

CAP
4

CAUTION: THE INFORMATION
IN THIS PUBLICATION MAY
BE SUPERSEDED BY NOTAM
OR AIP SUPPLEMENT

EFFECTIVE 0901Z **21 MARCH 2024**
TO 0901Z 16 MAY 2024

CANADA AIR PILOT

Instrument Procedures

ONTARIO

AIP Canada (ICAO) Part 3 - Aerodromes (AD)

Serving a world in motion
navcanada.ca



CAP 4



ONTARIO

Published by NAV CANADA in accordance with ICAO Annexes 4 and 15
of the Convention on International Civil Aviation

Cartography and Printing: NAV CANADA

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Source of Canadian Military Aeronautical Data:

His Majesty the King in Right of Canada Department of National Defence

Canada Air Pilot

Effective 0901Z 21 MAR 2024 to 0901Z 16 MAY 2024

Table of Contents

INSTRUMENT APPROACH PROCEDURE CHARTS

ANGLING LAKE/WAPEKEKA, ON

RNAV (GNSS) RWY 12	CKB6-IAP-3A
RNAV (GNSS) RWY 30	CKB6-IAP-3B
AERODROME CHART	CKB6-AD

ARMSTRONG, ON

RNAV (GNSS) RWY 12	CYYW-IAP-3A
RNAV (GNSS) RWY 30	CYYW-IAP-3B
AERODROME CHART	CYYW-AD

ARNPRIOR, ON

RNAV (GNSS) RWY 10	CNP3-IAP-3A
RNAV (GNSS) RWY 28	CNP3-IAP-3B
AERODROME CHART	CNP3-AD

ATIKOKAN MUNI, ON

RNAV (GNSS) RWY 04	CYIB-IAP-3A
RNAV (GNSS) RWY 22	CYIB-IAP-3B
AERODROME CHART	CYIB-AD

ATTAWAPISKAT, ON

RNAV(GNSS) RWY 06	CYAT-IAP-3A
RNAV(GNSS) RWY 24	CYAT-IAP-3B
AERODROME CHART	CYAT-AD

BAR RIVER, ON

RNAV (GNSS) RWY 18	CPF2-IAP-3A
AERODROME CHART	CPF2-AD

BARRIE-ORILLIA/LAKE SIMCOE, ON

RNAV (GNSS) Z RWY 10	CYLS-IAP-3A
RNAV (GNSS) RWY 28	CYLS-IAP-3D
AERODROME CHART	CYLS-AD

BEARSKIN LAKE, ON

RNAV (GNSS) RWY 07	CNE3-IAP-3A
RNAV (GNSS) RWY 25	CNE3-IAP-3B
AERODROME CHART	CNE3-AD

BIG TROUT LAKE, ON

RNAV (GNSS) RWY 14	CYTL-IAP-3A
RNAV (GNSS) RWY 32	CYTL-IAP-3B
NDB RWY 32	CYTL-IAP-9
AERODROME CHART	CYTL-AD

BRAMPTON-CALEDON, ON

RNAV (GNSS) RWY 15	CNC3-IAP-3
VOR/DME A	CNC3-IAP-5
AERODROME CHART	CNC3-AD

BRANTFORD, ON

RNAV (GNSS) RWY 05	CYFD-IAP-3A
RNAV(GNSS) RWY 23	CYFD-IAP-3B
DEPARTURE PROCEDURE	CYFD-DP
AERODROME CHART	CYFD-AD

BROCKVILLE REGIONAL

TACKABERRY APRT, ON

RNAV (GNSS) RWY 04	CNL3-IAP-3A
RNAV (GNSS) RWY 22	CNL3-IAP-3B
AERODROME CHART	CNL3-AD

BURLINGTON EXECUTIVE, ON

RNAV (GNSS) RWY 32	CZBA-IAP-3
SID (RNAV)	
DUSOM TWO DEP (DUSOM2.)	CZBA-SID-1A
SID (RNAV)	
DUSOM TWO DEP (DUSOM2.)	
DEPARTURE ROUTES	CZBA-SID-1B
SID (RNAV)	
DUSOM TWO DEP (DUSOM2.)	
TRANSITION ROUTES	CZBA-SID-1C
SID (RNAV)	
MAVAN TWO DEP (MAVAN2.)	CZBA-SID-2A
SID (RNAV)	
MAVAN TWO DEP (MAVAN2.)	CZBA-SID-2B
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	CZBA-SID-3A
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	
DEPARTURE ROUTES	CZBA-SID-3B
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	
TRANSITION ROUTES	CZBA-SID-3C
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	CZBA-SID-4A
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	
DEPARTURE ROUTES	CZBA-SID-4B
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	
TRANSITION ROUTES	CZBA-SID-4C
AERODROME CHART	CZBA-AD

CAT LAKE, ON

RNAV (GNSS) RWY 11	CYAC-IAP-3A
RNAV (GNSS) RWY 29	CYAC-IAP-3B
AERODROME CHART	CYAC-AD

CENTRALIA/JAMES T. FIELD MEMORIAL, ON

RNAV (GNSS) RWY 10CYCE-IAP-3A
 RNAV (GNSS) RWY 28CYCE-IAP-3B
 DEPARTURE PROCEDURECYCE-DP
 AERODROME CHARTCYCE-AD

CHAPLEAU, ON

RNAV (GNSS) RWY 10CYLD-IAP-3A
 RNAV (GNSS) RWY 28CYLD-IAP-3B
 AERODROME CHARTCYLD-AD

CHATHAM-KENT, ON

RNAV (GNSS) Z RWY 06CYCK-IAP-3A
 RNAV (GNSS) Y RWY 06CYCK-IAP-3B
 RNAV (GNSS) Z RWY 24CYCK-IAP-3C
 RNAV (GNSS) Y RWY 24CYCK-IAP-3D
 AERODROME CHARTCYCK-AD

COCHRANE, ON

RNAV (GNSS) RWY 13CYCN-IAP-3A
 RNAV (GNSS) RWY 31CYCN-IAP-3B
 AERODROME CHARTCYCN-AD

COLLINGWOOD, ON

RNAV (GNSS) RWY 13CNY3-IAP-3A
 RNAV (GNSS) RWY 31CNY3-IAP-3B
 AERODROME CHARTCNY3-AD

CORNWALL REGIONAL, ON

RNAV (GNSS) RWY 10CYCC-IAP-3A
 RNAV (GNSS) RWY 28CYCC-IAP-3B
 AERODROME CHARTCYCC-AD

DEER LAKE, ON

RNAV (GNSS) RWY 13CYVZ-IAP-3A
 RNAV (GNSS) RWY 31CYVZ-IAP-3B
 AERODROME CHARTCYVZ-AD

DETOUR LAKE, ON

RNAV (GNSS) Z RWY 10CDT9-IAP-3A
 RNAV (GNSS) Y RWY 10CDT9-IAP-3B
 RNAV (GNSS) Z RWY 28CDT9-IAP-3C
 RNAV (GNSS) Y RWY 28CDT9-IAP-3D
 DEPARTURE PROCEDURE (RNAV)
 GRAMP ONE DEP (GRAMP1.)CDT9-DP-1A
 DEPARTURE PROCEDURE (RNAV)
 GRAMP ONE DEP (GRAMP1.)CDT9-DP-1B
 AERODROME CHARTCDT9-AD

DRYDEN REGIONAL, ON

ILS RWY 12CYHD-IAP-2
 RNAV (GNSS) RWY 12CYHD-IAP-3A
 RNAV (GNSS) RWY 30CYHD-IAP-3B
 AERODROME CHARTCYHD-AD

EARLTON (TIMISKAMING REGIONAL), ON

RNAV (GNSS) RWY 08CYXR-IAP-3A
 RNAV (GNSS) RWY 26CYXR-IAP-3B
 AERODROME CHARTCYXR-AD

EDENVALE, ON

RNAV (GNSS) RWY 31CNV8-IAP-3C
 AERODROME CHARTCNV8-AD

ELLIOT LAKE MUNI, ON

RNAV (GNSS) RWY 12CYEL-IAP-3A
 RNAV (GNSS) RWY 30CYEL-IAP-3B
 AERODROME CHARTCYEL-AD

FORT ALBANY, ON

RNAV (GNSS) RWY 10CYFA-IAP-3A
 RNAV (GNSS) RWY 28CYFA-IAP-3B
 AERODROME CHARTCYFA-AD

FORT FRANCES MUNI, ON

RNAV (GNSS) RWY 12CYAG-IAP-3A
 RNAV (GNSS) RWY 30CYAG-IAP-3B
 VOR/DME ACYAG-IAP-5
 AERODROME CHARTCYAG-AD

FORT HOPE, ON

RNAV (GNSS) RWY 09CYFH-IAP-3A
 RNAV (GNSS) RWY 27CYFH-IAP-3B
 AERODROME CHARTCYFH-AD

FORT SEVERN, ON

RNAV (GNSS) RWY 15CYER-IAP-3A
 RNAV (GNSS) RWY 33CYER-IAP-3B
 NDB RWY 33CYER-IAP-9
 AERODROME CHARTCYER-AD

GERALDTON (DISTRICT HOSPITAL), ON

COPTER VOR/DME 349°CPJ4-IAP-5
 VISUAL APPROACH CHARTCPJ4-VAP
 HELIPORT CHARTCPJ4-HP

GERALDTON (GREENSTONE REGIONAL), ON

RNAV (GNSS) RWY 08CYGQ-IAP-3A
 RNAV (GNSS) RWY 26CYGQ-IAP-3B
 VOR/DME RWY 08CYGQ-IAP-5A
 VOR/DME RWY 26CYGQ-IAP-5B
 AERODROME CHARTCYGQ-AD

GODERICH, ON

RNAV (GNSS) RWY 14CYGD-IAP-3A
 RNAV (GNSS) RWY 32CYGD-IAP-3B
 DEPARTURE PROCEDURECYGD-DP
 AERODROME CHARTCYGD-AD

GORE BAY-MANITOULIN, ON

RNAV (GNSS) RWY 11CYZE-IAP-3A
 RNAV (GNSS) RWY 29CYZE-IAP-3B
 AERODROME CHARTCYZE-AD

HAMILTON, ON

STAR (RNAV)	
AVSOX TWO ARR (AVSOX.AVSOX2)	CYHM-STAR-1
STAR (RNAV)	
COLTS SEVEN ARR (COLTS.COLTS7).....	CYHM-STAR-2
STAR (RNAV)	
TIKUM TWO ARR (TIKUM.TIKUM2).....	CYHM-STAR-3
STAR (RNAV)	
UDMIK THREE ARR (YYZ.UDMIK3).....	CYHM-STAR-4
ILS OR NDB RWY 12	CYHM-IAP-2A
ILS CAT II RWY 12	CYHM-IAP-2B
RNAV (GNSS) Z RWY 06.....	CYHM-IAP-3A
RNAV (GNSS) Z RWY 12	CYHM-IAP-3B
RNAV (GNSS) Z RWY 24	CYHM-IAP-3C
RNAV (GNSS) Z RWY 30	CYHM-IAP-3D
LOC or NDB RWY 30.....	CYHM-IAP-4
SID (VECTOR)	
HAMILTON NINE DEP (CYHM9).....	CYHM-SID-1A
SID (VECTOR)	
HAMILTON NINE DEP (CYHM9).....	CYHM-SID-1B
SID (VECTOR)	
MUNRO TWO DEP (MUNR2).....	CYHM-SID-2A
SID (VECTOR)	
MUNRO TWO DEP (MUNR2).....	CYHM-SID-2B
NOISE ABATEMENT PROCEDURES.....	CYHM-NOR
AERODROME CHART	CYHM-AD
TAXI CHART.....	CYHM-GM-1
LOW VISIBILITY PROCEDURES.....	CYHM-GM-3
PARKING AREAS.....	CYHM-APD-1
PARKING AREAS.....	CYHM-APD-2

HANOVER/SAUGEEN MUNI, ON

RNAV (GNSS) RWY 01	CYHS-IAP-3A
RNAV (GNSS) RWY 19	CYHS-IAP-3B
DEPARTURE PROCEDURE	CYHS-DP
AERODROME CHART	CYHS-AD

HEARST (RENE FONTAINE) MUNI, ON

RNAV (GNSS) RWY 04	CYHF-IAP-3A
RNAV (GNSS) RWY 22	CYHF-IAP-3B
AERODROME CHART	CYHF-AD

KAPUSKASING, ON

RNAV (GNSS) RWY 17	CYYU-IAP-3A
RNAV (GNSS) RWY 35	CYYU-IAP-3B
DEPARTURE PROCEDURE	CYYU-DP
AERODROME CHART	CYYU-AD

KASABONIKA, ON

RNAV (GNSS) RWY 03	CYAQ-IAP-3A
RNAV (GNSS) RWY 21	CYAQ-IAP-3B
AERODROME CHART	CYAQ-AD

KASHECHEWAN, ON

RNAV (GNSS) RWY 06	CZKE-IAP-3A
RNAV (GNSS) RWY 24	CZKE-IAP-3B
AERODROME CHART	CZKE-AD

KEEWAYWIN, ON

RNAV (GNSS) RWY 13	CPV8-IAP-3A
RNAV (GNSS) RWY 31	CPV8-IAP-3B
AERODROME CHART	CPV8-AD

KENORA, ON

RNAV (GNSS) RWY 08	CYQK-IAP-3A
RNAV (GNSS) RWY 26	CYQK-IAP-3B
AERODROME CHART	CYQK-AD

KINCARDINE, ON

RNAV (GNSS) RWY 13	CYKM-IAP-3A
RNAV (GNSS) RWY 31	CYKM-IAP-3B
AERODROME CHART	CYKM-AD

KINGFISHER LAKE, ON

RNAV (GNSS) RWY 12	CNM5-IAP-3A
RNAV (GNSS) RWY 30	CNM5-IAP-3B
AERODROME CHART	CNM5-AD

KINGSTON, ON

ILS RWY 19	CYGK-IAP-2
RNAV (GNSS) RWY 01	CYGK-IAP-3A
RNAV (GNSS) RWY 07	CYGK-IAP-3B
RNAV (GNSS) RWY 19	CYGK-IAP-3C
RNAV (GNSS) RWY 25	CYGK-IAP-3D
DEPARTURE PROCEDURE	CYGK-DP
AERODROME CHART	CYGK-AD

KIRKLAND LAKE, ON

RNAV (GNSS) RWY 08	CYKX-IAP-3A
RNAV (GNSS) RWY 26	CYKX-IAP-3B
AERODROME CHART	CYKX-AD

KITCHENER/WATERLOO, ON

ILS RWY 26	CYKF-IAP-2
RNAV (GNSS) Z RWY 08	CYKF-IAP-3A
RNAV (RNP) Y RWY 08	CYKF-IAP-3B
RNAV (GNSS) RWY 14	CYKF-IAP-3C
RNAV (GNSS) Z RWY 26	CYKF-IAP-3D
RNAV (RNP) Y RWY 26	CYKF-IAP-3E
RNAV (GNSS) RWY 32	CYKF-IAP-3F
SID (VECTOR)	
WATERLOO THREE DEP (CYKF3).....	CYKF-SID-1A
SID (VECTOR)	
WATERLOO THREE DEP (CYKF3).....	CYKF-SID-1B
NOISE ABATEMENT PROCEDURES.....	CYKF-NOR
AERODROME CHART	CYKF-AD

LANSDOWNE HOUSE, ON

RNAV (GNSS) RWY 08	CYLH-IAP-3A
RNAV (GNSS) RWY 26	CYLH-IAP-3B
AERODROME CHART	CYLH-AD

LEAMINGTON, ON

RNAV (GNSS) RWY 19	CLM2-IAP-3
AERODROME CHART	CLM2-AD

LINDSAY/KAWARTHA LAKES MUNICIPAL AIRPORT, ON

RNAV (GNSS) RWY 13 CNF4-IAP-3A
RNAV (GNSS) RWY 31 CNF4-IAP-3B
AERODROME CHART CNF4-AD

LONDON, ON

ILS RWY 15 CYXU-IAP-2
RNAV (GNSS) RWY 09 CYXU-IAP-3A
RNAV (GNSS) Z RWY 15 CYXU-IAP-3B
RNAV (RNP) Y RWY 15 CYXU-IAP-3C
RNAV (GNSS) RWY 27 CYXU-IAP-3D
RNAV (GNSS) Z RWY 33 CYXU-IAP-3E
RNAV (RNP) Y RWY 33 CYXU-IAP-3F
VOR/DME RWY 09 CYXU-IAP-5A
VOR/DME RWY 27 CYXU-IAP-5B
SID (VECTOR)
LONDON TWO DEP (CYXU2) CYXU-SID-1A
SID (VECTOR)
LONDON TWO DEP (CYXU2) CYXU-SID-1B
DEPARTURE PROCEDURE CYXU-DP
AERODROME CHART CYXU-AD

MANITOUWADGE, ON

RNAV (GNSS) RWY 05 CYMG-IAP-3A
RNAV (GNSS) RWY 23 CYMG-IAP-3B
AERODROME CHART CYMG-AD

MANITOWANING/MANITOULIN EAST MUNI, ON

RNAV (GNSS) RWY 02 CYEM-IAP-3A
RNAV (GNSS) RWY 20 CYEM-IAP-3B
AERODROME CHART CYEM-AD

MARATHON, ON

RNAV (GNSS) RWY 16 CYSP-IAP-3A
RNAV (GNSS) RWY 34 CYSP-IAP-3B
AERODROME CHART CYSP-AD

MIDLAND/HURONIA, ON

RNAV (GNSS) RWY 16 CYEE-IAP-3A
RNAV (GNSS) RWY 34 CYEE-IAP-3B
AERODROME CHART CYEE-AD

MOOSONEE, ON

RNAV (GNSS) RWY 06 CYMO-IAP-3A
RNAV (GNSS) RWY 24 CYMO-IAP-3B
VOR RWY 06 CYMO-IAP-6A
VOR RWY 24 CYMO-IAP-6B
VOR RWY 32 CYMO-IAP-6C
AERODROME CHART CYMO-AD

MUSKOKA, ON

RNAV (GNSS) RWY 18 CYQA-IAP-3A
RNAV (GNSS) RWY 36 CYQA-IAP-3B
AERODROME CHART CYQA-AD

MUSKRAT DAM, ON

RNAV (GNSS) RWY 05 CZMD-IAP-3A
RNAV (GNSS) RWY 23 CZMD-IAP-3B
AERODROME CHART CZMD-AD

NAKINA, ON

RNAV (GNSS) RWY 09 CYQN-IAP-3A
RNAV (GNSS) RWY 27 CYQN-IAP-3B
AERODROME CHART CYQN-AD

NORTH BAY, ON

ILS RWY 08 CYYB-IAP-2
RNAV (GNSS) RWY 08 CYYB-IAP-3A
RNAV (GNSS) RWY 18 CYYB-IAP-3B
RNAV (GNSS) RWY 26 CYYB-IAP-3C
RNAV (GNSS) RWY 36 CYYB-IAP-3D
SID (VECTOR)
NORTH BAY TWO DEP (CYYB2) CYYB-SID-1A
SID (VECTOR)
NORTH BAY TWO DEP (CYYB2) CYYB-SID-1B
DEPARTURE PROCEDURE CYYB-DP
AERODROME CHART CYYB-AD

NORTH SPIRIT LAKE, ON

RNAV (GNSS) RWY 13 CKQ3-IAP-3A
RNAV (GNSS) RWY 31 CKQ3-IAP-3B
AERODROME CHART CKQ3-AD

OGOKI POST, ON

RNAV (GNSS) RWY 09 CYKP-IAP-3A
RNAV (GNSS) RWY 27 CYKP-IAP-3B
AERODROME CHART CYKP-AD

OTTAWA/CARP, ON

RNAV (GNSS) RWY 10 CYRP-IAP-3
AERODROME CHART CYRP-AD

OTTAWA/MACDONALD-CARTIER INTL, ON

STAR (RNAV)
CAPITAL FIVE ARR (LANRK.CAPTL5)
TRANSITION ROUTES CYOW-STAR-1A
STAR (RNAV)
CAPITAL FIVE ARR (LANRK.CAPTL5)
ARRIVAL ROUTES CYOW-STAR-1B
STAR (RNAV)
DEANS THREE ARR (CYRIL.DEANS3)
TRANSITION ROUTES CYOW-STAR-2A
STAR (RNAV)
DEANS THREE ARR (CYRIL.DEANS3)
ARRIVAL ROUTES CYOW-STAR-2B
STAR (RNAV)
LEAMY FIVE ARR (ALIDO.LEAMY5) CYOW-STAR-3
STAR (RNAV)
MEECH FOUR ARR (ONDOB.MEECH4)
TRANSITION ROUTES CYOW-STAR-4A

STAR (RNAV)	
MEECH FOUR ARR (ONDOB.MEECH4)	
ARRIVAL ROUTES	CYOW-STAR-4B
STAR (RNAV)	
RIVER FOUR ARR (ALSET.RIVER4)	
TRANSITION ROUTES	CYOW-STAR-5A
STAR (RNAV)	
RIVER FOUR ARR (ALSET.RIVER4)	
ARRIVAL ROUTES	CYOW-STAR-5B
ILS RWY 07	CYOW-IAP-2A
ILS RWY 32	CYOW-IAP-2B
RNAV (GNSS) Z RWY 07	CYOW-IAP-3A
RNAV (RNP) Y RWY 07	CYOW-IAP-3B
RNAV (GNSS) Z RWY 14	CYOW-IAP-3C
RNAV (RNP) Y RWY 14	CYOW-IAP-3D
RNAV (GNSS) Z RWY 25	CYOW-IAP-3E
RNAV (RNP) Y RWY 25	CYOW-IAP-3F
RNAV (GNSS) Z RWY 32	CYOW-IAP-3G
RNAV (RNP) Y RWY 32	CYOW-IAP-3H
SID (VECTOR)	
OTTAWA FOUR DEP (CYOW4.)	CYOW-SID-1A
SID (VECTOR)	
OTTAWA FOUR DEP (CYOW4.)	CYOW-SID-1B
DEPARTURE PROCEDURE	CYOW-DP
NOISE ABATEMENT PROCEDURES	CYOW-NOR-1
NOISE ABATEMENT PROCEDURES	CYOW-NOR-2
AERODROME CHART	CYOW-AD
TAXI CHART	CYOW-GM-1
DE-ICING OPERATIONS	CYOW-GM-4A
DE-ICING OPERATIONS	CYOW-GM-4B
DE-ICING OPERATIONS	CYOW-GM-4C
PARKING AREAS (APRON I)	CYOW-APD-1
PARKING AREAS (APRON II)	CYOW-APD-2
OWEN SOUND/BILLY BISHOP REGIONAL, ON	
RNAV (GNSS) RWY 18	CYOS-IAP-3A
RNAV (GNSS) RWY 36	CYOS-IAP-3B
AERODROME CHART	CYOS-AD
PARRY SOUND AREA MUNI, ON	
RNAV (GNSS) RWY 17	CNK4-IAP-3A
RNAV (GNSS) RWY 35	CNK4-IAP-3B
AERODROME CHART	CNK4-AD
PEAWANUCK, ON	
RNAV (GNSS) RWY 11	CYPO-IAP-3A
RNAV (GNSS) RWY 29	CYPO-IAP-3B
NDB RWY 11	CYPO-IAP-9A
NDB RWY 29	CYPO-IAP-9B
AERODROME CHART	CYPO-AD
PELEE ISLAND, ON	
RNAV (GNSS) RWY 10	CYPT-IAP-3A
RNAV (GNSS) RWY 28	CYPT-IAP-3B
AERODROME CHART	CYPT-AD

PEMBROKE, ON

RNAV (GNSS) RWY 35	CYTA-IAP-3
NDB RWY 35	CYTA-IAP-9A
SID (RNAV)	
AGNEX THREE DEP (AGNEX3.)	CYTA-SID-1A
SID (RNAV)	
AGNEX THREE DEP (AGNEX3.)	CYTA-SID-1B
AERODROME CHART	CYTA-AD

PETERBOROUGH, ON

RNAV (GNSS) RWY 09	CYPQ-IAP-3A
RNAV (GNSS) RWY 27	CYPQ-IAP-3B
NDB RWY 09	CYPQ-IAP-9
AERODROME CHART	CYPQ-AD

PICKLE LAKE, ON

RNAV (GNSS) RWY 09	CYPL-IAP-3A
RNAV (GNSS) RWY 27	CYPL-IAP-3B
NDB RWY 09	CYPL-IAP-9
AERODROME CHART	CYPL-AD

PIKANGIKUM, ON

RNAV (GNSS) RWY 09	CYPM-IAP-3A
RNAV (GNSS) RWY 27	CYPM-IAP-3B
AERODROME CHART	CYPM-AD

POPLAR HILL, ON

RNAV (GNSS) RWY 13	CPV7-IAP-3A
RNAV (GNSS) RWY 31	CPV7-IAP-3B
AERODROME CHART	CPV7-AD

PORT CARLING/FIG AIR, ON

COPTER RNAV (GNSS) 048°	CFA2-IAP-3
VISUAL APPROACH CHART	CFA2-VAP
HELIPORT CHART	CFA2-HP

RED LAKE, ON

RNAV (GNSS) RWY 08	CYRL-IAP-3A
RNAV (GNSS) RWY 26	CYRL-IAP-3B
VOR RWY 26	CYRL-IAP-6
AERODROME CHART	CYRL-AD

ROUND LAKE (WEAGAMOW LAKE), ON

RNAV (GNSS) RWY 03	CZRJ-IAP-3A
RNAV (GNSS) RWY 21	CZRJ-IAP-3B
AERODROME CHART	CZRJ-AD

SACHIGO LAKE, ON

RNAV (GNSS) RWY 10	CZPB-IAP-3A
RNAV (GNSS) RWY 28	CZPB-IAP-3B
AERODROME CHART	CZPB-AD

SANDY LAKE, ON

RNAV (GNSS) RWY 11	CZSJ-IAP-3A
RNAV (GNSS) RWY 29	CZSJ-IAP-3B
NDB RWY 29	CZSJ-IAP-9
AERODROME CHART	CZSJ-AD

SARNIA (CHRIS HADFIELD), ON

RNAV (GNSS) RWY 15 CYZR-IAP-3A
 RNAV (GNSS) RWY 33 CYZR-IAP-3B
 AERODROME CHART CYZR-AD

SAULT STE. MARIE, ON

ILS RWY 12 CYAM-IAP-2
 RNAV (GNSS) RWY 04 CYAM-IAP-3A
 RNAV (GNSS) RWY 12 CYAM-IAP-3B
 RNAV (GNSS) RWY 22 CYAM-IAP-3C
 RNAV (GNSS) RWY 30 CYAM-IAP-3D
 VOR RWY 30 CYAM-IAP-6
 SID (VECTOR)
 SAULT SEVEN DEP (SSM7.) CYAM-SID-1A
 SID (VECTOR)
 SAULT SEVEN DEP (SSM7.) CYAM-SID-1B
 AERODROME CHART CYAM-AD

SIOUX LOOKOUT, ON

RNAV (GNSS) RWY 16 CYXL-IAP-3A
 RNAV (GNSS) RWY 34 CYXL-IAP-3B
 NDB/DME RWY 16 CYXL-IAP-8A
 NDB/DME RWY 34 CYXL-IAP-8B
 NDB RWY 34 CYXL-IAP-9
 SID (RNAV)
 AVRAM THREE DEP (AVRAM3.) CYXL-SID-1A
 SID (RNAV)
 AVRAM THREE DEP (AVRAM3.) CYXL-SID-1B
 SID (RNAV)
 PELKA THREE DEP (PELKA3.) CYXL-SID-2A
 SID (RNAV)
 PELKA THREE DEP (PELKA3.) CYXL-SID-2B
 AERODROME CHART CYXL-AD

SLATE FALLS, ON

RNAV (GNSS) RWY 10 CKD9-IAP-3A
 RNAV (GNSS) RWY 28 CKD9-IAP-3B
 AERODROME CHART CKD9-AD

ST. CATHARINES/NIAGARA DISTRICT, ON

RNAV (GNSS) RWY 06 CYSN-IAP-3A
 RNAV (GNSS) RWY 24 CYSN-IAP-3B
 DEPARTURE PROCEDURE CYSN-DP
 AERODROME CHART CYSN-AD

ST. THOMAS MUNI, ON

RNAV (GNSS) RWY 09 CYQS-IAP-3A
 RNAV (GNSS) RWY 27 CYQS-IAP-3B
 VOR/DME A CYQS-IAP-5
 DEPARTURE PROCEDURE CYQS-DP
 AERODROME CHART CYQS-AD

STRATFORD MUNI, ON

RNAV (GNSS) RWY 05 CYSA-IAP-3A
 RNAV (GNSS) RWY 23 CYSA-IAP-3B
 AERODROME CHART CYSA-AD

STURGEON FALLS**(WEST NIPISSING GEN HOSPITAL), ON**

COPTER RNAV (GNSS) 195° CNM3-IAP-3
 VISUAL APPROACH CHART CNM3-VAP
 HELIPORT CHART CNM3-HP

SUDBURY, ON

ILS RWY 22 CYSB-IAP-2
 RNAV (GNSS) RWY 04 CYSB-IAP-3A
 RNAV (GNSS) RWY 12 CYSB-IAP-3B
 RNAV (GNSS) RWY 22 CYSB-IAP-3C
 RNAV (GNSS) RWY 30 CYSB-IAP-3D
 SID (VECTOR)
 SUDBURY TWO DEP (CYSB2.) CYSB-SID-1A
 SID (VECTOR)
 SUDBURY TWO DEP (CYSB2.) CYSB-SID-1B
 AERODROME CHART CYSB-AD

SUMMER BEAVER, ON

RNAV (GNSS) RWY 17 CJV7-IAP-3A
 RNAV (GNSS) RWY 35 CJV7-IAP-3B
 AERODROME CHART CJV7-AD

THUNDER BAY, ON

STAR (RNAV)
 LIBUK THREE ARR (LIBUK.LIBUK3) CYQT-STAR-1
 STAR (RNAV)
 NOTER FOUR ARR (NOTER.NOTER4)
 TRANSITION ROUTES CYQT-STAR-2A
 STAR (RNAV)
 NOTER FOUR ARR (NOTER.NOTER4)
 ARRIVAL ROUTES CYQT-STAR-2B
 STAR (RNAV)
 TIGAG THREE ARR (TIGAG.TIGAG3) CYQT-STAR-3
 ILS RWY 07 CYQT-IAP-2
 RNAV (GNSS) Z RWY 07 CYQT-IAP-3A
 RNAV (RNP) Y RWY 07 CYQT-IAP-3B
 RNAV (GNSS) Z RWY 12 CYQT-IAP-3C
 RNAV (GNSS) X RWY 12 CYQT-IAP-3D
 RNAV (GNSS) Z RWY 25 CYQT-IAP-3E
 RNAV (RNP) Y RWY 25 CYQT-IAP-3F
 SID (RNAV)
 LESIS THREE DEP (LESI3.) CYQT-SID-1A
 SID (RNAV)
 LESIS THREE DEP (LESI3.) CYQT-SID-1B
 SID (RNAV)
 NUBOM TWO DEP (NUBOM2.) CYQT-SID-2A
 SID (RNAV)
 NUBOM TWO DEP (NUBOM2.) CYQT-SID-2B
 SID (VECTOR)
 THUNDER BAY ONE DEP (CYQT1.) CYQT-SID-3A
 SID (VECTOR)
 THUNDER BAY ONE DEP (CYQT1.) CYQT-SID-3B
 DEPARTURE PROCEDURE CYQT-DP
 NOISE ABATEMENT PROCEDURES CYQT-NOR

AERODROME CHART CYQT-AD
 PARKING AREAS CYQT-APD-1
 PARKING AREAS CYQT-APD-2

TILLSONBURG, ON

RNAV (GNSS) RWY 08 CYTB-IAP-3A
 RNAV (GNSS) RWY 26 CYTB-IAP-3B
 AERODROME CHART CYTB-AD

TIMMINS (VICTOR M. POWER), ON

ILS RWY 03 CYTS-IAP-2
 RNAV (GNSS) RWY 03 CYTS-IAP-3A
 RNAV (GNSS) RWY 10 CYTS-IAP-3B
 RNAV (GNSS) RWY 21 CYTS-IAP-3C
 RNAV (GNSS) RWY 28 CYTS-IAP-3D
 VOR/DME RWY 03 CYTS-IAP-5A
 VOR/DME RWY 10 CYTS-IAP-5B
 VOR/DME RWY 21 CYTS-IAP-5C
 VOR/DME RWY 28 CYTS-IAP-5D
 AERODROME CHART CYTS-AD

TORONTO/BILLY BISHOP

TORONTO CITY AIRPORT, ON

STAR (RNAV)
 ILIXU ONE ARR (UKPAG.ILIXU1)
 TRANSITION ROUTES CYTZ-STAR-1A
 STAR (RNAV)
 ILIXU ONE ARR (UKPAG.ILIXU1)
 ARRIVAL ROUTES CYTZ-STAR-1B
 STAR (RNAV)
 KAXOL TWO ARR (KAXOL.KAXOL2) CYTZ-STAR-2
 ILS RWY 08 CYTZ-IAP-2
 RNAV (GNSS) Z RWY 08 CYTZ-IAP-3A
 RNAV (RNP) Y RWY 08 CYTZ-IAP-3B
 RNAV (GNSS) Z RWY 26 CYTZ-IAP-3G
 LOC RWY 08 CYTZ-IAP-4A
 LOC RWY 26 CYTZ-IAP-4B
 SID (RNAV)
 BOMET SEVEN DEP (BOMET7.) CYTZ-SID-1A
 SID (RNAV)
 BOMET SEVEN DEP (BOMET7.)
 DEPARTURE ROUTES CYTZ-SID-1B
 SID (RNAV)
 BOMET SEVEN DEP (BOMET7.)
 TRANSITION ROUTES CYTZ-SID-1C
 SID (RNAV)
 DUSOM TWO DEP (DUSOM2.) CYTZ-SID-2A
 SID (RNAV)
 DUSOM TWO DEP (DUSOM2.)
 DEPARTURE ROUTES CYTZ-SID-2B
 SID (RNAV)
 DUSOM TWO DEP (DUSOM2.)
 TRANSITION ROUTES CYTZ-SID-2C
 SID (RNAV)
 ISLND ONE DEP (ISLND1.) CYTZ-SID-3A
 SID (RNAV)
 ISLND ONE DEP (ISLND1.) CYTZ-SID-3B
 SID (RNAV)
 MAVAN TWO DEP (MAVAN2.) CYTZ-SID-4A

SID (RNAV)
 MAVAN TWO DEP (MAVAN2.) CYTZ-SID-4B
 SID (RNAV)
 OAKVL THREE DEP (OAKVL3.) CYTZ-SID-5A
 SID (RNAV)
 OAKVL THREE DEP (OAKVL3.)
 DEPARTURE ROUTES CYTZ-SID-5B
 SID (RNAV)
 OAKVL THREE DEP (OAKVL3.)
 TRANSITION ROUTES CYTZ-SID-5C
 SID (RNAV)
 PERLO FOUR DEP (PERLO4.) CYTZ-SID-6A
 SID (RNAV)
 PERLO FOUR DEP (PERLO4.)
 DEPARTURE ROUTES CYTZ-SID-6B
 SID (RNAV)
 PERLO FOUR DEP (PERLO4.)
 TRANSITION ROUTES CYTZ-SID-6C
 SID (RNAV)
 TEVAD TWO DEP (TEVAD2.) CYTZ-SID-7A
 SID (RNAV)
 TEVAD TWO DEP (TEVAD2.) CYTZ-SID-7B
 DEPARTURE PROCEDURE CYTZ-DP
 AERODROME CHART CYTZ-AD

TORONTO/DOWNSVIEW, ON

RNAV (GNSS) Z RWY 15 CYZD-IAP-3A
 RNAV (GNSS) Y RWY 15 CYZD-IAP-3B
 RNAV (GNSS) Z RWY 33 CYZD-IAP-3C
 RNAV (GNSS) Y RWY 33 CYZD-IAP-3D
 AERODROME CHART CYZD-AD

TORONTO/LESTER B. PEARSON INTL, ON

STAR (RNAV)
 BOXUM SEVEN ARR (BOXUM.BOXUM7)
 TRANSITION ROUTES CYYZ-STAR-1A
 STAR (RNAV)
 BOXUM SEVEN ARR (BOXUM.BOXUM7)
 ARRIVAL ROUTES CYYZ-STAR-1B
 STAR (RNAV)
 BOXUM SEVEN ARR (BOXUM.BOXUM7)
 ARRIVAL ROUTES CYYZ-STAR-1C
 STAR (RNAV)
 BOXUM SEVEN ARR (BOXUM.BOXUM7)
 ARRIVAL ROUTES CYYZ-STAR-1D
 STAR (RNAV)
 BOXUM SEVEN ARR (BOXUM.BOXUM7)
 ARRIVAL ROUTES CYYZ-STAR-1E
 STAR (RNAV)
 DUVOS FOUR ARR (BOXUM.DUVOS4)
 TRANSITION ROUTES CYYZ-STAR-2A
 STAR (RNAV)
 DUVOS FOUR ARR (BOXUM.DUVOS4)
 ARRIVAL ROUTES CYYZ-STAR-2B
 STAR (RNAV)
 DUVOS FOUR ARR (BOXUM.DUVOS4)
 ARRIVAL ROUTES CYYZ-STAR-2C
 STAR (RNAV)
 DUVOS FOUR ARR (BOXUM.DUVOS4)
 ARRIVAL ROUTES CYYZ-STAR-2D

STAR (RNAV)	STAR (RNAV)
DUVOS FOUR ARR (BOXUM.DUVOS4)	RAGID FIVE ARR (RAGID.RAGID5)
ARRIVAL ROUTES..... CYYZ-STAR-2E	ARRIVAL ROUTES..... CYYZ-STAR-7B
STAR (RNAV)	STAR (RNAV)
IMEBA NINE ARR (IMEBA.IMEBA9)	RAGID FIVE ARR (RAGID.RAGID5)
TRANSITION ROUTES..... CYYZ-STAR-3A	ARRIVAL ROUTES..... CYYZ-STAR-7C
STAR (RNAV)	STAR (RNAV)
IMEBA NINE ARR (IMEBA.IMEBA9)	RAGID FIVE ARR (RAGID.RAGID5)
ARRIVAL ROUTES..... CYYZ-STAR-3B	ARRIVAL ROUTES..... CYYZ-STAR-7D
STAR (RNAV)	STAR (RNAV)
IMEBA NINE ARR (IMEBA.IMEBA9)	RAGID FIVE ARR (RAGID.RAGID5)
ARRIVAL ROUTES..... CYYZ-STAR-3C	ARRIVAL ROUTES..... CYYZ-STAR-7E
STAR (RNAV)	STAR (RNAV)
IMEBA NINE ARR (IMEBA.IMEBA9)	UDNOX FIVE ARR (RAGID.UDNOX5)
ARRIVAL ROUTES..... CYYZ-STAR-3D	TRANSITION ROUTES..... CYYZ-STAR-8A
STAR (RNAV)	STAR (RNAV)
IMEBA NINE ARR (IMEBA.IMEBA9)	UDNOX FIVE ARR (RAGID.UDNOX5)
ARRIVAL ROUTES..... CYYZ-STAR-3E	ARRIVAL ROUTES..... CYYZ-STAR-8B
STAR (RNAV)	STAR (RNAV)
LINNG THREE ARR (LINNG.LINNG3)	UDNOX FIVE ARR (RAGID.UDNOX5)
ARRIVAL ROUTES..... CYYZ-STAR-4A	ARRIVAL ROUTES..... CYYZ-STAR-8C
STAR (RNAV)	STAR (RNAV)
LINNG THREE ARR (LINNG.LINNG3)	UDNOX FIVE ARR (RAGID.UDNOX5)
ARRIVAL ROUTES..... CYYZ-STAR-4B	ARRIVAL ROUTES..... CYYZ-STAR-8D
STAR (RNAV)	STAR (RNAV)
LINNG THREE ARR (LINNG.LINNG3)	UDNOX FIVE ARR (RAGID.UDNOX5)
ARRIVAL ROUTES..... CYYZ-STAR-4C	ARRIVAL ROUTES..... CYYZ-STAR-8E
STAR (RNAV)	STAR (RNAV)
LINNG THREE ARR (LINNG.LINNG3)	VERKO ONE ARR (LINNG.VERKO1)
ARRIVAL ROUTES..... CYYZ-STAR-4D	TRANSITION ROUTES..... CYYZ-STAR-9A
STAR (RNAV)	STAR (RNAV)
LINNG THREE ARR (LINNG.LINNG3)	VERKO ONE ARR (LINNG.VERKO1)
ARRIVAL ROUTES..... CYYZ-STAR-4E	ARRIVAL ROUTES..... CYYZ-STAR-9B
STAR (RNAV)	STAR (RNAV)
NAKBO SIX ARR (NUBER.NAKBO6)	VERKO ONE ARR (LINNG.VERKO1)
TRANSITION ROUTES..... CYYZ-STAR-5A	ARRIVAL ROUTES..... CYYZ-STAR-9C
STAR (RNAV)	STAR (RNAV)
NAKBO SIX ARR (NUBER.NAKBO6)	VERKO ONE ARR (LINNG.VERKO1)
ARRIVAL ROUTES..... CYYZ-STAR-5B	ARRIVAL ROUTES..... CYYZ-STAR-9D
STAR (RNAV)	STAR (RNAV)
NAKBO SIX ARR (NUBER.NAKBO6)	VERKO ONE ARR (LINNG.VERKO1)
ARRIVAL ROUTES..... CYYZ-STAR-5C	ARRIVAL ROUTES..... CYYZ-STAR-9E
STAR (RNAV)	STAR (RNAV)
NAKBO SIX ARR (NUBER.NAKBO6)	VIBLI SIX ARR (IMEBA.VIBLI6)
ARRIVAL ROUTES..... CYYZ-STAR-5D	TRANSITION ROUTES..... CYYZ-STAR-10A
STAR (RNAV)	STAR (RNAV)
NUBER SIX ARR (NUBER.NUBER6)	VIBLI SIX ARR (IMEBA.VIBLI6)
TRANSITION ROUTES..... CYYZ-STAR-6A	ARRIVAL ROUTES..... CYYZ-STAR-10B
STAR (RNAV)	STAR (RNAV)
NUBER SIX ARR (NUBER.NUBER6)	VIBLI SIX ARR (IMEBA.VIBLI6)
ARRIVAL ROUTES..... CYYZ-STAR-6B	ARRIVAL ROUTES..... CYYZ-STAR-10C
STAR (RNAV)	STAR (RNAV)
NUBER SIX ARR (NUBER.NUBER6)	VIBLI SIX ARR (IMEBA.VIBLI6)
ARRIVAL ROUTES..... CYYZ-STAR-6C	ARRIVAL ROUTES..... CYYZ-STAR-10D
STAR (RNAV)	STAR (RNAV)
NUBER SIX ARR (NUBER.NUBER6)	VIBLI SIX ARR (IMEBA.VIBLI6)
ARRIVAL ROUTES..... CYYZ-STAR-6D	ARRIVAL ROUTES..... CYYZ-STAR-10E
STAR (RNAV)	ESTABLISHED ON RNP AR (EoR)
RAGID FIVE ARR (RAGID.RAGID5)	USER INSTRUCTIONS..... CYYZ-IAP-AAU
TRANSITION ROUTES..... CYYZ-STAR-7A	

ILS RWY 05	CYYZ-IAP-2A	SID (RNAV)
ILS CAT II or III RWY 05	CYYZ-IAP-2B	BETES THREE DEP (BETES3.)
ILS RWY 06L	CYYZ-IAP-2C	DEPARTURE ROUTES
ILS CAT II or III RWY 06L	CYYZ-IAP-2D	SID (RNAV)
ILS RWY 06R	CYYZ-IAP-2E	BETES THREE DEP (BETES3.)
ILS RWY 15L	CYYZ-IAP-2F	TRANSITION ROUTES
ILS RWY 15R	CYYZ-IAP-2G	SID (RNAV)
ILS RWY 23	CYYZ-IAP-2H	BOMET EIGHT DEP (BOMET8.)
ILS RWY 24L	CYYZ-IAP-2I	SID (RNAV)
ILS RWY 24R	CYYZ-IAP-2J	BOMET EIGHT DEP (BOMET8.)
ILS RWY 33L	CYYZ-IAP-2K	DEPARTURE ROUTES
ILS RWY 33R	CYYZ-IAP-2L	SID (RNAV)
RNAV (GNSS) Z RWY 05	CYYZ-IAP-3A	BOMET EIGHT DEP (BOMET8.)
RNAV (RNP) Y RWY 05	CYYZ-IAP-3B	TRANSITION ROUTES
RNAV (GNSS) X RWY 05	CYYZ-IAP-3C	SID (RNAV)
RNAV (GNSS) Z RWY 06L	CYYZ-IAP-3D	DEDKI FIVE DEP (DEDKI5.)
RNAV (GNSS) X RWY 06L	CYYZ-IAP-3E	SID (RNAV)
RNAV (GNSS) Z RWY 06R	CYYZ-IAP-3F	DEDKI FIVE DEP (DEDKI5.)
RNAV (GNSS) X RWY 06R	CYYZ-IAP-3G	DEPARTURE ROUTES
RNAV (GNSS) Z RWY 15L	CYYZ-IAP-3H	SID (RNAV)
RNAV (GNSS) Z RWY 15R	CYYZ-IAP-3I	DEDKI FIVE DEP (DEDKI5.)
RNAV (GNSS) Z RWY 23	CYYZ-IAP-3J	DEPARTURE ROUTES
RNAV (RNP) Y RWY 23	CYYZ-IAP-3K	SID (RNAV)
RNAV (GNSS) X RWY 23	CYYZ-IAP-3L	DEDKI FIVE DEP (DEDKI5.)
RNAV (GNSS) Z RWY 24L	CYYZ-IAP-3M	TRANSITION ROUTES
RNAV (GNSS) X RWY 24L	CYYZ-IAP-3N	SID (RNAV)
RNAV (GNSS) Z RWY 24R	CYYZ-IAP-3O	DUSOM THREE DEP (DUSOM3.)
RNAV (GNSS) X RWY 24R	CYYZ-IAP-3P	SID (RNAV)
RNAV (GNSS) Z RWY 33L	CYYZ-IAP-3Q	DUSOM THREE DEP (DUSOM3.)
RNAV (GNSS) Z RWY 33R	CYYZ-IAP-3R	DEPARTURE ROUTES
SID (RNAV)		SID (RNAV)
ANCOL FIVE DEP (ANCOL5.)	CYYZ-SID-1A	DUSOM THREE DEP (DUSOM3.)
SID (RNAV)		DEPARTURE ROUTES
ANCOL FIVE DEP (ANCOL5.)	CYYZ-SID-1B	SID (RNAV)
SID (RNAV)		DUSOM THREE DEP (DUSOM3.)
ANCOL FIVE DEP (ANCOL5.)	CYYZ-SID-1C	TRANSITION ROUTES
SID (VECTOR)		SID (RNAV)
ARROW FOUR DEP (ARROW4.)	CYYZ-SID-2A	EBKIN FOUR DEP (EBKIN4.)
SID (VECTOR)		SID (RNAV)
ARROW FOUR DEP (ARROW4.)	CYYZ-SID-2B	EBKIN FOUR DEP (EBKIN4.)
SID (RNAV)		DEPARTURE ROUTES
AVSEP SEVEN DEP (AVSEP7.)	CYYZ-SID-3A	SID (RNAV)
SID (RNAV)		EBKIN FOUR DEP (EBKIN4.)
AVSEP SEVEN DEP (AVSEP7.)		DEPARTURE ROUTES
DEPARTURE ROUTES	CYYZ-SID-3B	SID (RNAV)
SID (RNAV)		EBKIN FOUR DEP (EBKIN4.)
AVSEP SEVEN DEP (AVSEP7.)		TRANSITION ROUTES
DEPARTURE ROUTES	CYYZ-SID-3C	SID (RNAV)
SID (RNAV)		GOPUP FOUR DEP (GOPUP4.)
AVSEP SEVEN DEP (AVSEP7.)		SID (RNAV)
TRANSITION ROUTES	CYYZ-SID-3D	DEPARTURE ROUTES
SID (RNAV)		SID (RNAV)
BETES THREE DEP (BETES3.)	CYYZ-SID-4A	GOPUP FOUR DEP (GOPUP4.)
SID (RNAV)		DEPARTURE ROUTES
BETES THREE DEP (BETES3.)		SID (RNAV)
DEPARTURE ROUTES	CYYZ-SID-4B	GOPUP FOUR DEP (GOPUP4.)
		TRANSITION ROUTES

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

SID (RNAV)	
IKLEN THREE DEP (IKLEN3.)	..... CYYZ-SID-10A
SID (RNAV)	
IKLEN THREE DEP (IKLEN3.)	..... CYYZ-SID-10B
SID (RNAV)	
IKLEN THREE DEP (IKLEN3.)	..... CYYZ-SID-10C
SID (RNAV)	
KEPTA THREE DEP (KEPTA3.)	..... CYYZ-SID-11A
SID (RNAV)	
KEPTA THREE DEP (KEPTA3.)	..... CYYZ-SID-11B
DEPARTURE ROUTES	..... CYYZ-SID-11C
SID (RNAV)	
KEPTA THREE DEP (KEPTA3.)	..... CYYZ-SID-11C
DEPARTURE ROUTES	..... CYYZ-SID-11C
SID (RNAV)	
KEPTA THREE DEP (KEPTA3.)	..... CYYZ-SID-11D
TRANSITION ROUTES	..... CYYZ-SID-11D
SID (RNAV)	
KISEP FOUR DEP (KISEP4.)	..... CYYZ-SID-12A
SID (RNAV)	
KISEP FOUR DEP (KISEP4.)	..... CYYZ-SID-12B
DEPARTURE ROUTES	..... CYYZ-SID-12B
SID (RNAV)	
KISEP FOUR DEP (KISEP4.)	..... CYYZ-SID-12C
DEPARTURE ROUTES	..... CYYZ-SID-12C
SID (RNAV)	
KISEP FOUR DEP (KISEP4.)	..... CYYZ-SID-12D
TRANSITION ROUTES	..... CYYZ-SID-12D
SID (RNAV)	
LAKES FOUR DEP (LAKES4.)	..... CYYZ-SID-13A
SID (RNAV)	
LAKES FOUR DEP (LAKES4.)	..... CYYZ-SID-13B
SID (RNAV)	
LAKES FOUR DEP (LAKES4.)	..... CYYZ-SID-13C
SID (RNAV)	
MATES SIX DEP (MATES6.)	..... CYYZ-SID-14A
SID (RNAV)	
MATES SIX DEP (MATES6.)	..... CYYZ-SID-14B
SID (RNAV)	
MATES SIX DEP (MATES6.)	..... CYYZ-SID-14C
SID (RNAV)	
MATES SIX DEP (MATES6.)	..... CYYZ-SID-14C
SID (RNAV)	
MAVAN THREE DEP (MAVAN3.)	..... CYYZ-SID-15A
SID (RNAV)	
MAVAN THREE DEP (MAVAN3.)	..... CYYZ-SID-15B
DEPARTURE ROUTES	..... CYYZ-SID-15B
SID (RNAV)	
MAVAN THREE DEP (MAVAN3.)	..... CYYZ-SID-15C
DEPARTURE ROUTES	..... CYYZ-SID-15C
SID (RNAV)	
MAVAN THREE DEP (MAVAN3.)	..... CYYZ-SID-15D
TRANSITION ROUTES	..... CYYZ-SID-15D
SID (RNAV)	
MIXUT SEVEN DEP (MIXUT7.)	..... CYYZ-SID-16A
SID (RNAV)	
MIXUT SEVEN DEP (MIXUT7.)	..... CYYZ-SID-16B
DEPARTURE ROUTES	..... CYYZ-SID-16B
SID (RNAV)	
MIXUT SEVEN DEP (MIXUT7.)	..... CYYZ-SID-16C
DEPARTURE ROUTES	..... CYYZ-SID-16C
SID (RNAV)	
MIXUT SEVEN DEP (MIXUT7.)	..... CYYZ-SID-16D
TRANSITION ROUTES	..... CYYZ-SID-16D
SID (RNAV)	
NOSIK FOUR DEP (NOSIK4.)	..... CYYZ-SID-17A
SID (RNAV)	
NOSIK FOUR DEP (NOSIK4.)	..... CYYZ-SID-17B
DEPARTURE ROUTES	..... CYYZ-SID-17B
SID (RNAV)	
NOSIK FOUR DEP (NOSIK4.)	..... CYYZ-SID-17C
DEPARTURE ROUTES	..... CYYZ-SID-17C
SID (RNAV)	
NOSIK FOUR DEP (NOSIK4.)	..... CYYZ-SID-17D
TRANSITION ROUTES	..... CYYZ-SID-17D
SID (RNAV)	
NUGOP SIX DEP (NUGOP6.)	..... CYYZ-SID-18A
SID (RNAV)	
NUGOP SIX DEP (NUGOP6.)	..... CYYZ-SID-18B
DEPARTURE ROUTES	..... CYYZ-SID-18B
SID (RNAV)	
NUGOP SIX DEP (NUGOP6.)	..... CYYZ-SID-18C
DEPARTURE ROUTES	..... CYYZ-SID-18C
SID (RNAV)	
NUGOP SIX DEP (NUGOP6.)	..... CYYZ-SID-18D
TRANSITION ROUTES	..... CYYZ-SID-18D
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	..... CYYZ-SID-19A
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	..... CYYZ-SID-19B
DEPARTURE ROUTES	..... CYYZ-SID-19B
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	..... CYYZ-SID-19C
DEPARTURE ROUTES	..... CYYZ-SID-19C
SID (RNAV)	
OAKVL THREE DEP (OAKVL3.)	..... CYYZ-SID-19D
TRANSITION ROUTES	..... CYYZ-SID-19D
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	..... CYYZ-SID-20A
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	..... CYYZ-SID-20B
DEPARTURE ROUTES	..... CYYZ-SID-20B
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	..... CYYZ-SID-20C
DEPARTURE ROUTES	..... CYYZ-SID-20C
SID (RNAV)	
PEMBA SIX DEP (PEMBA6.)	..... CYYZ-SID-20D
TRANSITION ROUTES	..... CYYZ-SID-20D
SID (RNAV)	
PERLO FIVE DEP (PERLO5.)	..... CYYZ-SID-21A
SID (RNAV)	
PERLO FIVE DEP (PERLO5.)	..... CYYZ-SID-21B
SID (RNAV)	
PERLO FIVE DEP (PERLO5.)	..... CYYZ-SID-21C
SID (RNAV)	
RIGUS FIVE DEP (RIGUS5.)	..... CYYZ-SID-22A
SID (RNAV)	
RIGUS FIVE DEP (RIGUS5.)	..... CYYZ-SID-22B
DEPARTURE ROUTES	..... CYYZ-SID-22B
SID (RNAV)	
RIGUS FIVE DEP (RIGUS5.)	..... CYYZ-SID-22C
DEPARTURE ROUTES	..... CYYZ-SID-22C
SID (RNAV)	
RIGUS FIVE DEP (RIGUS5.)	..... CYYZ-SID-22D
TRANSITION ROUTES	..... CYYZ-SID-22D

SID (RNAV)	
SEDOG SIX DEP (SEDOG6.)	CYYZ-SID-23A
SID (RNAV)	
SEDOG SIX DEP (SEDOG6.)	
DEPARTURE ROUTES	CYYZ-SID-23B
SID (RNAV)	
SEDOG SIX DEP (SEDOG6.)	
DEPARTURE ROUTES	CYYZ-SID-23C
SID (RNAV)	
SEDOG SIX DEP (SEDOG6.)	
TRANSITION ROUTES	CYYZ-SID-23D
SID (RNAV)	
TEVAD THREE DEP (TEVAD3.)	CYYZ-SID-24A
SID (RNAV)	
TEVAD THREE DEP (TEVAD3.)	CYYZ-SID-24B
SID (RNAV)	
TEVAD THREE DEP (TEVAD3.)	CYYZ-SID-24C
SID (VECTOR)	
TORONTO FOUR DEP (TRNTO4.)	CYYZ-SID-25A
SID (VECTOR)	
TORONTO FOUR DEP (TRNTO4.)	CYYZ-SID-25B
SID (RNAV)	
TULEK FOUR DEP (TULEK4.)	CYYZ-SID-26A
SID (RNAV)	
TULEK FOUR DEP (TULEK4.)	
DEPARTURE ROUTES	CYYZ-SID-26B
SID (RNAV)	
TULEK FOUR DEP (TULEK4.)	
DEPARTURE ROUTES	CYYZ-SID-26C
SID (RNAV)	
TULEK FOUR DEP (TULEK4.)	
TRANSITION ROUTES	CYYZ-SID-26D
SID (RNAV)	
URSAL FOUR DEP (URSAL4.)	CYYZ-SID-27A
SID (RNAV)	
URSAL FOUR DEP (URSAL4.)	
DEPARTURE ROUTES	CYYZ-SID-27B
SID (RNAV)	
URSAL FOUR DEP (URSAL4.)	
DEPARTURE ROUTES	CYYZ-SID-27C
SID (RNAV)	
URSAL FOUR DEP (URSAL4.)	
TRANSITION ROUTES	CYYZ-SID-27D
SID (RNAV)	
VERDO SEVEN DEP (VERDO7.)	CYYZ-SID-28A
SID (RNAV)	
VERDO SEVEN DEP (VERDO7.)	
DEPARTURE ROUTES	CYYZ-SID-28B
SID (RNAV)	
VERDO SEVEN DEP (VERDO7.)	
DEPARTURE ROUTES	CYYZ-SID-28C
SID (RNAV)	
VERDO SEVEN DEP (VERDO7.)	
TRANSITION ROUTES	CYYZ-SID-28D
DEPARTURE PROCEDURE	CYYZ-DP
NOISE OPERATING RESTRICTIONS	CYYZ-NOR-1
NOISE ABATEMENT PROCEDURES	CYYZ-NOR-2
AERODROME CHART	CYYZ-AD-1
AERODROME CHART (HIRO)	CYYZ-AD-2
AERODROME CHART (REDUCED TAKE-OFF RUNS)	CYYZ-AD-3

ADVISORY CHART	CYYZ-GM-1A
TAXI CHART	CYYZ-GM-1B
TAXI CHART	CYYZ-GM-1C
TAXI CHART	CYYZ-GM-1D
LOW VISIBILITY PROCEDURES	CYYZ-GM-3A
LOW VISIBILITY TAXI CHART LAND RWY 05, DEPART RWY 05 (RVR LESS THAN 1200 TO 600 FT)	CYYZ-GM-3B
LOW VISIBILITY TAXI CHART LAND RWY 06L, DEPART RWY 06L (RVR LESS THAN 1200 TO 600 FT)	CYYZ-GM-3C
LOW VISIBILITY TAXI CHART LAND RWY 06L, DEPART RWY 33R (RVR LESS THAN 1200 TO 600 FT)	CYYZ-GM-3D
DE-ICING OPERATIONS	CYYZ-GM-4A
CENTRAL DE-ICING FACILITY	CYYZ-GM-4B
ENGINE FAN BLADE ICE SHEDDING PROCEDURES	CYYZ-GM-4C
ENGINE FAN BLADE ICE SHEDDING PROCEDURES	CYYZ-GM-4D
ENGINE FAN BLADE ICE SHEDDING PROCEDURES	CYYZ-GM-4E
PARKING AREAS (TERMINAL 1)	CYYZ-APD-1
PARKING AREAS (TERMINAL 1 EAST HOLD)	CYYZ-APD-2
PARKING AREAS (TERMINAL 3)	CYYZ-APD-3
TAXILANE LIMITATIONS	CYYZ-APD-4
TAXILANE LIMITATIONS	CYYZ-APD-5
PARKING AREAS (INFIELD)	CYYZ-APD-6
PARKING AREAS (FEDEX)	CYYZ-APD-7
COMMUTER PARKING AREAS	CYYZ-APD-8

TORONTO/OSHAWA EXECUTIVE AIRPORT, ON

RNAV (GNSS) RWY 05	CYOO-IAP-3A
RNAV (GNSS) RWY 12	CYOO-IAP-3B
RNAV (GNSS) RWY 23	CYOO-IAP-3C
RNAV (GNSS) RWY 30	CYOO-IAP-3D
SID (VECTOR)	
OSHAWA FOUR DEP (CYO04.)	CYOO-SID-1A
SID (VECTOR)	
OSHAWA FOUR DEP (CYO04.)	CYOO-SID-1B
NOISE ABATEMENT PROCEDURES	CYOO-NOR
AERODROME CHART	CYOO-AD

TRENTON, ON

ILS/DME RWY 06 (DND)	CYTR-IAP-2A
ILS RWY 24 (DND)	CYTR-IAP-2B
RNAV (GNSS) RWY 06 (DND)	CYTR-IAP-3A
RNAV (GNSS) RWY 24 (DND)	CYTR-IAP-3B
NDB RWY 06 (DND)	CYTR-IAP-9A
NDB RWY 24 (DND)	CYTR-IAP-9B
SID (VECTOR)	
COUNTY ONE DEP (COUNTY1.)(DND)	CYTR-SID-1A
SID (VECTOR)	
COUNTY ONE DEP (COUNTY1.)(DND)	CYTR-SID-1B
SID (VECTOR)	
TRENTON ONE DEP (CYTR1.)(DND)	CYTR-SID-2A

SID (VECTOR)
 TRENTON ONE DEP (CYTR1)(DND) CYTR-SID-2B
 AERODROME CHART (DND) CYTR-AD
 PARKING AREAS (DND) CYTR-APD

VICTOR MINE, ON

RNAV (GNSS) RWY 10 CVM2-IAP-3A
 RNAV (GNSS) RWY 28 CVM2-IAP-3B
 AERODROME CHART CVM2-AD

WAWA, ON

RNAV (GNSS) RWY 03 CYXZ-IAP-3A
 RNAV (GNSS) A CYXZ-IAP-3B
 AERODROME CHART CYXZ-AD

WEBEQUIE, ON

RNAV (GNSS) RWY 02 CYWP-IAP-3A
 RNAV (GNSS) RWY 20 CYWP-IAP-3B
 AERODROME CHART CYWP-AD

WELLAND/NIAGARA CENTRAL

DOROTHY RUNGELING, ON

RNAV (GNSS) RWY 05 CNQ3-IAP-3
 DEPARTURE PROCEDURE CNQ3-DP
 AERODROME CHART CNQ3-AD

WIARTON, ON

RNAV (GNSS) RWY 05 CYVV-IAP-3A
 RNAV (GNSS) RWY 23 CYVV-IAP-3B
 VOR/DME RWY 05 CYVV-IAP-5A
 VOR/DME RWY 23 CYVV-IAP-5B
 VOR RWY 05 CYVV-IAP-6A
 VOR RWY 23 CYVV-IAP-6B
 AERODROME CHART CYVV-AD

WINDSOR, ON

STAR (RNAV)
 FOREY TWO ARR (FOREY.FOREY2)
 TRANSITION ROUTES CYQG-STAR-1A
 STAR (RNAV)
 FOREY TWO ARR (FOREY.FOREY2)
 ARRIVAL ROUTES CYQG-STAR-1B
 STAR (RNAV)
 GIGGY TWO ARR (GIGGY.GIGGY2)
 TRANSITION ROUTES CYQG-STAR-2A

STAR (RNAV)
 GIGGY TWO ARR (GIGGY.GIGGY2)
 ARRIVAL ROUTES CYQG-STAR-2B
 STAR (RNAV)
 PETTE TWO ARR (PETTE.PETTE2)
 TRANSITION ROUTES CYQG-STAR-3A
 STAR (RNAV)
 PETTE TWO ARR (PETTE.PETTE2)
 ARRIVAL ROUTES CYQG-STAR-3B
 STAR (RNAV)
 RRALF THREE ARR (RRALF.RRALF3)
 TRANSITION ROUTES CYQG-STAR-4A
 STAR (RNAV)
 RRALF THREE ARR (RRALF.RRALF3)
 ARRIVAL ROUTES CYQG-STAR-4B
 ILS RWY 25 CYQG-IAP-2
 RNAV (GNSS) RWY 07 CYQG-IAP-3A
 RNAV (GNSS) RWY 25 CYQG-IAP-3B
 RNAV (GNSS) RWY 30 CYQG-IAP-3C
 SID (RNAV)
 FLOKA ONE DEP (FLOKA1.) CYQG-SID-1A
 SID (RNAV)
 FLOKA ONE DEP (FLOKA1.)
 DEPARTURE ROUTES CYQG-SID-1B
 SID (RNAV)
 FLOKA ONE DEP (FLOKA1.)
 TRANSITION ROUTES CYQG-SID-1C
 SID (RNAV)
 MALTB ONE DEP (MALTB1.) CYQG-SID-2A
 SID (RNAV)
 MALTB ONE DEP (MALTB1.) CYQG-SID-2B
 SID (VECTOR)
 WINDSOR FIVE DEP (CYQG5.) CYQG-SID-3A
 SID (VECTOR)
 WINDSOR FIVE DEP (CYQG5.) CYQG-SID-3B
 AERODROME CHART CYQG-AD

WINGHAM/RICHARD W. LEVAN, ON

RNAV (GNSS) RWY 31 CPR7-IAP-3
 AERODROME CHART CPR7-AD

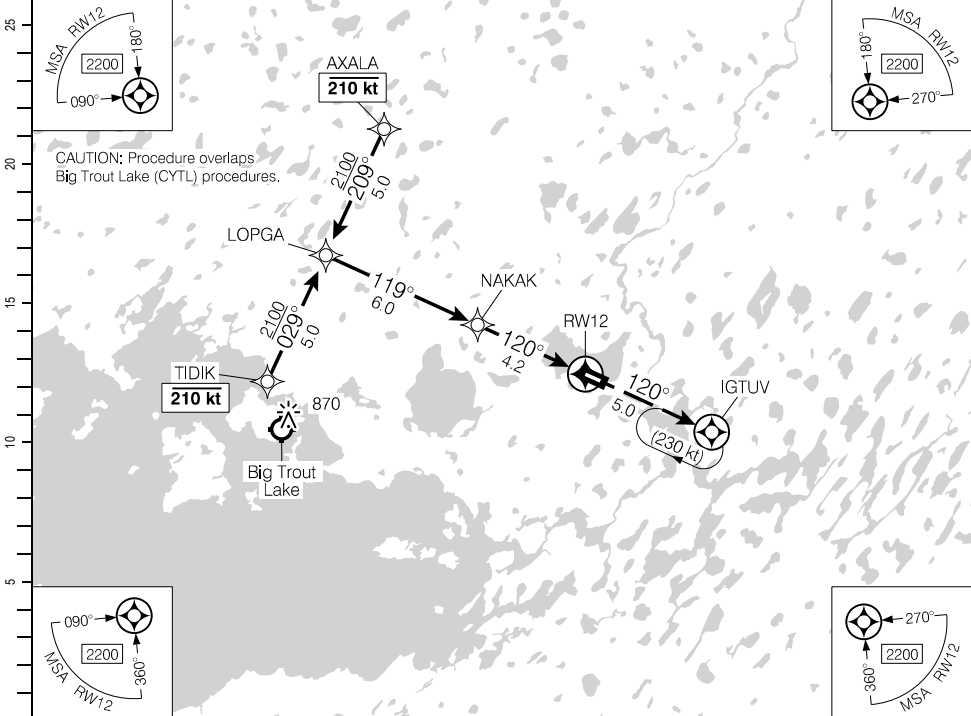
WUNNUMIN LAKE, ON

RNAV (GNSS) RWY 16 CKL3-IAP-3A
 RNAV (GNSS) RWY 34 CKL3-IAP-3B
 AERODROME CHART CKL3-AD

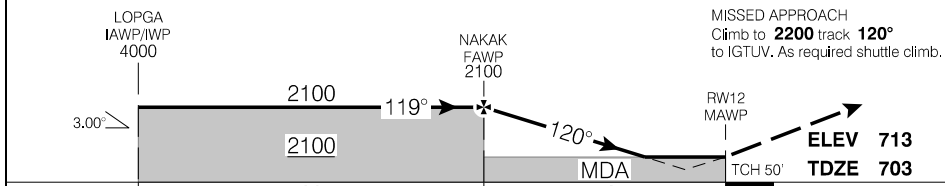
RNAV (GNSS) RWY 12

535057N 0893446W VAR 5°W

AWOS Big Trout Lake - 128.7		TFC - 123.2			ARCAL 123.2(K)	
SAFE ALT 100 NM 2600		RNAV	APCH CRS 120°	MIN ALT NAKAK 1300	LDA 3609	Ⓜ 2



(NM)		10.2	9	8	7	6	5	4.2	3	2	1.4	DIST FROM RW12
		4000	3620	3300	2980	2660	2340	2100	1700	1380	1200	ALT (3.00° APCH PATH)



RASS: Use CYTL.			CATEGORY	A	B	C	D
			LNAV	1200		(503)	1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 12

EFF 25 JAN 24

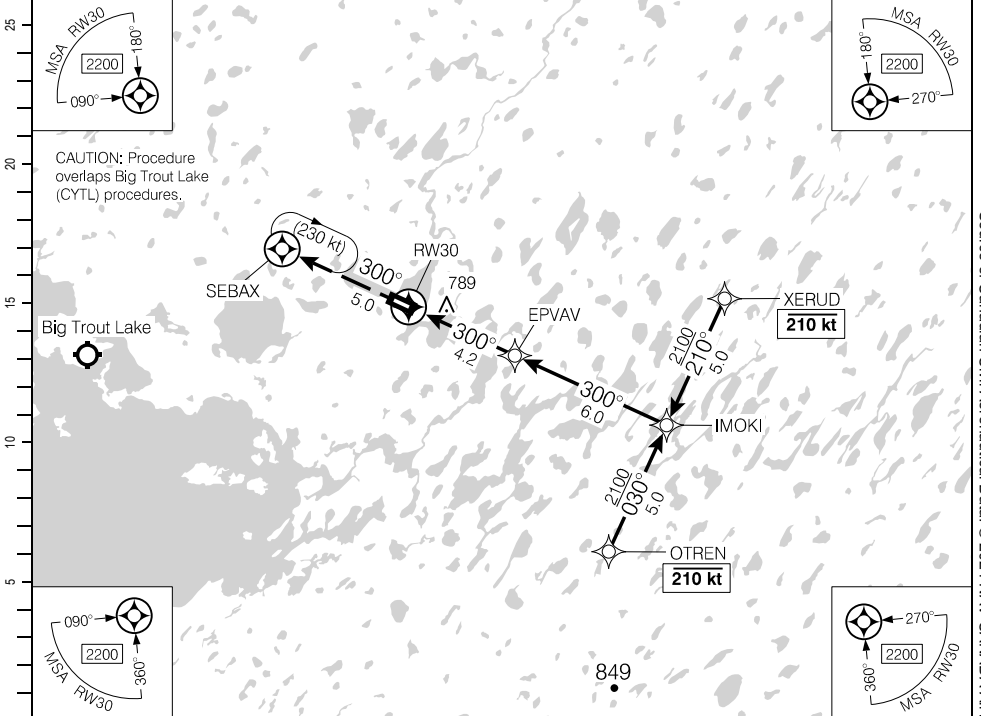
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 30

535057N 0893446W VAR 5°W

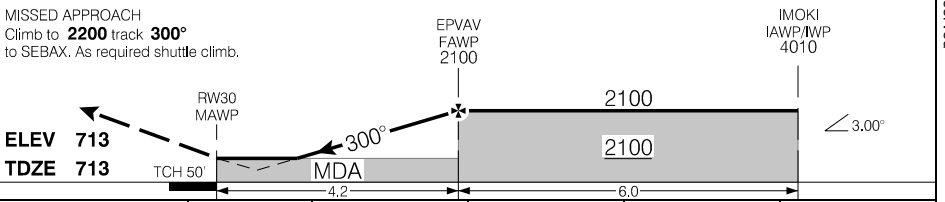
CKB6

AWOS Big Trout Lake - 128.7		TFC - 123.2			ARCAL 123.2(K)	
SAFE ALT 100 NM 2600		WAAS Ch 81081 W30A	APCH CRS 300°	MIN ALT EPVAV 2100	LDA 3609	AS



CAUTION: Procedure overlaps Big Trout Lake (CYTL) procedures.

DIST FROM RW30	1.4	2	3	4.2	5	6	7	8	9	10.2
ALT (3.00° APCH PATH)	1220	1400	1720	2100	2360	2680	2990	3310	3630	4010



RASS: Use CYTL.				CATEGORY	A	B	C	D
				LPV	1213	(500)		1¼
				LNAV	1220	(507)		1½
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

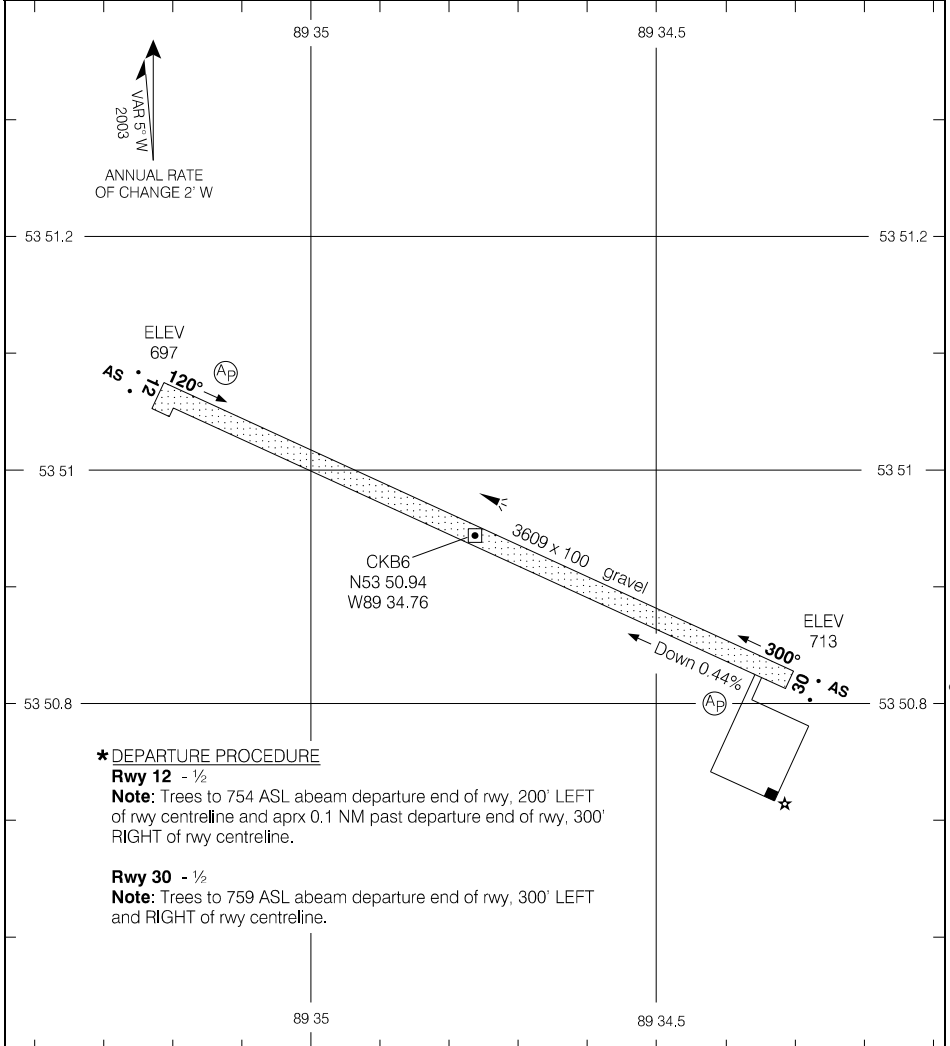
RNAV (GNSS) RWY 30

CKB6

EFF 25 JAN 24

AERODROME CHART

AWOS Big Trout Lake - 128.7				TFC - 123.2		ATF	
DECL DIST	12	30					
TORA	3609	3609					
TODA	3609	3609					
ASDA	3609	3609					
LDA	3609	3609					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

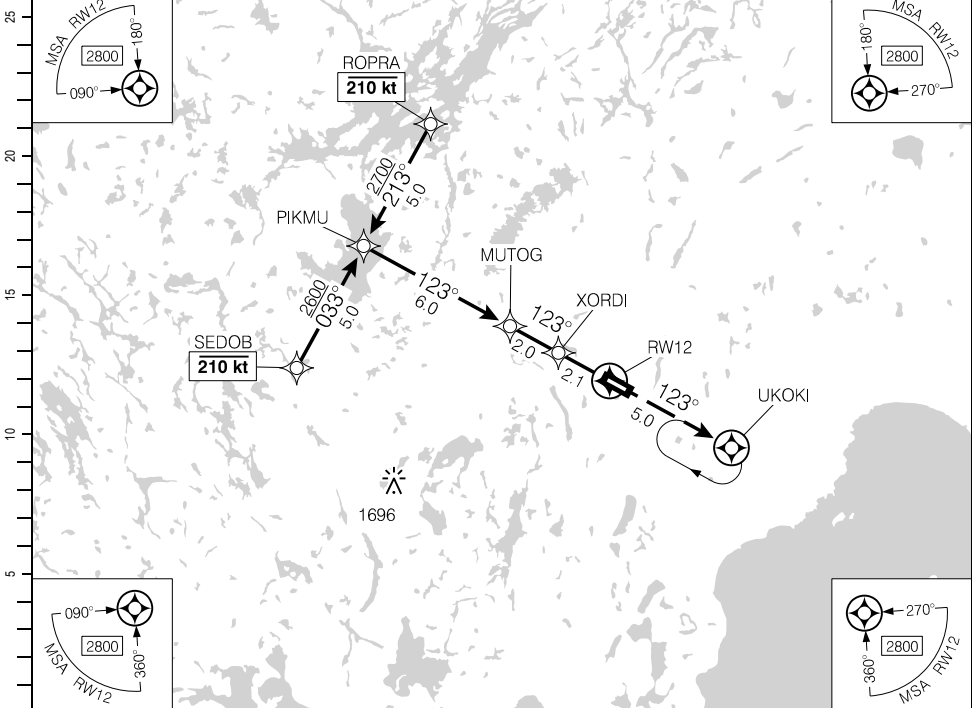
TAKE-OFF MINIMA	SCALE IN FEET
Rwys 12; 30: *	1000 0 1000

AERODROME CHART

RNAV (GNSS) RWY 12

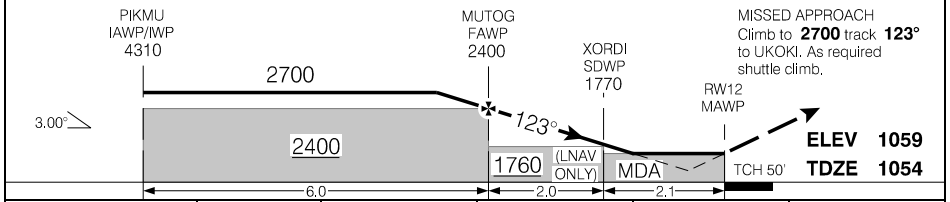
501738N 08855W VAR 4°W

MET - 128.65		TFC - 122.8			ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 3200	WAAS Ch 80495 W12A	APCH CRS 123°	MIN ALT MUTOG 2400	LDA 4006	Ⓟ	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10.1	9	8	7	6	5.0	4	3	1.6	DIST FROM RWY12
	4310	3970	3650	3330	3010	2700	2370	2060	1600	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1550	(500)		1¼
			LNAV/VNAV (min. -20°C, max. 54°C)	1655	(605)		2¼
			LNAV	1600	(550)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 12

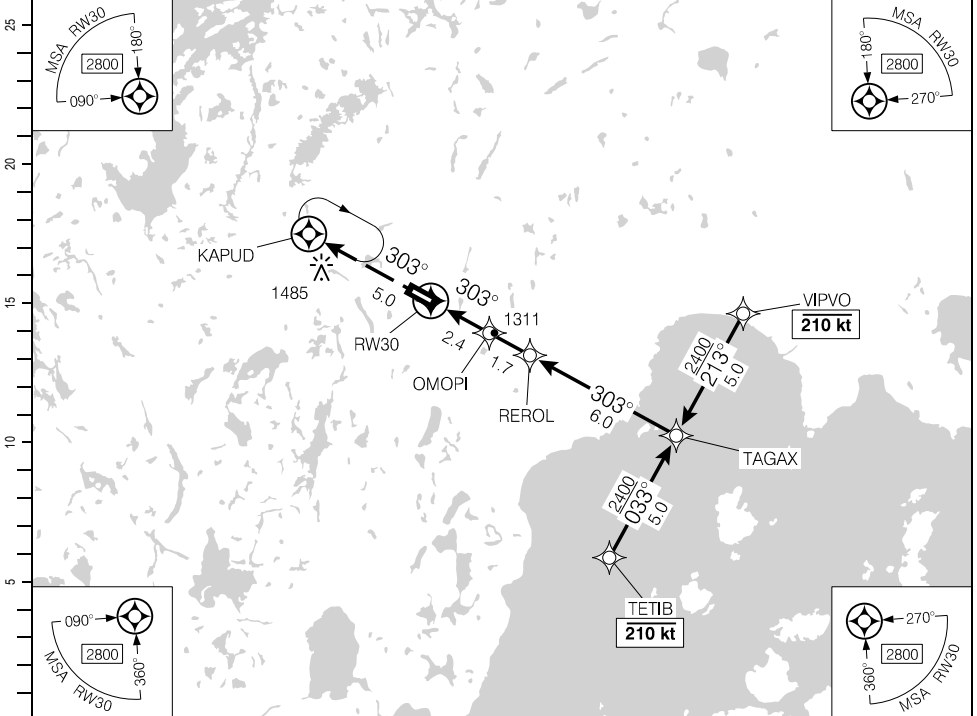
CYYW

EFF 21 MAR 24

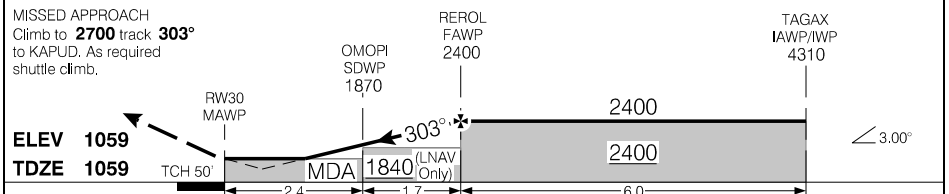
RNAV (GNSS) RWY 30

501738N 08855W VAR 4°W

MET - 128.65		TFC - 122.8			ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 3200	WAAS Ch 80496 W30A	APCH CRS 303°	MIN ALT REROL 2400	LDA 4006		



DIST FROM RW30	1.4	2	3	4.1	5	6	7	8	9	10.1		
ALT (3.00° APCH PATH)	1560	1740	2060	2400	2700	3020	3340	3650	3970	4310		



			CATEGORY	A	B	C	D
			LPV	1556	(500)		1¼
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -20°C, max. 54°C)	1556	(500)		1¼
70	370		LNAV	1560	(504)		1½
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 30

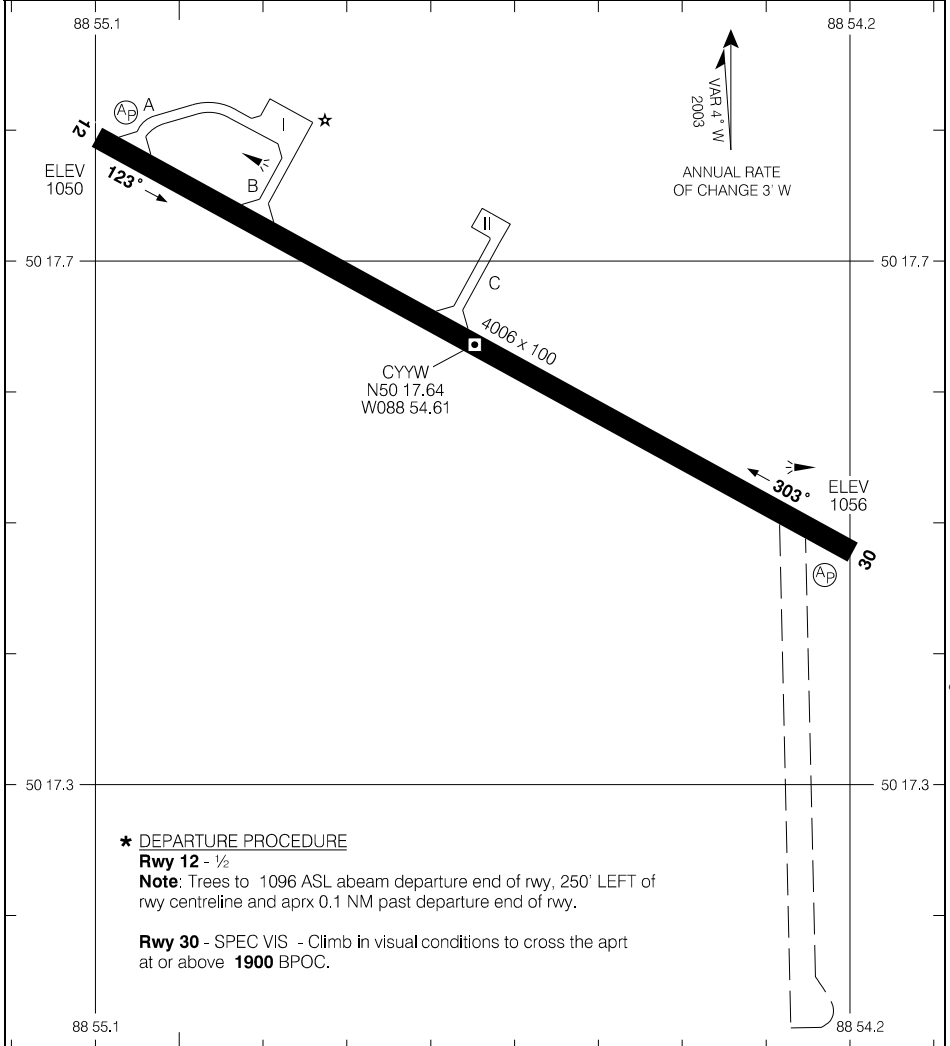
CYYW

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

MET - 128.65				TFC - 122.8		ATF	
DECL DIST	12	30					
TORA	4006	4006					
TODA	4006	4006					
ASDA	4006	4006					
LDA	4006	4006					



★ DEPARTURE PROCEDURE

Rwy 12 - 1/2

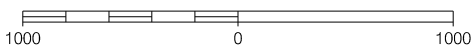
Note: Trees to 1096 ASL abeam departure end of rwy, 250' LEFT of rwy centreline and aprx 0.1 NM past departure end of rwy.

Rwy 30 - SPEC VIS - Climb in visual conditions to cross the apt at or above **1900** BPOC.

TAKE-OFF MINIMA

Rwys 12, 30: ★

SCALE IN FEET



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

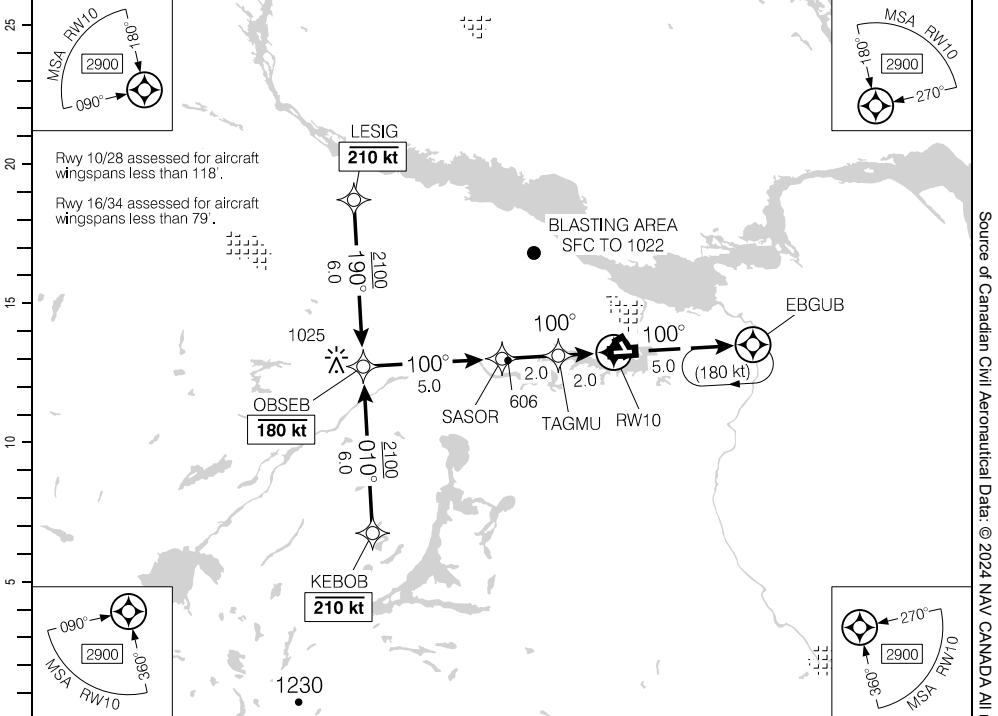
EFF 24 MAR 22

CYYW

RNAV (GNSS) RWY 10

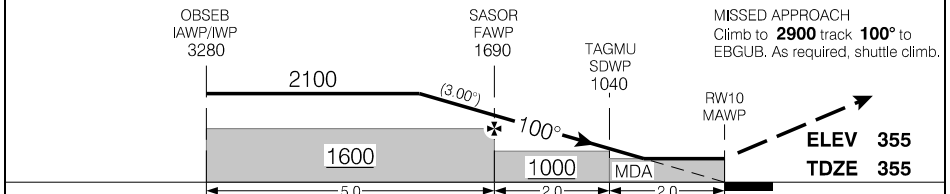
452450N 0762157W VAR 13°W

CTR Montreal – 124.27		UNICOM – 122.7			ARCAL 122.7(J)
SAFE ALT 100 NM 4800	RNAV	APCH CRS 100°	MIN ALT SASOR 1600	LDA 3937	ATF



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

					9	8	7	6	5.3	4	3	2	1.4	DIST FROM RWY10	
					3280	2950	2630	2320	2100	1690	1360	1040	840	ALT (3.00° APCH PATH)	



RASS: Use CYOW.				CATEGORY							
				A		B		C		D	
LNAV				840		(485)		1½			
Knots	ft/min	Min:Sec									
70	370										
90	480										
110	580										
130	690										
150	800										

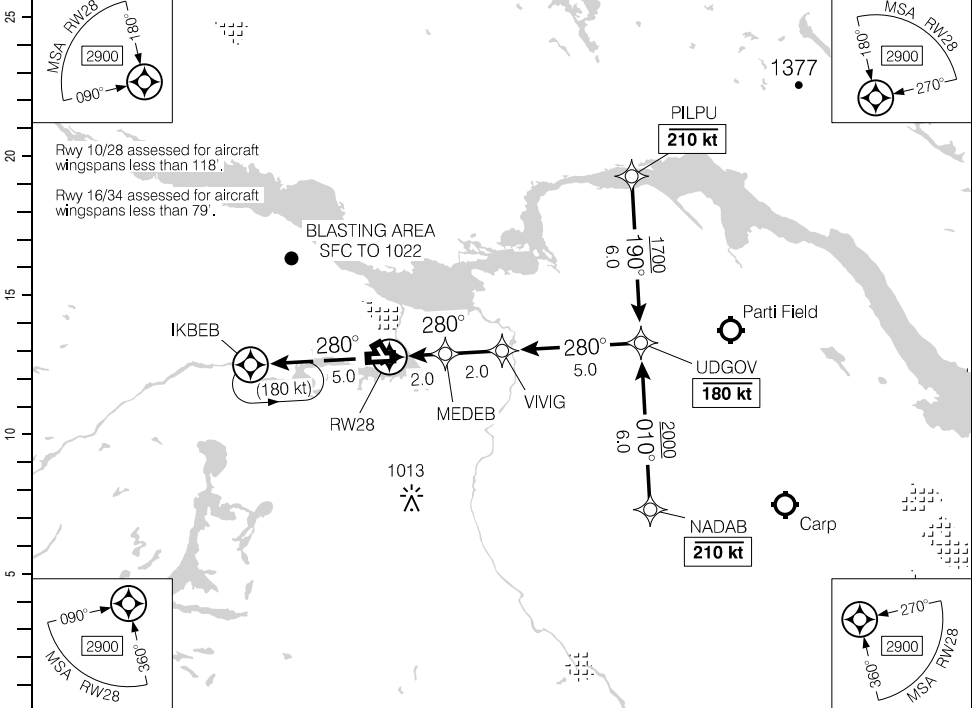
RNAV (GNSS) RWY 10

EFF 5 NOV 20

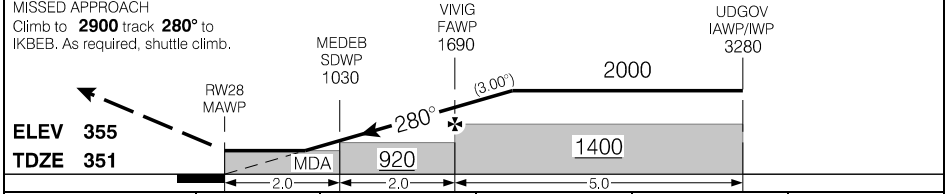
RNAV (GNSS) RWY 28

452450N 0762157W VAR 13°W

CTR Montreal – 124.27		UNICOM – 122.7			ARCAL 122.7(J)
SAFE ALT 100 NM 4800	RNAV	APCH CRS 280°	MIN ALT VIVIG 1400	LDA 3937	ATF



(NM)	DIST FROM RW28	1.4	2	3	4	5.0	6	7	8	9			
	ALT (3.00° APCH PATH)	840	1030	1350	1690	2000	2310	2630	2940	3280			



RASS: Use CYOW.		CATEGORY	A	B	C	D
		LNAV	840		(493)	1½
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 28

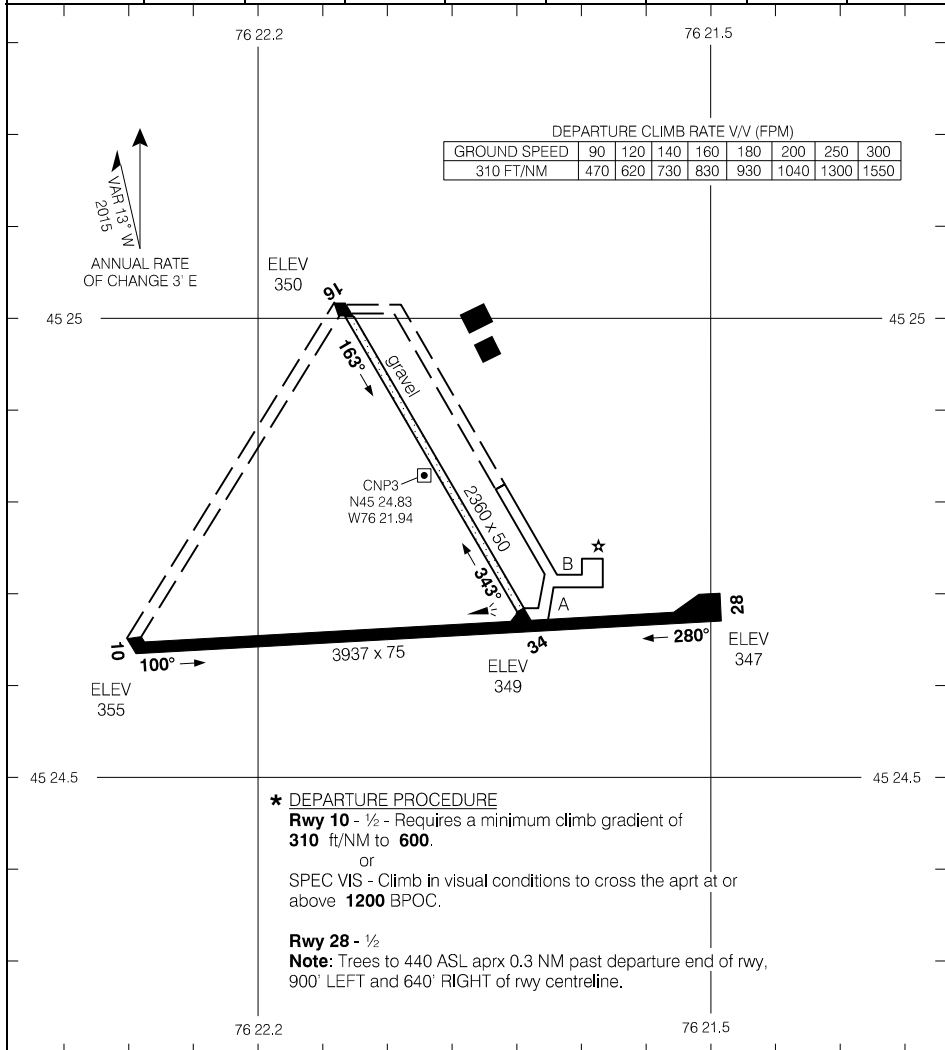
EFF 5 NOV 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				UNICOM - 122.7		CTR Montreal - 124.27	
				ATF			

DECL DIST	10	28	16	34			
TORA	3937	3937	2360	2360			
TODA	3937	3937	2360	2360			
ASDA	3937	3937	2360	2360			
LDA	3937	3937	2360	2360			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 10, 28: ★ Rwys 16, 34: NOT ASSESSED	1000 0 1000

AERODROME CHART

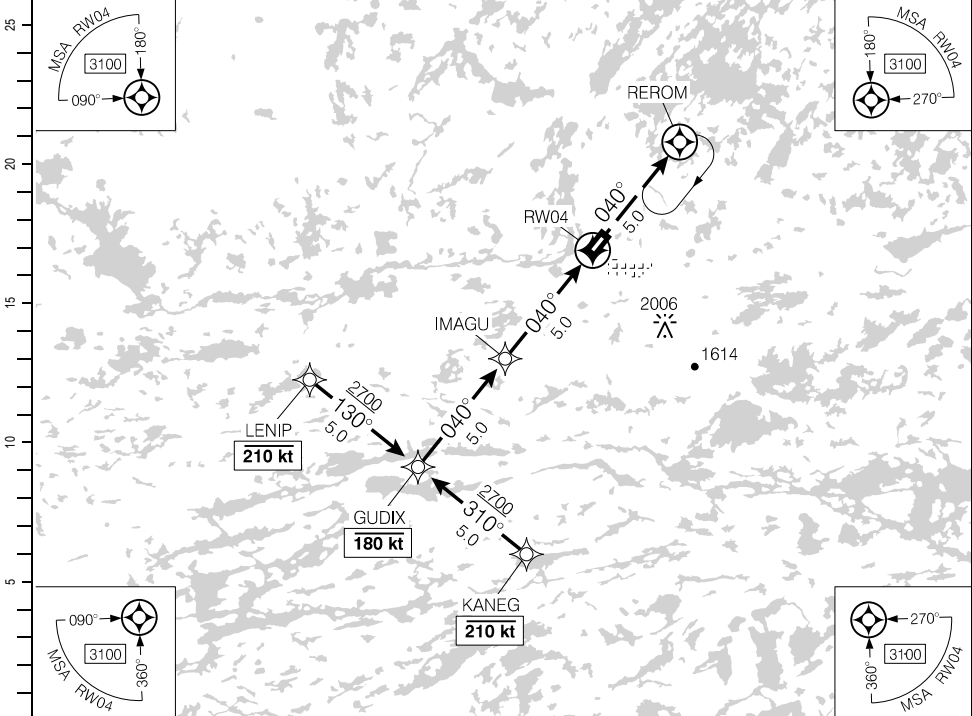
CNP3

EFF 5 NOV 20

RNAV (GNSS) RWY 04

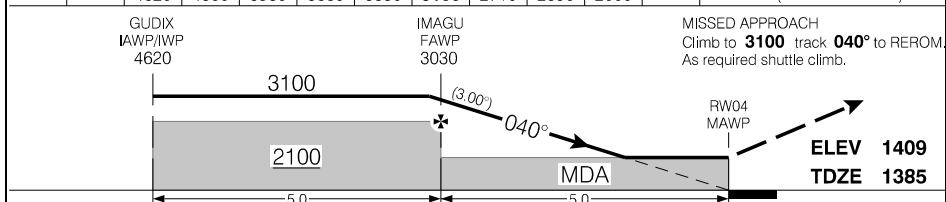
484627N 0913820W VAR 2°W

RADIO London – 123.27		TFC – 122.3		MF	ARCAL 122.3(J)
SAFE ALT 100 NM 3400	RNAV	APCH CRS 040°	MIN ALT IMAGU 2100	LDA 3495	(V1)



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5.2	4	3	1.8	DIST FROM RWY04	
	4620	4300	3980	3660	3350	3100	2710	2390	2000	ALT (3.00° APCH PATH)	



RASS: Use KELO.		CATEGORY	A	B	C	D
		RNAV	2000	(615)	2	NOT AUTHORIZED
Knobs	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 04

CYIB

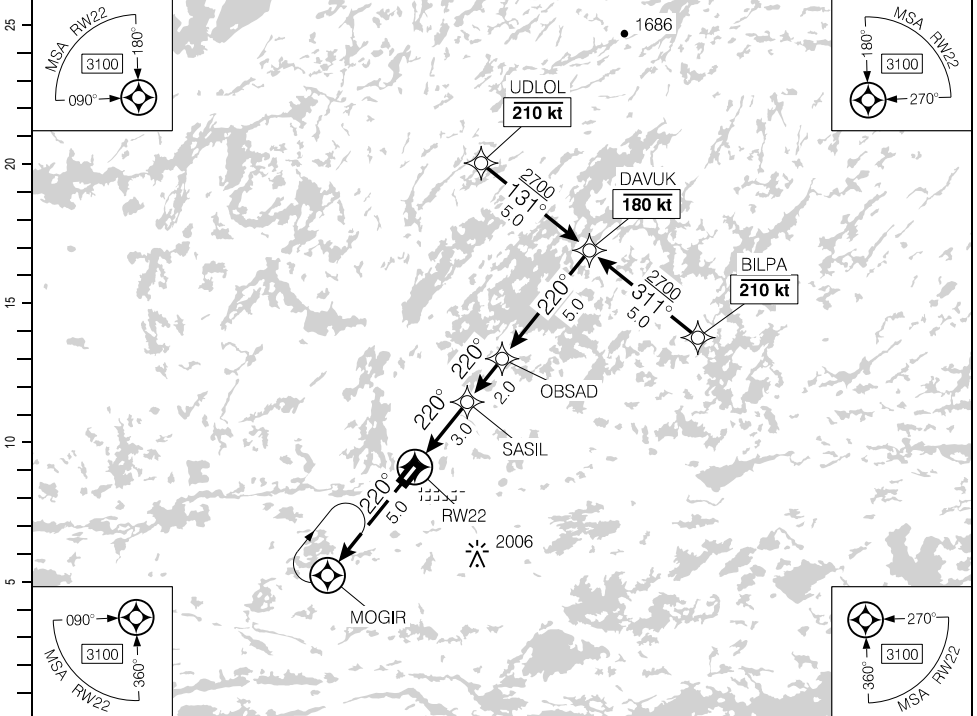
EFF 25 JAN 24

RNAV (GNSS) RWY 22

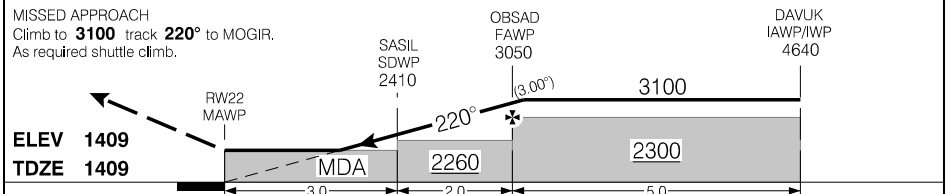
484627N 0913820W VAR 2°W

CYIB

RADIO London – 123.27		TFC – 122.3		MF	ARCAL 122.3(J)
SAFE ALT 100 NM 3400	RNAV	APCH CRS 220°	MIN ALT OBSAD 2300	LDA 3495	V1



DIST FROM RW22	2.0	3	4	5.2	6	7	8	9	10		
ALT (3.00° APCH PATH)	2080	2410	2730	3100	3370	3690	4010	4320	4640		



RASS: Use KELO.		CATEGORY	A	B	C	D
		RNAV	2080	(671)	2	NOT AUTHORIZED
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 22

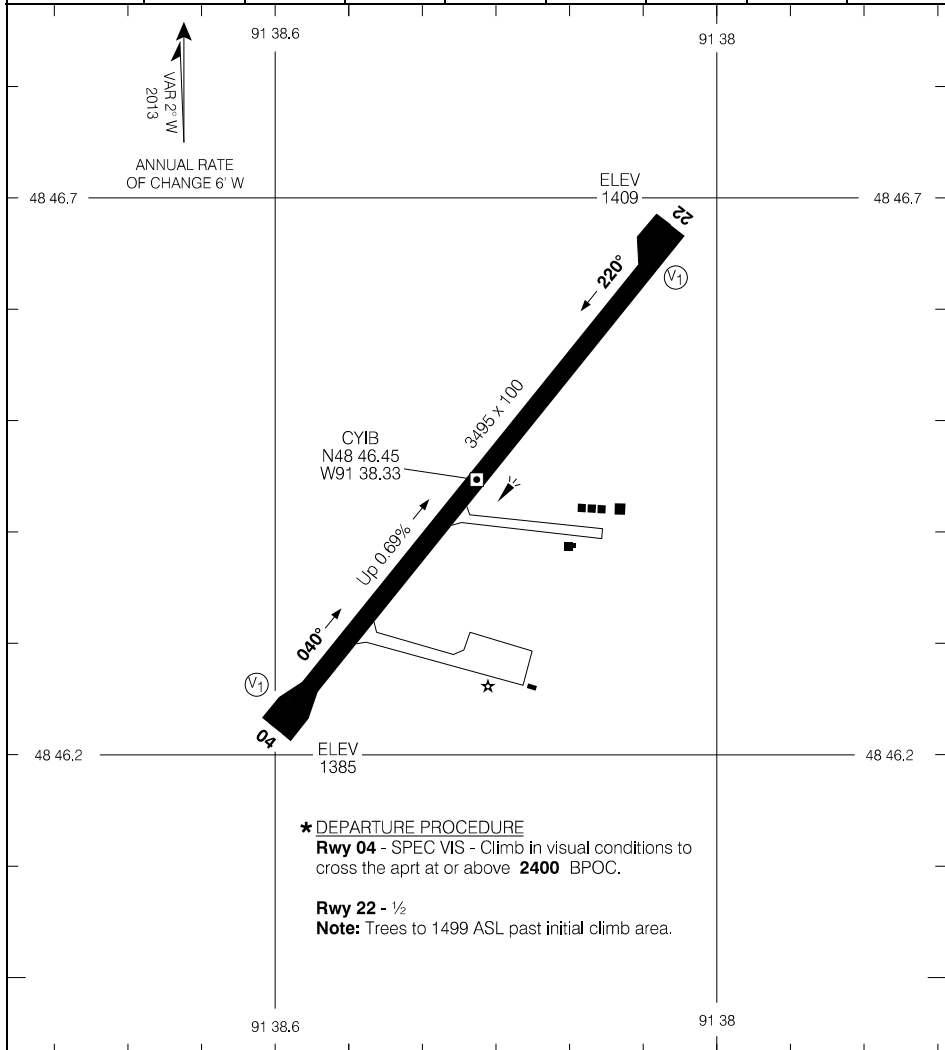
CYIB

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 122.3		RADIO London - 123.27	
DECL DIST	04	22					
TORA	3495	3495					
TODA	4479	4479					
ASDA	3495	3495					
LDA	3495	3495					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 04, 22: *	1000 0 1000

AERODROME CHART

CYIB

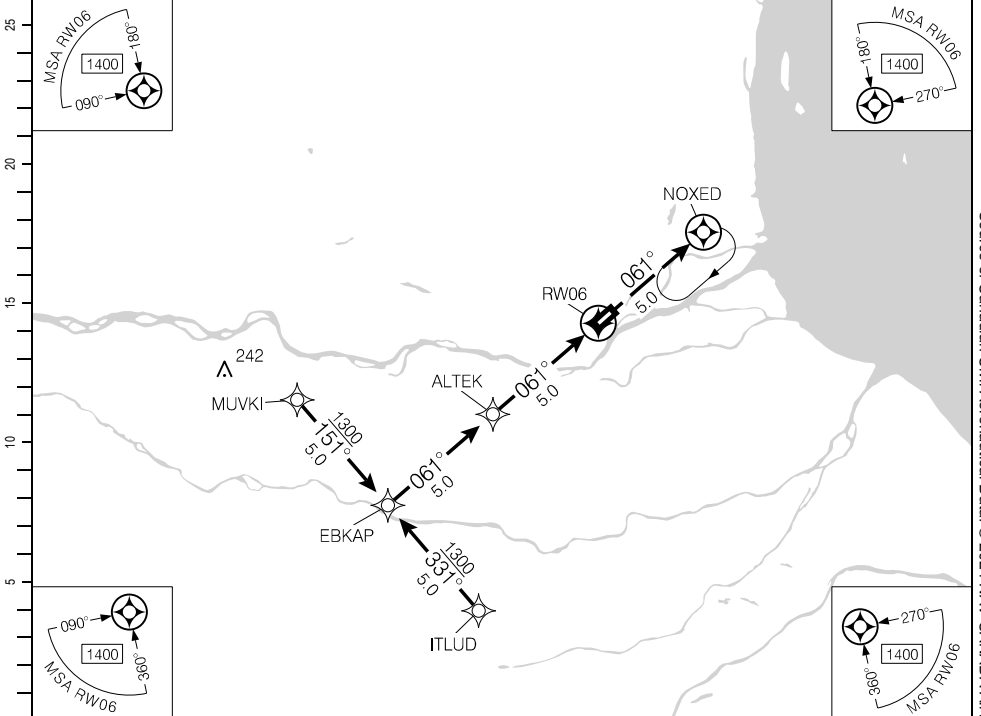
EFF 25 JAN 24

RNAV(GNSS) RWY 06

525539N 0822555W VAR 12°W

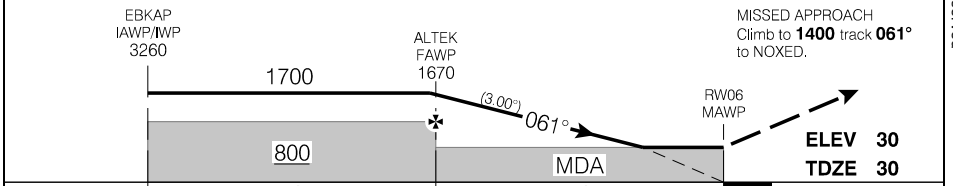
CYAT

AWOS - 128.77	TFC - 122.8			ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 1900	RNAV	APCH CRS 061°	MIN ALT ALTEK 800	LDA 3495	AS



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5.1	4	3	2	1.4	DIST FROM RWY06
	3260	2950	2630	2310	1990	1700	1350	1040	720	540	ALT (3.00° APCH PATH)



	CATEGORY	A	B	C	D
	RNAV	540	(510)	1½	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV(GNSS) RWY 06

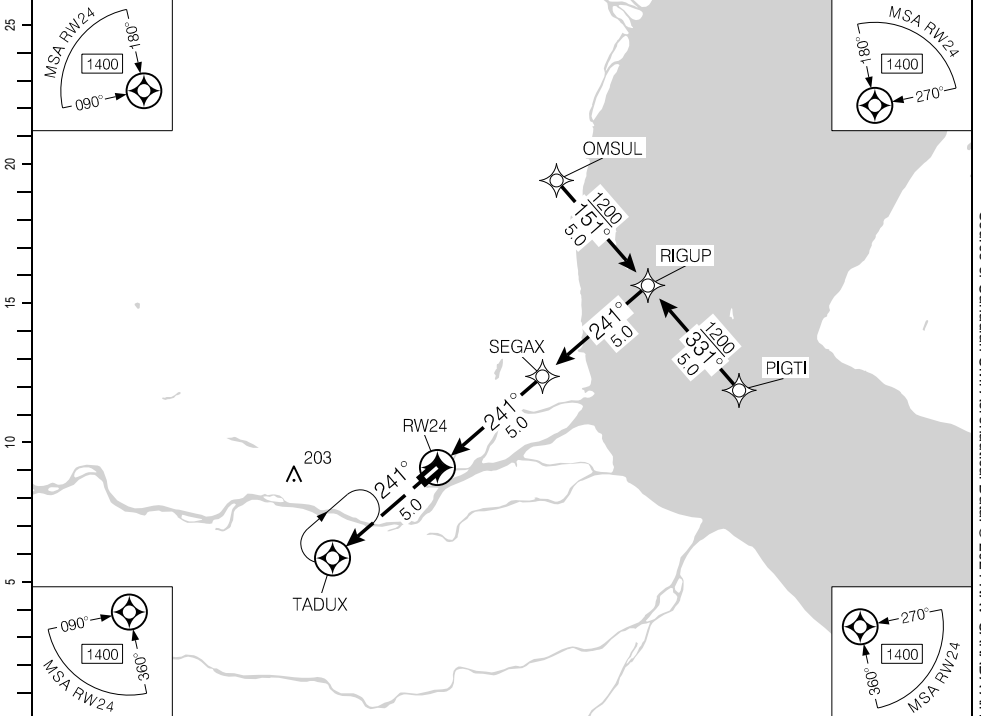
CYAT

EFF 24 MAR 22

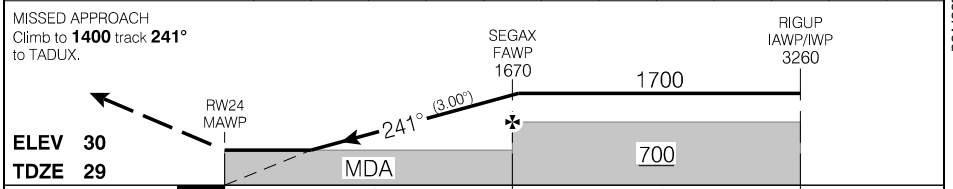
RNAV(GNSS) RWY 24

525539N 0822555W VAR 12°W

AWOS - 128.77	TFC - 122.8			ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 1900	RNAV	APCH CRS 241°	MIN ALT SEGAX 700	LDA 3495	AS



(NM)	DIST FROM RW24	1.5	2	3	4	5.1	6	7	8	9	10		
	ALT (3.00° APCH PATH)	540	710	1030	1350	1700	1990	2310	2630	2940	3260		



	CATEGORY	A	B	C	D
	LNAV	540	(511)	1½	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV(GNSS) RWY 24

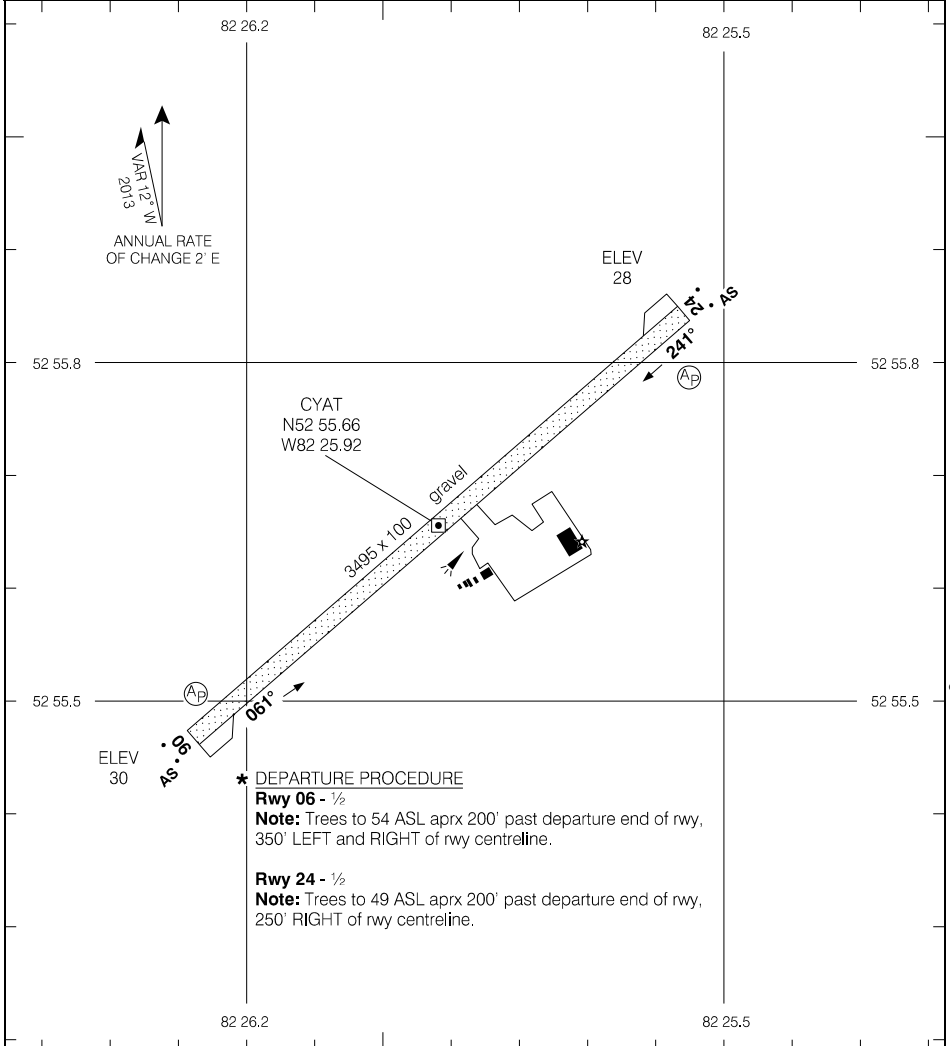
CYAT

EFF 24 MAR 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 128.77				TFC - 122.8		ATF	
DECL	DISTS	06	24				
TORA		3495	3495				
TODA		3695	3695				
ASDA		3495	3495				
LDA		3495	3495				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 06; 24: *	1000 0 1000

AERODROME CHART

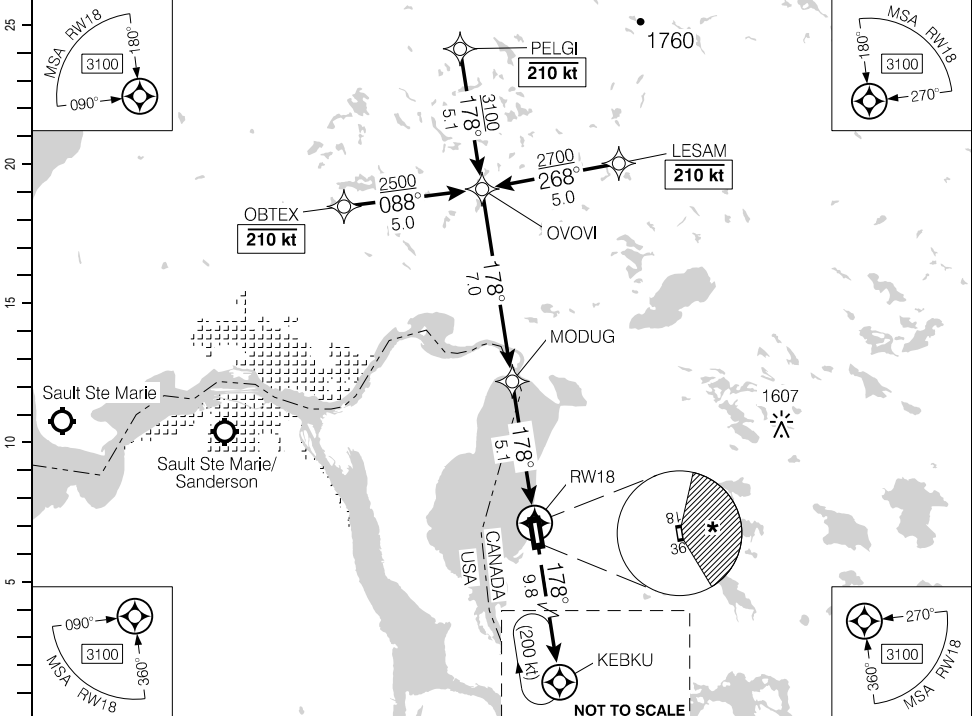
CYAT

EFF 24 MAR 22

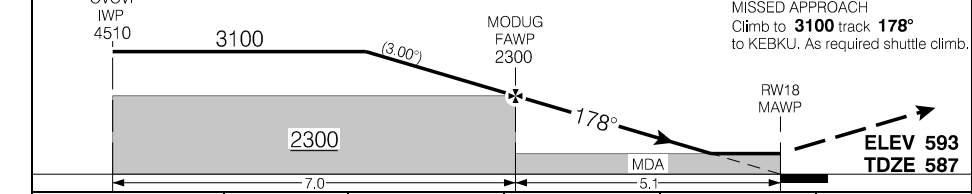
RNAV (GNSS) RWY 18

462508N 0840554W VAR 7°W

CTR Toronto – 132.65		UNICOM – 122.8			ATF
SAFE ALT 100 NM 3500	RNAV	APCH CRS 178°	MIN ALT MODUG 2300	LDA 4384	



(NM)	12.1	11	10	9	7.7	7	6	5	4	3	1.7	DIST FROM RWY18
	4510	4140	3820	3500	3100	2870	2550	2230	1910	1590	1180	ALT (3.00° APCH PATH)



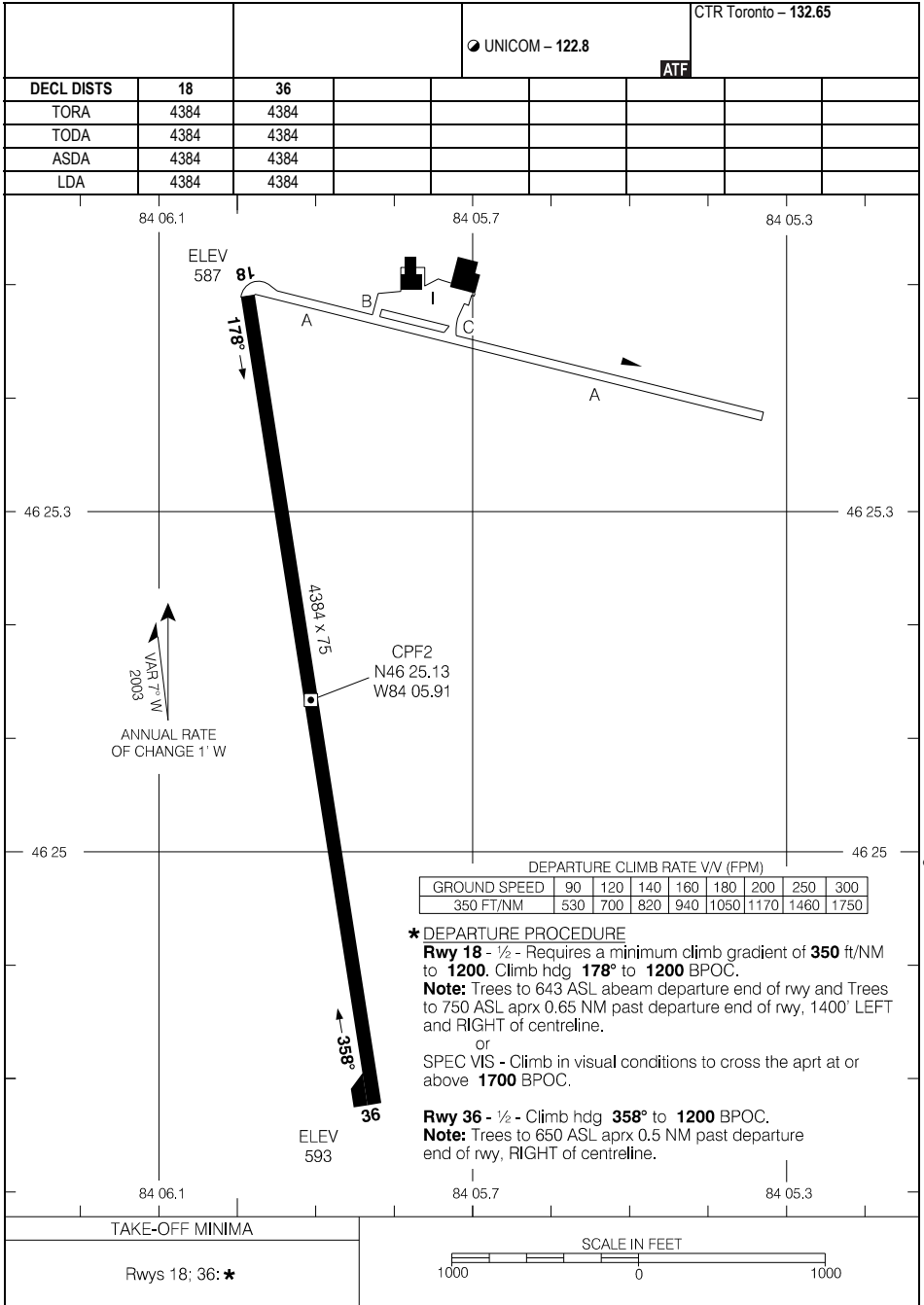
RASS: Use CYAM. When using CYZE add 180°.			CATEGORY	A	B	C	D
LNAV			1180		(593)	1¼	
CIRCLING *			1180		(587)	1¼	* 1320 (727) 2
Knots	ft/min	Min:Sec					* 1320 (727) 2¼
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 18

EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

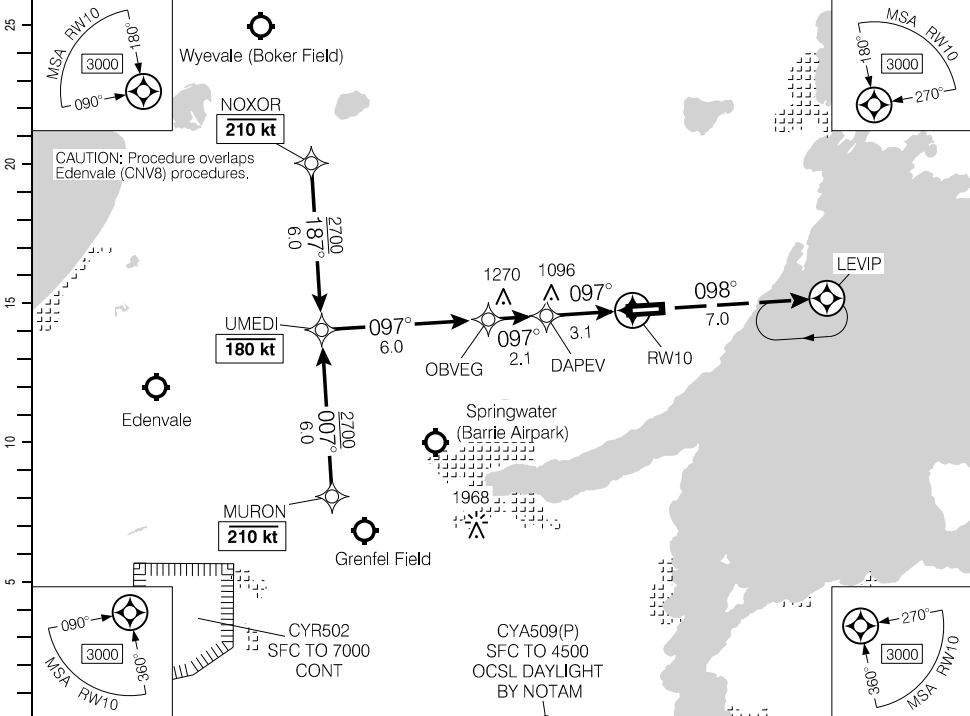
AERODROME CHART



RNAV (GNSS) Z RWY 10

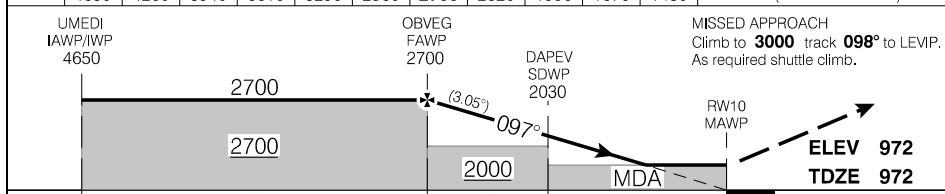
442910N 0793320W VAR 11°W

CTR Toronto - 124.02		UNICOM - 122.7		ARCAL 122.7(K)	
AUTO - 122.55		ATF		P2 2	
SAFE ALT 100 NM 3300	RNAV	APCH CRS 097°	MIN ALT OBVEG 2700	LDA 5958	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	11.2	10	9	8	7	6	5.2	4	3	2	1.4	DIST FROM RWY10	
	4650	4260	3940	3610	3290	2960	2700	2320	1990	1670	1480	ALT (3.05° APCH PATH)	



RASS: When using CNV8 add 80'.	CATEGORY	A	B	C	D
	LNAV	1480 (508)	1½	NOT AUTHORIZED	

Knots	ft/min	Min:Sec
70	380	
90	490	
110	590	
130	700	
150	810	

RNAV (GNSS) Z RWY 10

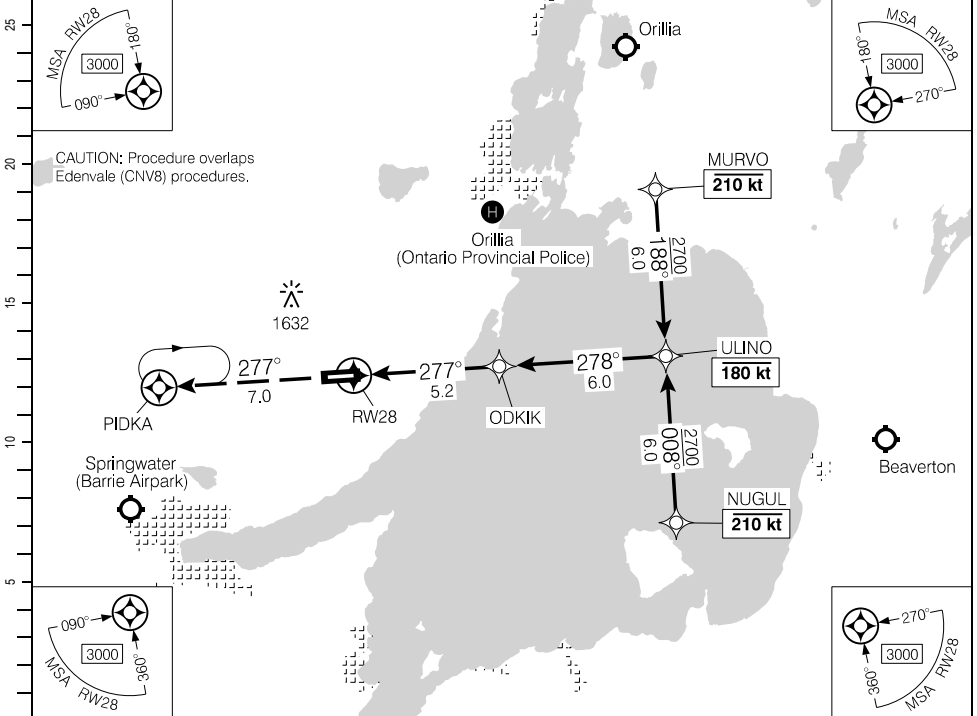
EFF 2 DEC 21

RNAV (GNSS) RWY 28

442910N 0793320W VAR 11°W

CYLS

CTR Toronto – 124.02		UNICOM – 122.7			ARCAL 122.7(K)
AUTO – 122.55		ATF			
SAFE ALT 100 NM 3300	WAAS Ch 80262 W28A	APCH CRS 277°	MIN ALT ODKIK 2700	LDA 5698	

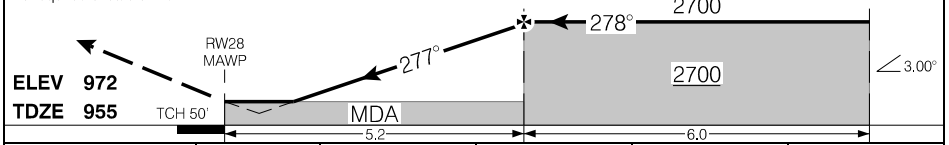


DIST FROM RWY28	1.2	2	3	4	5.3	6	7	8	9	10	11.2
ALT (3.00° APCH PATH)	1380	1640	1960	2280	2700	2920	3230	3550	3870	4190	4590

MISSED APPROACH
Climb to **3000** track **277°** to PIDKA.
As required shuttle climb.

ODKIK
FAWP
2700

ULINO
IAWP/IWP
4590



RASS: When using CNV8 add 80'.			CATEGORY	A	B	C	D
			LPV	1205	(250)		1
			LNAV	1380	(425)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

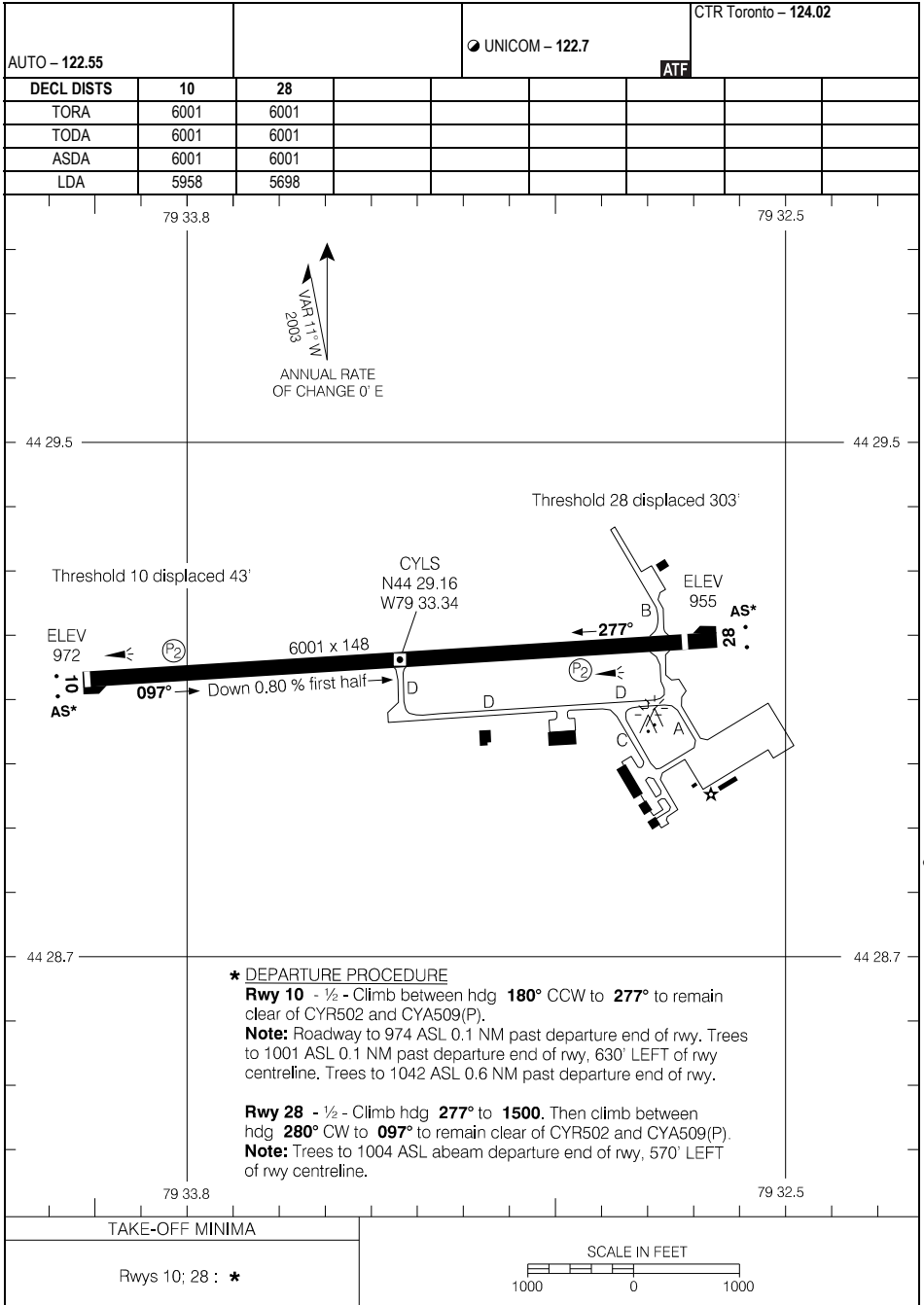
RNAV (GNSS) RWY 28

CYLS

EFF 3 NOV 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

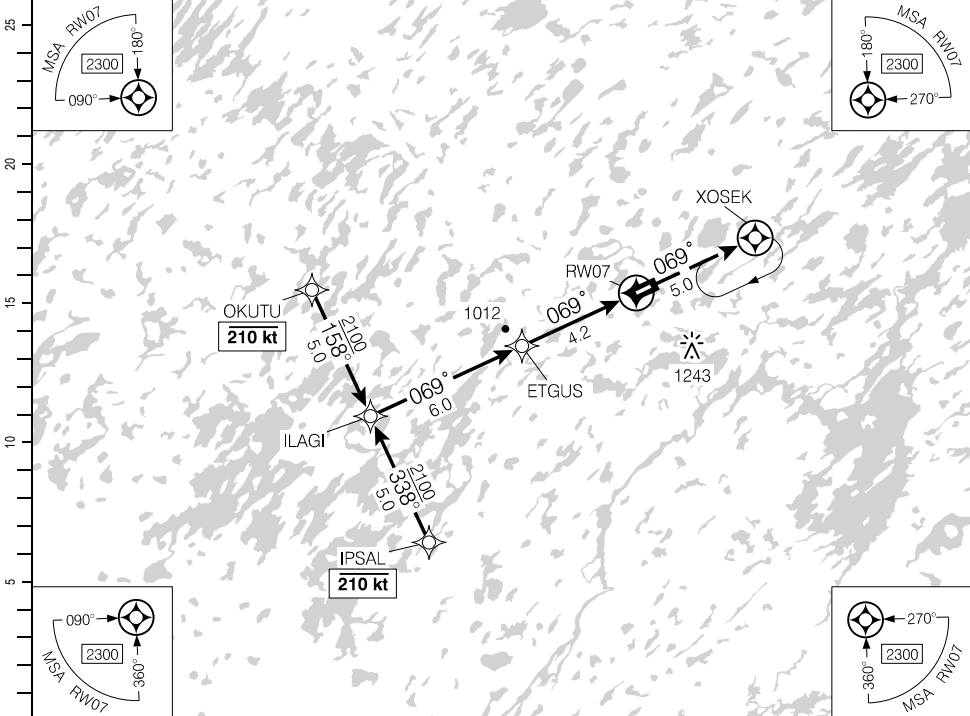


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

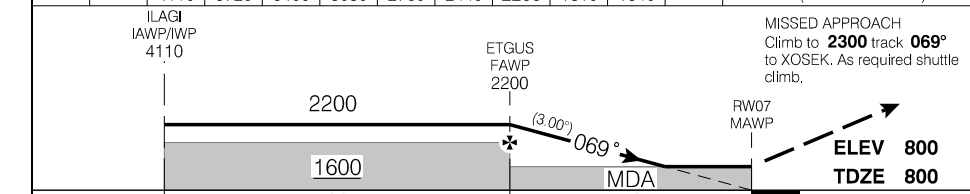
RNAV (GNSS) RWY 07

535756N 0910138W VAR 4°W

AWOS Big Trout Lake - 128.7		TFC - 123.2		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		RNAV	APCH CRS 069°	MIN ALT ETGUS 1600	LDA 3503



(NM)	10.2	9	8	7	6	5	4.2	3	1.5	DIST FROM RWY07
	4110	3720	3400	3080	2760	2440	2200	1810	1340	ALT (3.00° APCH PATH)



RASS: Use CYTL. When using CZMD add 20°.		CATEGORY	A	B	C	D
		RNAV	1340	(540)	1¼	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 07

CNE3

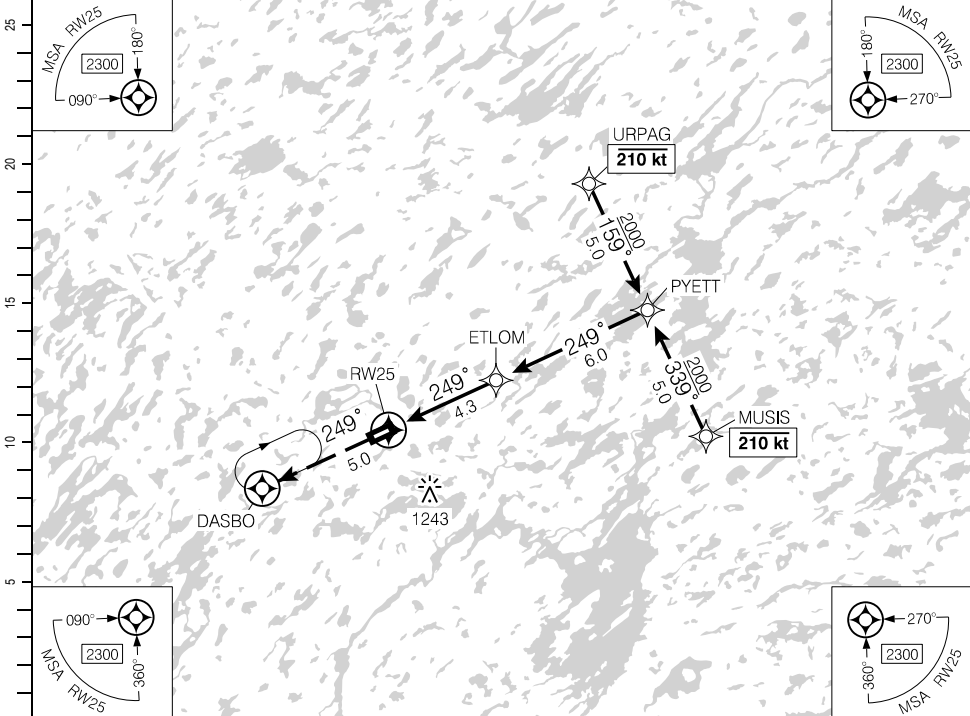
EFF 30 JAN 20

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 25

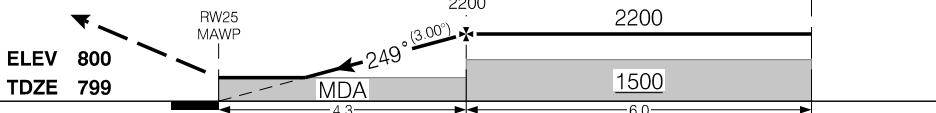
535756N 0910138W VAR 4°W

AWOS Big Trout Lake - 128.7		TFC - 123.2		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		RNAV	APCH CRS 249°	MIN ALT ETLOM 1500	LDA 3503



DIST FROM RW25	1.5	2	3	4.3	5	6	7	8	9	10.3
ALT (3.00° APCH PATH)	1320	1480	1800	2200	2440	2750	3070	3390	3710	4110

MISSED APPROACH
Climb to **2300** track **249°**
to DASBO. As required
shuttle climb



RASS: Use CYTL. When using CZMD add 20°.		CATEGORY	A	B	C	D
		RNAV	1320	(526)	1¼	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 25

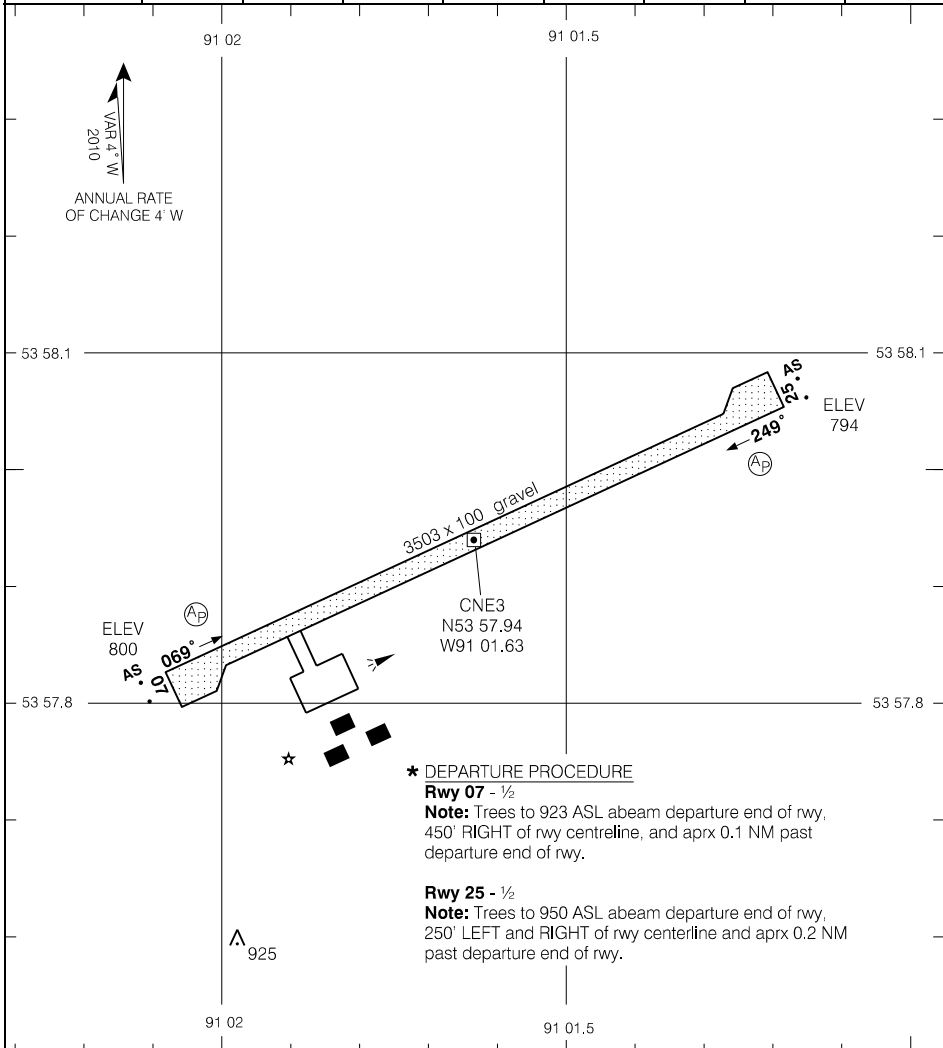
CNE3

EFF 30 JAN 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS Big Trout Lake - 128.7				TFC - 123.2		ATF	
DECL	DISTS	07	25				
TORA		3503	3503				
TODA		3503	3503				
ASDA		3503	3503				
LDA		3503	3503				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 07, 25: ☆	1000 0 1000

AERODROME CHART

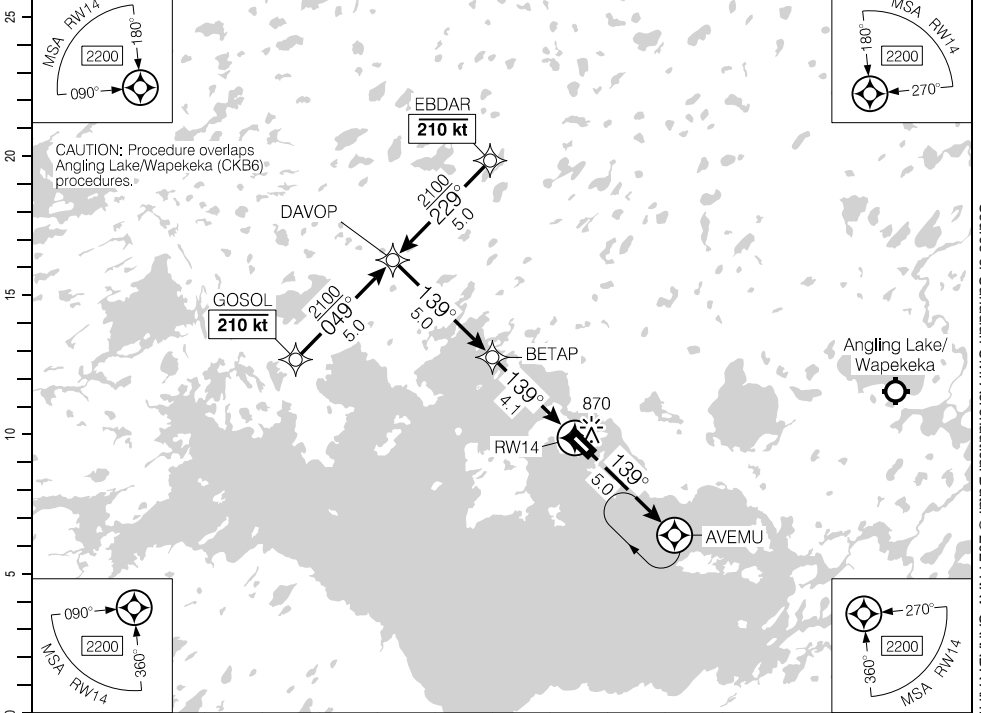
CNE3

EFF 30 JAN 20

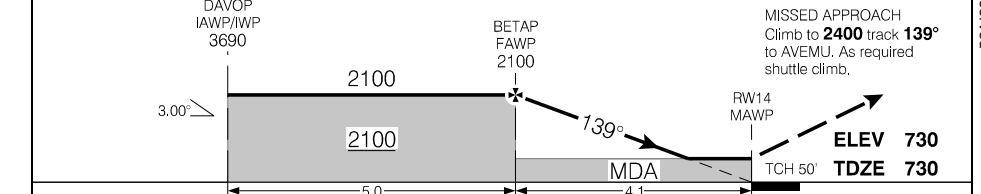
RNAV (GNSS) RWY 14

534904N 0895349W VAR 5°W

AWOS – 128.7		TFC – 123.2		ATF		ARCAL 123.2(K)
SAFE ALT 100 NM 2600	WAAS Ch 80280 W14A	APCH CRS 139°	MIN ALT BETAP 2100	LDA 3906		



(NM)						4.1	3	2	1.1	DIST FROM RWY14	
		9.1	8	7	6	5	4.1	3	2	1.1	
		3690	3330	3010	2690	2370	2100	1730	1420	1140	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1056	(327)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1175	(446)		1½
			LNAV	1140	(411)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 14

CYTL

EFF 27 JAN 22

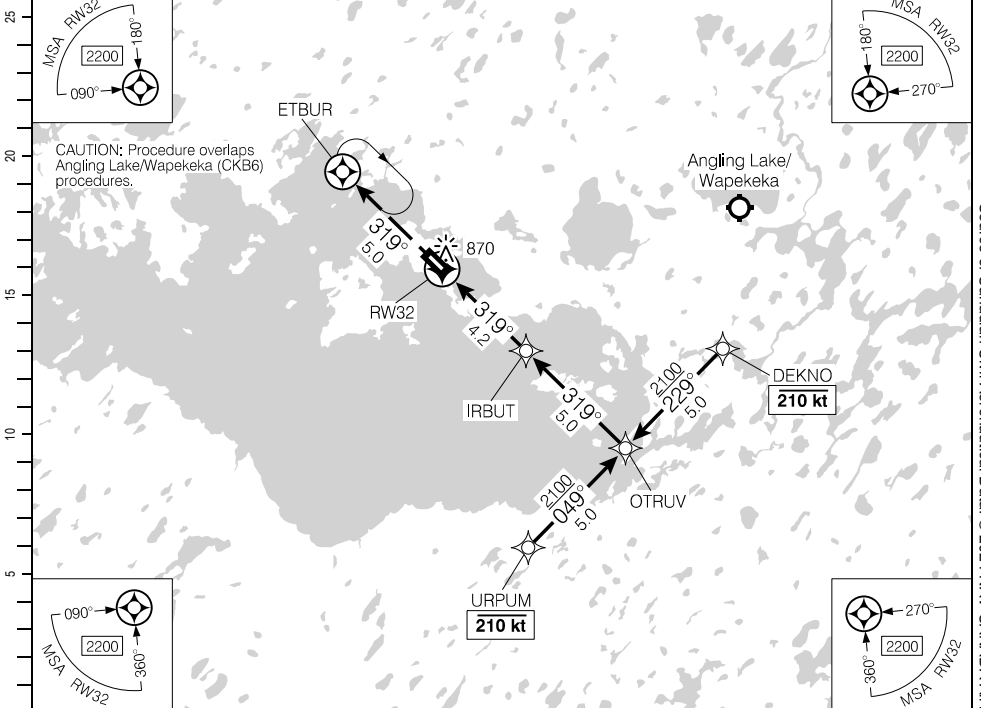
RNAV (GNSS) RWY 32

534904N 0895349W VAR 5°W

CYTL

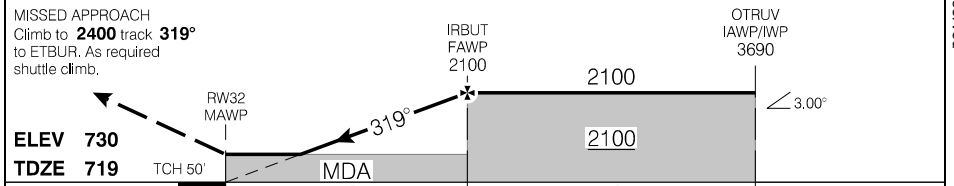
AWOS - 128.7		TFC - 123.2		ATF		ARCAL 123.2(K)	
--------------	--	-------------	--	-----	--	----------------	--

SAFE ALT 100 NM 2600	WAAS Ch 80281 W32A	APCH CRS 319°	MIN ALT IRBUT 2100	LDA 3906
--------------------------------	---------------------------------	----------------------------	---------------------------------	--------------------



CAUTION: Procedure overlaps Angling Lake/Wapekeka (CKB6) procedures.

DIST FROM RW32	1.3	2	3	4.2	5	6	7	8	9.2			
ALT (3.00° APCH PATH)	1160	1400	1710	2100	2350	2670	2990	3310	3690			



			CATEGORY	A	B	C	D
			LPV	990	(281)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1064	(355)		1¼
			LNAV	1160	(451)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 32

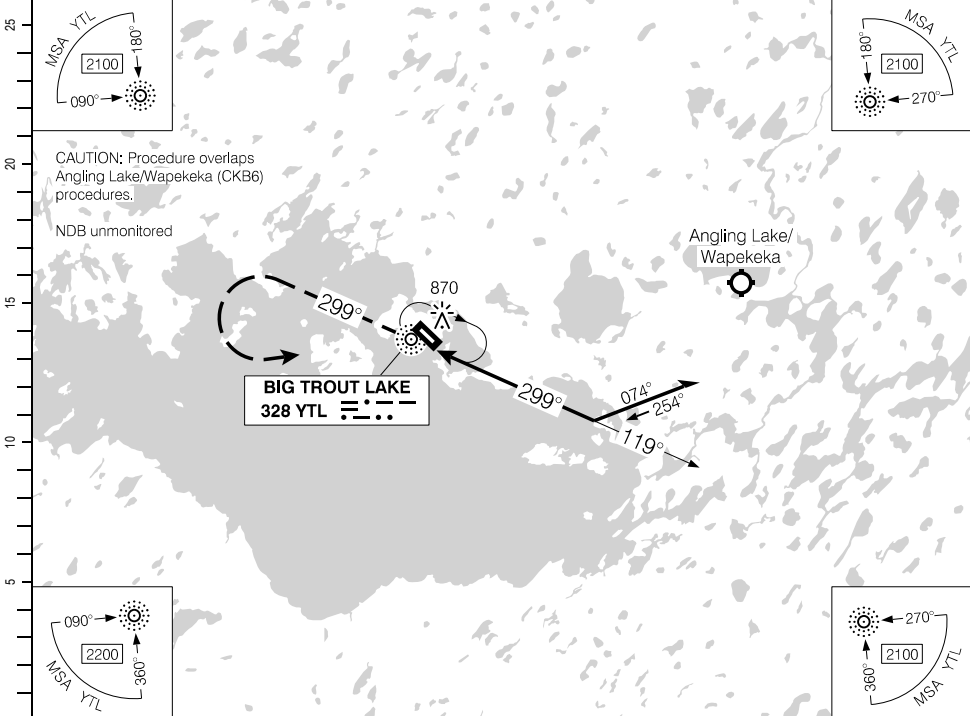
CYTL

EFF 27 JAN 22

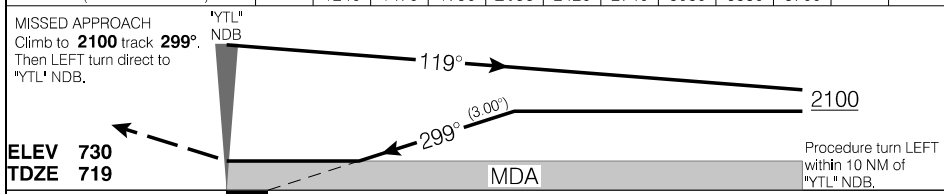
NDB RWY 32

534904N 0895349W VAR 5°W

AWOS - 128.7		TFC - 123.2		ARCAL 123.2(K)	
SAFE ALT 100 NM 2600		NDB YTL 328	APCH CRS 299°	LDA 3906	



(NM)	DIST FROM "YTL" NDB	2.3	3	4	5.0	6	7	8	9	10		
	ALT (3.00° APCH PATH)	1240	1470	1790	2100	2420	2740	3060	3380	3700		



			CATEGORY	A	B	C	D
			NDB	1240	(521)	1½	
Knots	ft/min	Min:Sec	CIRCLING	1240	(510)	1½	1240 (510) 2 | 1340 (610) 2
70	370						
90	480						
110	580						
130	690						
150	800						

NDB RWY 32

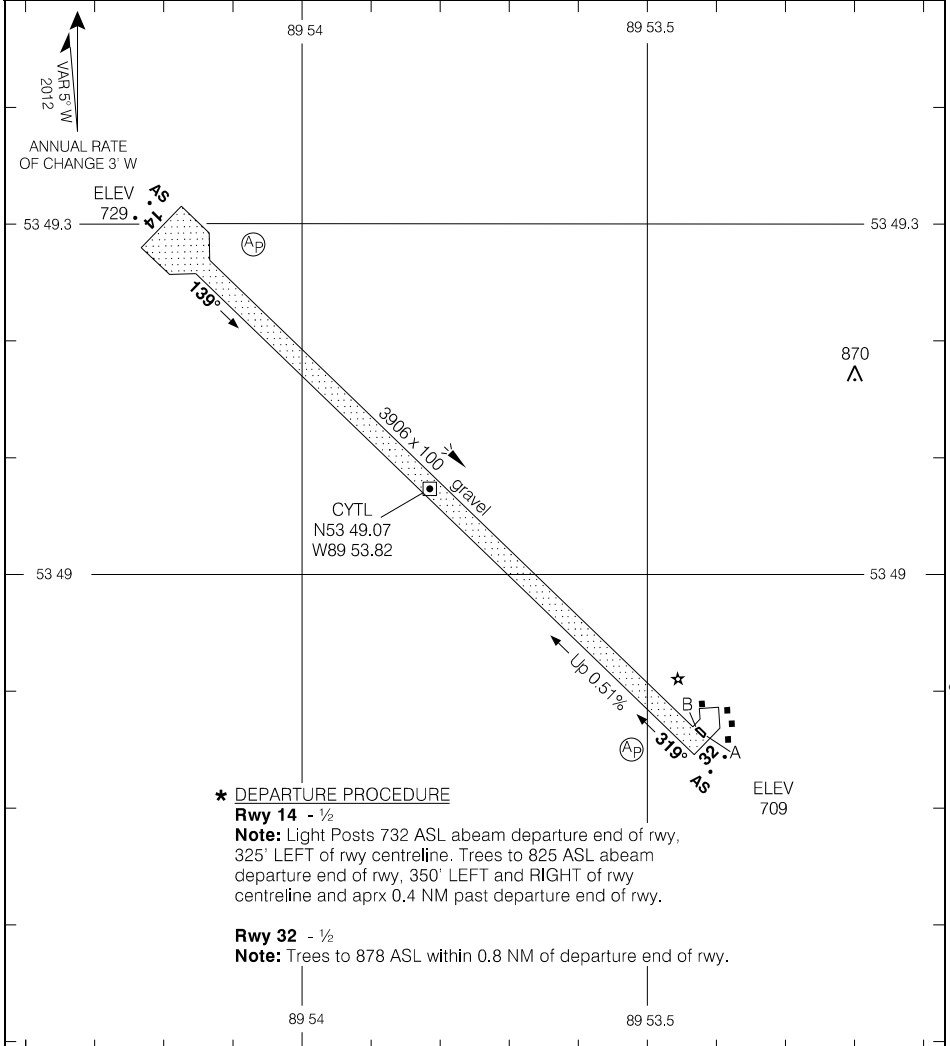
CYTL

EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 128.7				TFC - 123.2		RADIO London - 123.55	
DECL	DISTS	14	32				
TORA		3906	3906				
TODA		4306	4306				
ASDA		3906	3906				
LDA		3906	3906				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 14; 32 : *	1000 0 1000

AERODROME CHART

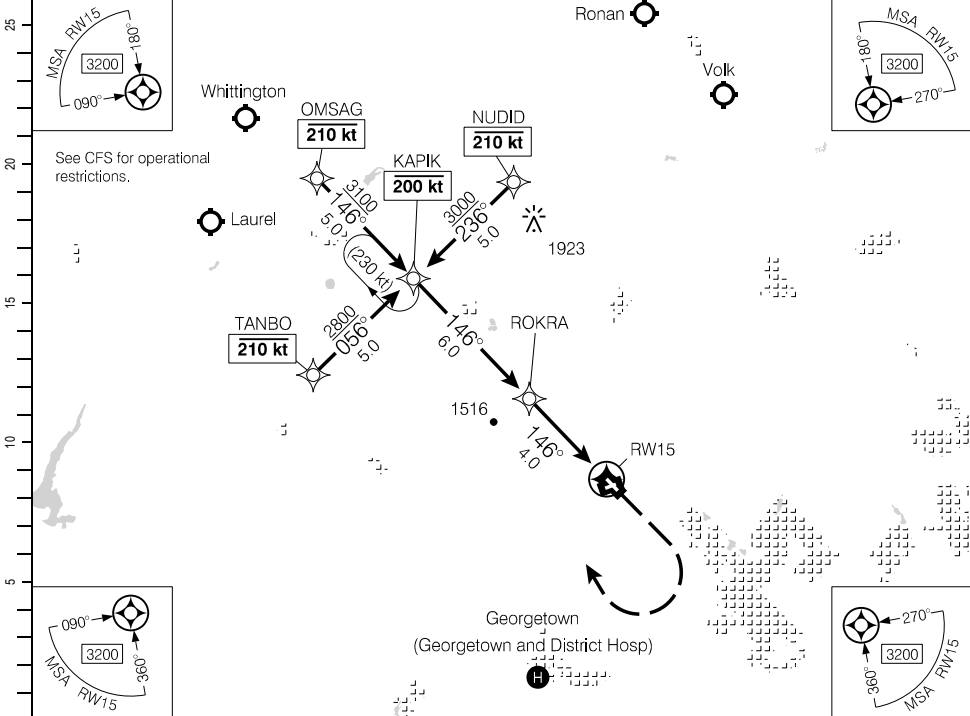
CYTL

EFF 27 JAN 22

RNAV (GNSS) RWY 15

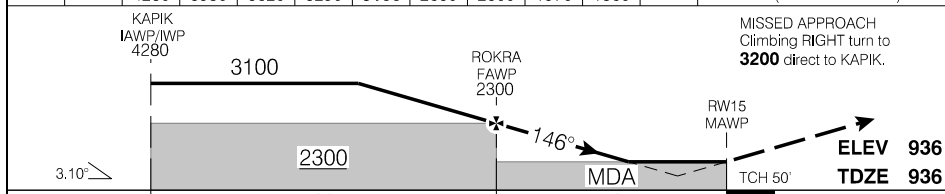
434535N 0795226W VAR 10°W

TML Toronto – 119.3		UNICOM – 123.3			ARCAL 123.3(K)
SAFE ALT 100 NM 4900	WAAS Ch 81076 W15A	APCH CRS 146°	MIN ALT ROKRA 2300	LDA 3500	Ⓜ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6.4	5	4	3	1.7	DIST FROM RW15
	4280	3950	3620	3290	3100	2630	2300	1970	1560	ALT (3.10° APCH PATH)



RASS: Use CYYZ.			CATEGORY	A	B	C	D
			LPV	1436	(500)		1¼
			LNAV	1560	(624)		2
Knots	ft/min	Min:Sec					
70	380						
90	490						
110	600						
130	710						
150	820						

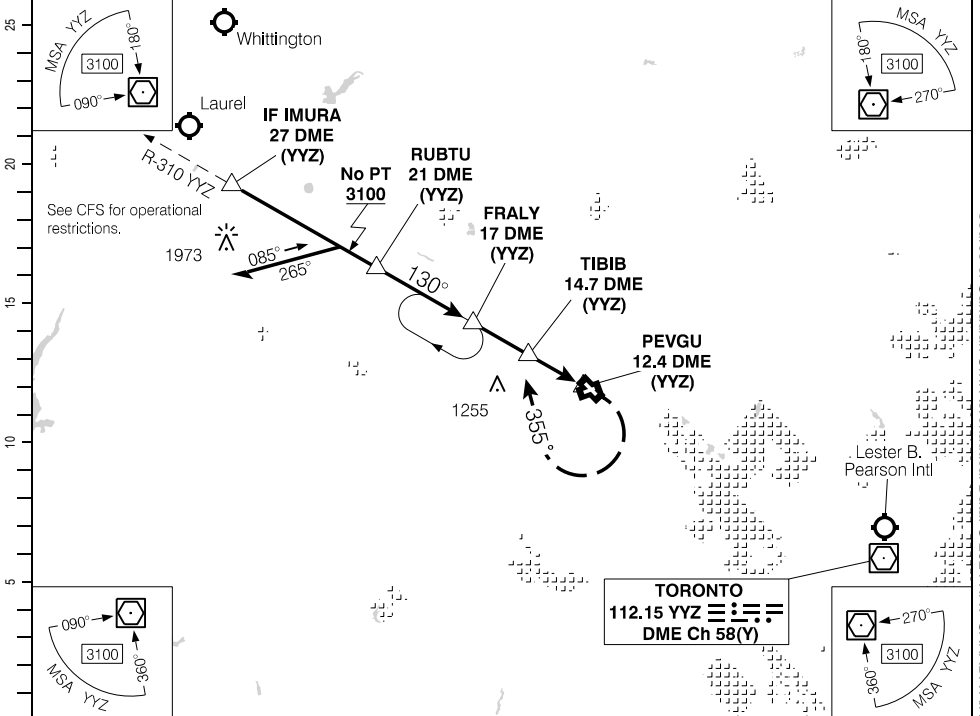
RNAV (GNSS) RWY 15

EFF 30 NOV 23

VOR/DME A

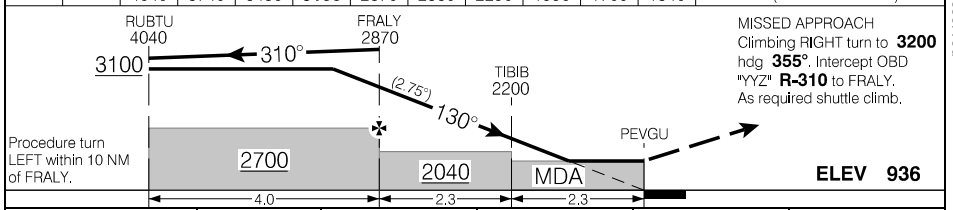
434535N 0795226W VAR 10°W

TML Toronto – 119.3		UNICOM – 123.3			ARCAL 123.3(K)
SAFE ALT 100 NM 4900	VOR YYZ 112.15	APCH CRS 130°	MIN ALT FRALY 2700	LDA REFER TO AD CHART	LIGHTING: REFER TO AD CHART



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

	21	20	19	17.8	17	16	15	14	13	12.4	DIST FROM DME (YYZ)
	4040	3740	3450	3100	2870	2580	2290	1990	1700	1540	ALT (2.75° APCH PATH)



RASS: Use CYYZ.		CATEGORY	A	B	C	D
		<input checked="" type="checkbox"/> CIRCLING	1540 (604)	1½	NOT AUTHORIZED	
Knots	ft/min	Min:Sec				
70	340					
90	440					
110	530					
130	630					
150	730					

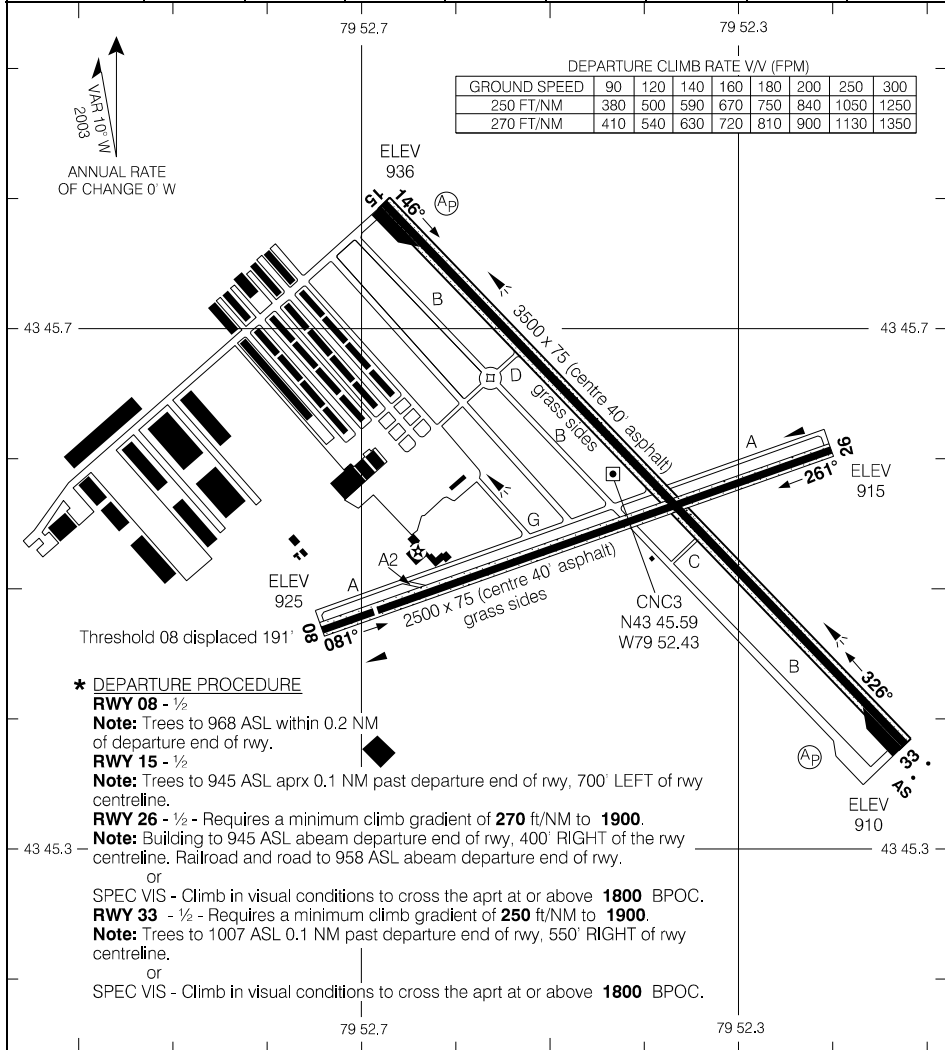
VOR/DME A

CNC3

EFF 30 NOV 23

AERODROME CHART

				UNICOM - 123.3		TML Toronto - 119.3	
				ATF*			
	08	26	15	33			
TORA	2500	2500	3500	3500			
TODA	2500	2500	3500	3500			
ASDA	2500	2500	3500	3500			
LDA	2309	2500	3500	3500			

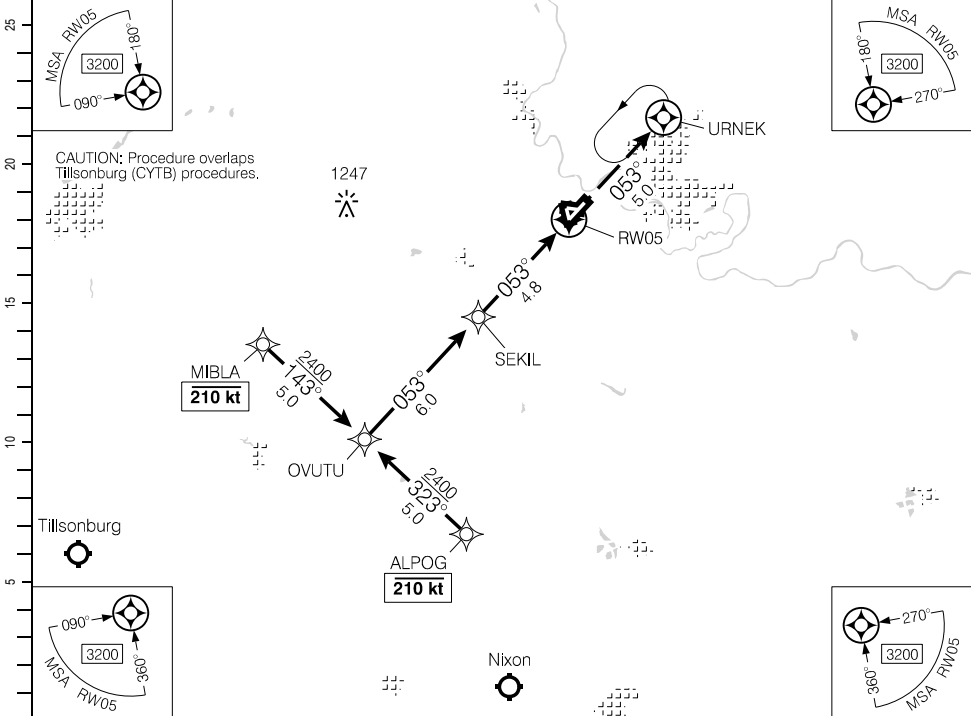


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

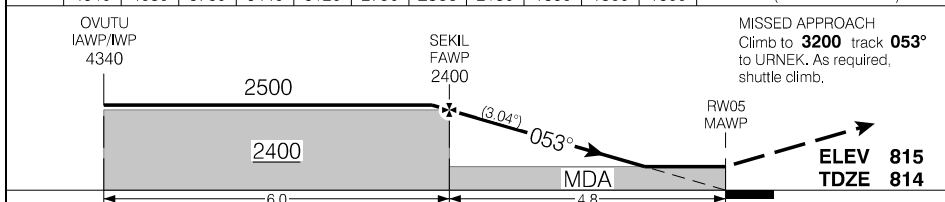
RNAV (GNSS) RWY 05

430757N 0802029W VAR 10°W

CTR Toronto – 119.7		UNICOM – 122.82		ATF		ARCAL 122.825(K)* V1 2.0	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 053°	MIN ALT SEKIL 2400	LDA 5036			



(NM)	10.8	10	9	8	7	6	5.1	4	3	2	1.4	DIST FROM RW05
	4340	4080	3760	3440	3120	2790	2500	2150	1830	1500	1300	ALT (3.04° APCH PATH)



RASS: Use CYHM.			CATEGORY	A	B	C	D
LNAV			1300		(492)	1½	
CIRCLING			1320	(505)	1½	1500 (685) 2	1500 (685) 2¼
Knots	ft/min	Min:Sec					
70	380						
90	480						
110	590						
130	700						
150	810						

RNAV (GNSS) RWY 05

CYFD

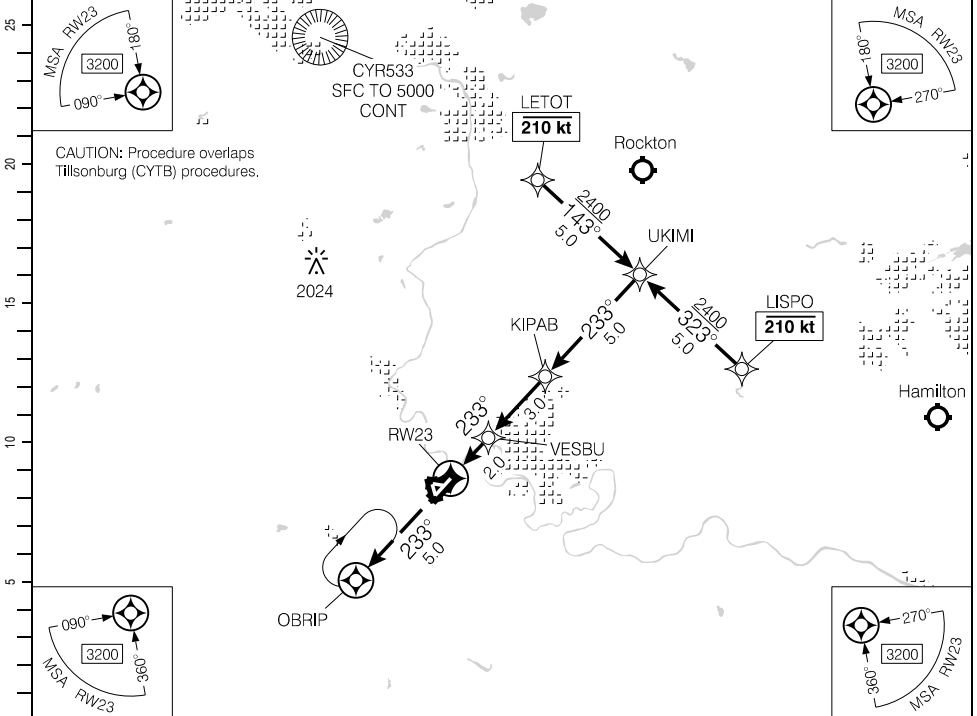
EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

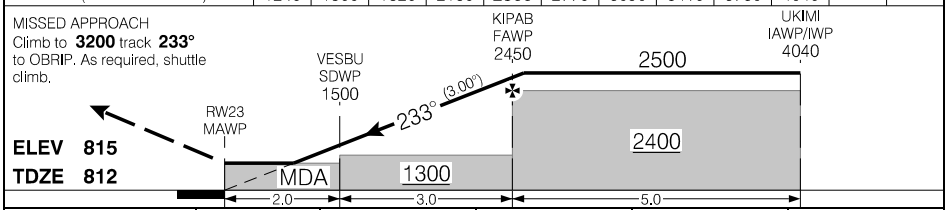
RNAV(GNSS) RWY 23

430757N 0802029W VAR 10°W

CTR Toronto – 119.7		UNICOM – 122.82			ARCAL 122.825(K)*	
SAFE ALT 100 NM 4900		RNAV	APCH CRS 233°	MIN ALT KIPAB 2400	LDA 5036	ATF



(NM)	DIST FROM RW23	1.2	2	3	4	5.2	6	7	8	9	10	
	ALT (3.00° APCH PATH)	1240	1500	1820	2130	2500	2770	3090	3410	3730	4040	



RASS: Use CYHM.		CATEGORY	A	B	C	D
		LNAV	1240	(430)	1¼	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV(GNSS) RWY 23

CYFD

EFF 17 JUN 21

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE

Departure Procedure**Rwy 05 – ½:**

Note: Power line to 896 ASL aprx 300' past departure end of rwy, 600' LEFT and RIGHT of rwy centreline. Trees to 892 ASL aprx 0.2 NM past departure end of rwy, 200' LEFT and 400' RIGHT of rwy centreline.

Rwy 11 – ½:

Note: Trees to 889 ASL aprx 0.1 NM past departure end of rwy.

Rwy 17 – ½:

Note: Power line to 886 ASL aprx 0.2 NM past departure end of rwy. Trees to 887 ASL aprx 0.2 NM past departure end of rwy.

Rwy 23 – ½:

Note: Power line to 886 ASL aprx 0.2 NM past departure end of rwy, 750' LEFT of rwy centreline. Tower to 843 ASL 0.43 NM past departure of rwy.

Rwy 29 – ½:

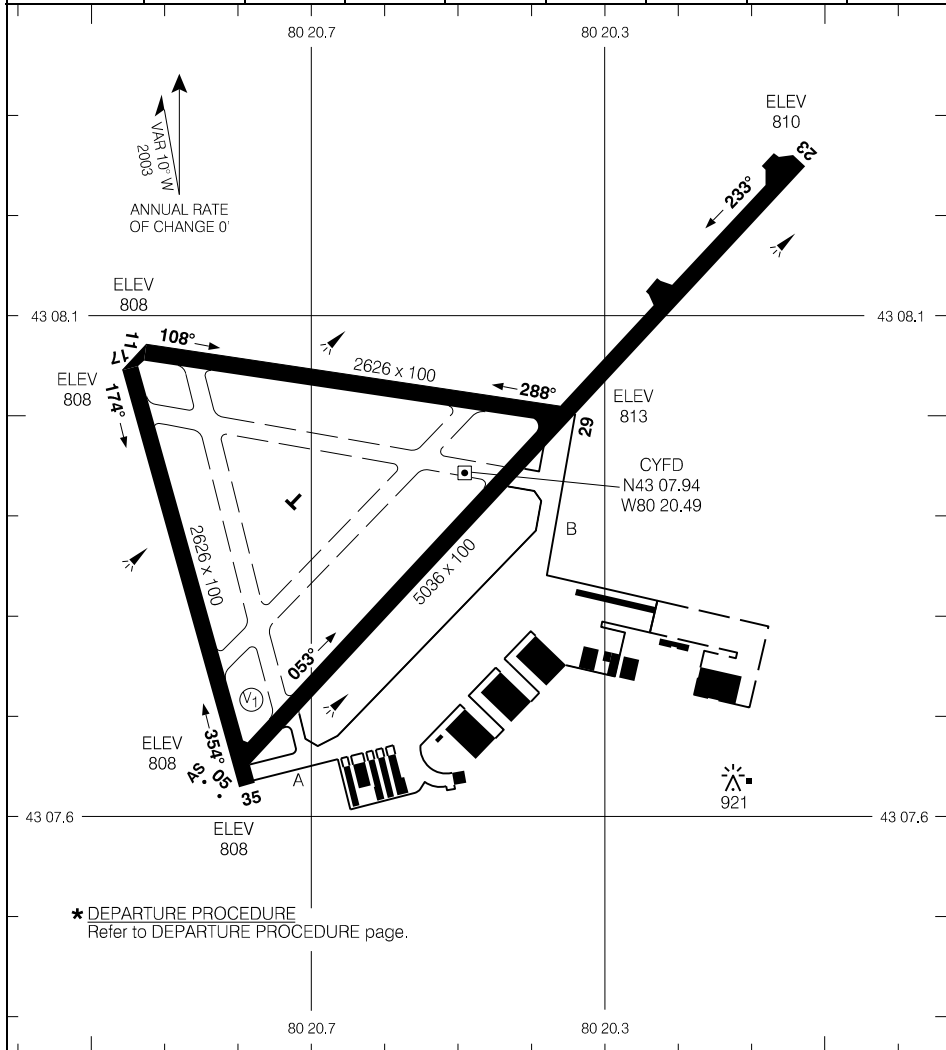
Note: Trees to 886 ASL aprx 0.2 NM past departure end of rwy, 600' RIGHT of rwy centreline.

Rwy 35 – ½:

Note: Trees to 886 ASL aprx 0.2 NM past departure end of rwy.

AERODROME CHART

					UNICOM - 122.82		CTR Toronto - 119.7	
					ATF			
DECL	05	23	11	29	17	35		
TORA	5036	5036	2626	2626	2626	2626		
TODA	5036	5636	3610	3610	3610	3526		
ASDA	5036	5036	2626	2626	2626	2626		
LDA	5036	5036	2626	2626	2626	2626		



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
All Rwys: *	1000 0 1000

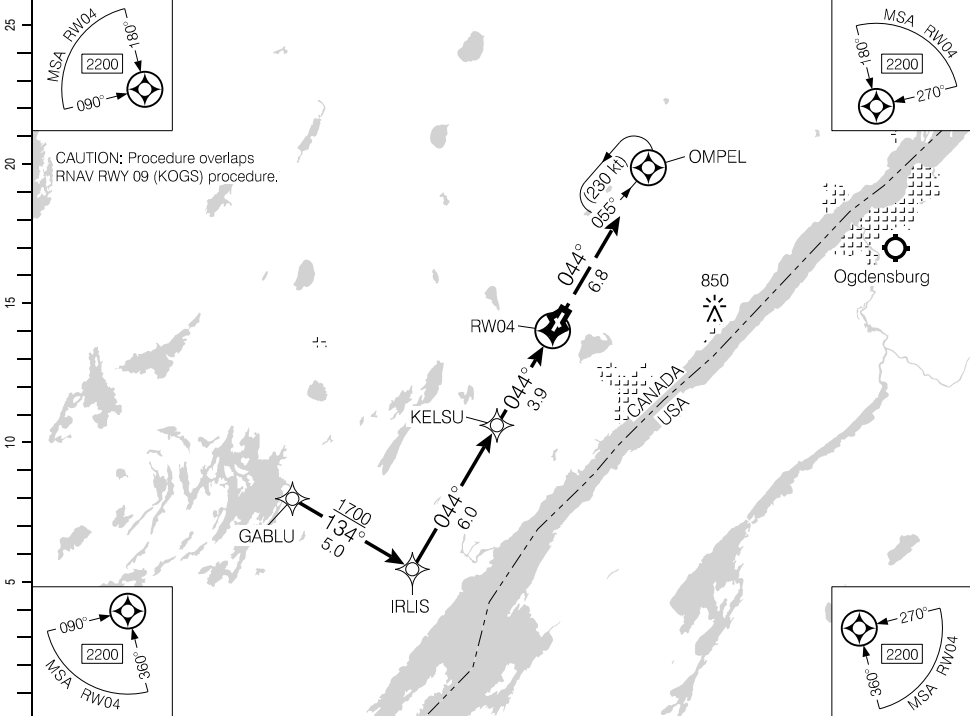
AERODROME CHART

CYFD

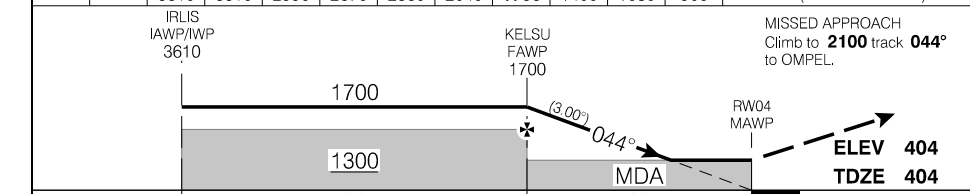
EFF 17 JUN 21

RNAV (GNSS) RWY 04

AUTO Ogdensburg Intl - 118.52	CTR Montreal - 134.67	UNICOM - 123.0			ARCAL 123.3(K)*
SAFE ALT 100 NM 7600	RNAV	APCH CRS 044°	MIN ALT KELSU 1300	LDA 4505	ATF



(NM)	9.9	9	8	7	6	5	3.9	3	2	1.4	DIST FROM RWY04
	3610	3310	2990	2670	2360	2040	1700	1400	1080	900	ALT (3.00° APCH PATH)



RASS: Use KOGS.	CATEGORY	A	B	C	D
	LNAV	900	(505)	1½	NOT AUTHORIZED

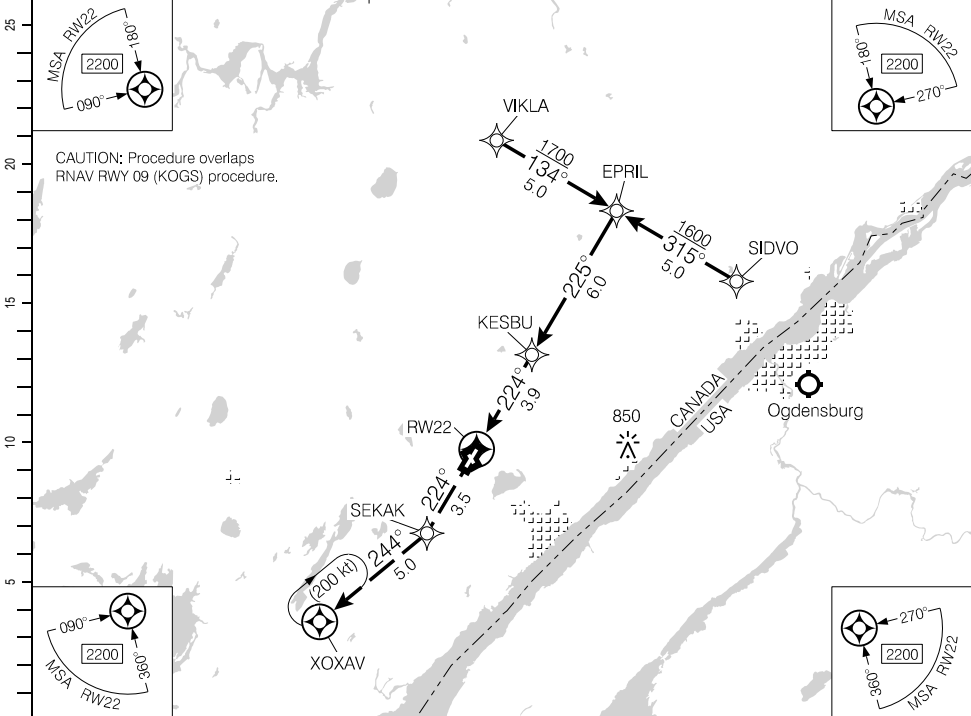
Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV (GNSS) RWY 04

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 22

AUTO Ogdensburg Intl - 118.52	CTR Montreal - 134.67	UNICOM - 123.0			ARCAL 123.3(K)*
SAFE ALT 100 NM 7600	RNAV	APCH CRS 224°	MIN ALT KESBU 1300	LDA 4505	ATF



CAUTION: Procedure overlaps RNAV RWY 09 (KOGS) procedure.

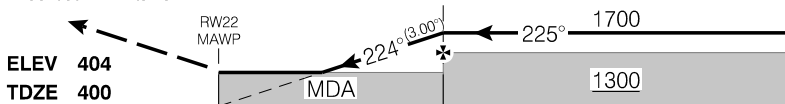
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW22		1.8	3	3.9	5	6	7	8	9	9.9	
ALT (3.00° APCH PATH)		1020	1400	1700	2040	2360	2670	2990	3310	3610	

MISSED APPROACH
Climb track **224°** to SEKAK.
Then climbing RIGHT turn to
2100 track **244°** to XOXAV.

KESBU
FAWP
1700

EPRIL
IAWP/IWP
3610

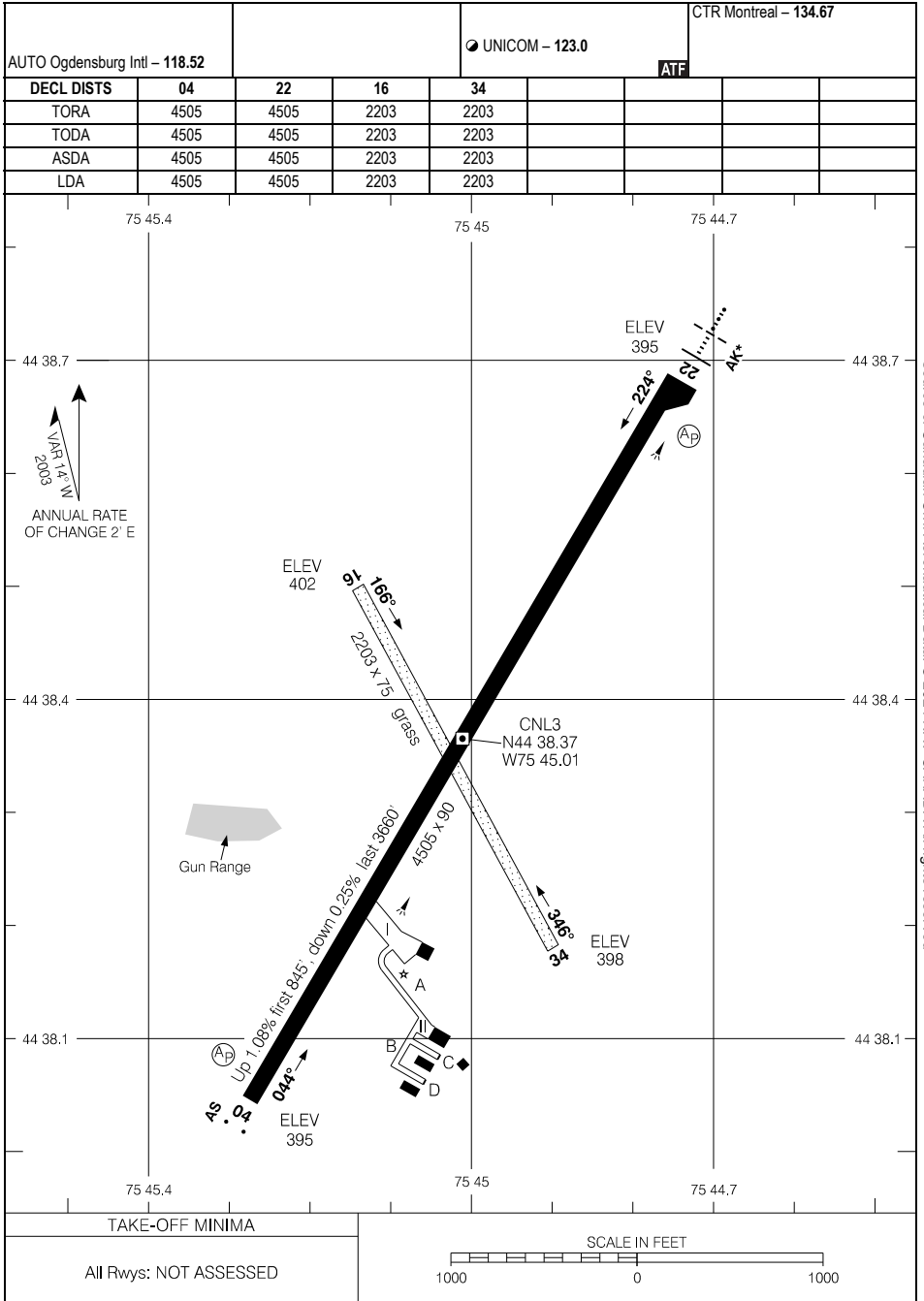


RASS: Use KOGS.				CATEGORY	A	B	C	D
				RNAV	1020	(625)	2	NOT AUTHORIZED
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 22

EFF 29 DEC 22

AERODROME CHART



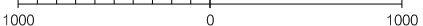
AERODROME CHART

EFF 23 FEB 23

TAKE-OFF MINIMA

All Rwy's: NOT ASSESSED

SCALE IN FEET

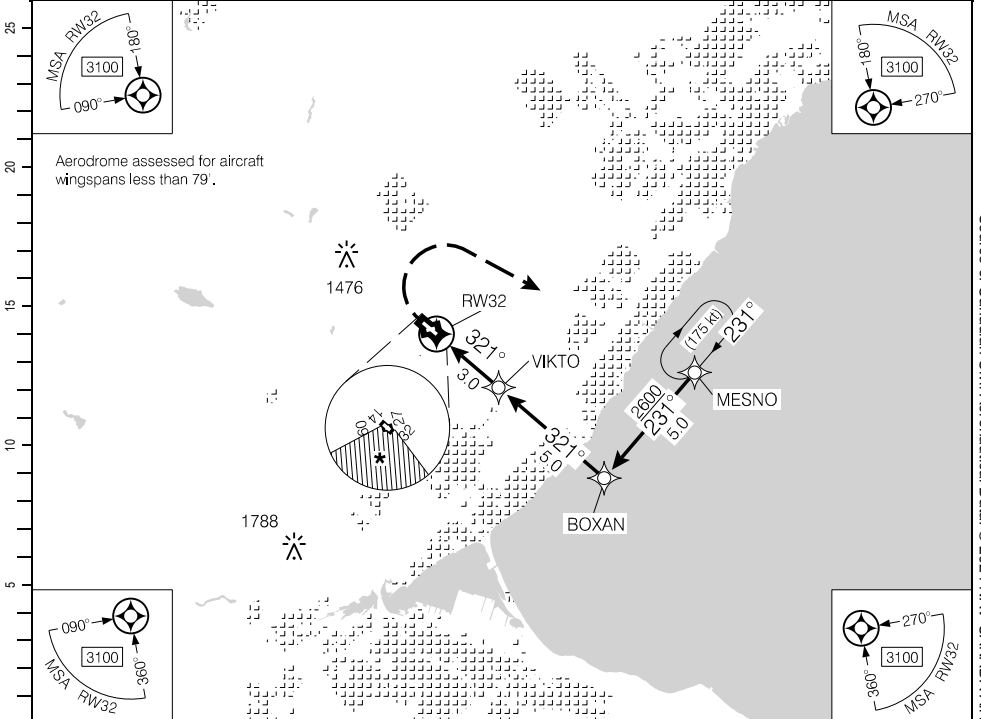


RNAV (GNSS) RWY 32

432629N 0795101W VAR 10°W

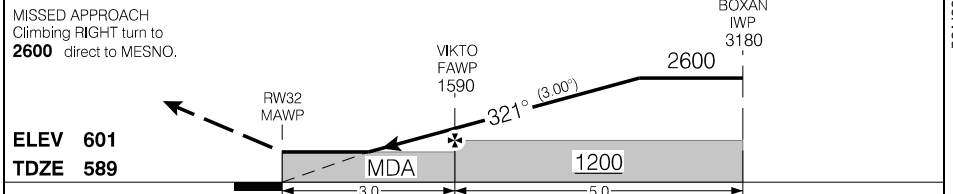
TML Toronto – 119.3		UNICOM – 123.5		ARCAL 123.5(j)	
AUTO – 122.55				ATIS	

SAFE ALT 100 NM 4900	RNAV	APCH CRS 321°	MIN ALT VIKTO 1200	LDA 3541
--------------------------------	------	----------------------------	---------------------------------	--------------------



Aerodrome assessed for aircraft wingspans less than 79'.

DIST FROM RW32	1.5	2	3	4	5	6.2	7	8		
ALT (3.00° APCH PATH)	1100	1270	1590	1900	2220	2600	2860	3180		



RASS: Use CYYZ.			CATEGORY	A	B	C	D
			RNAV	1100	(511)	1½	NOT AUTHORIZED
			CIRCLING *	1120	(519)	1½	* 1120 (519) 2 NOT AUTHORIZED
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 32

EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

Unless otherwise assigned by ATC:

All rwys: Maintain **3000**.

Rwy 14: Depart rwy 14, climb hdg **141°** to **1500**. Continue climb hdg **141°** or as assigned. Expect radar vectors to DUSOM (or as assigned) then proceed via depicted route.

Rwy 32: Requires a minimum climb gradient of **340 ft/NM** to **1800**. Depart rwy 32, climbing **RIGHT** turn hdg **191°** or as assigned. Expect radar vectors to DUSOM (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
340 FT/NM	510	680	800	910	1020	1140	1420	1700

PHILIPSBURG TRANSITION: (DUSOM2.PSB)

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

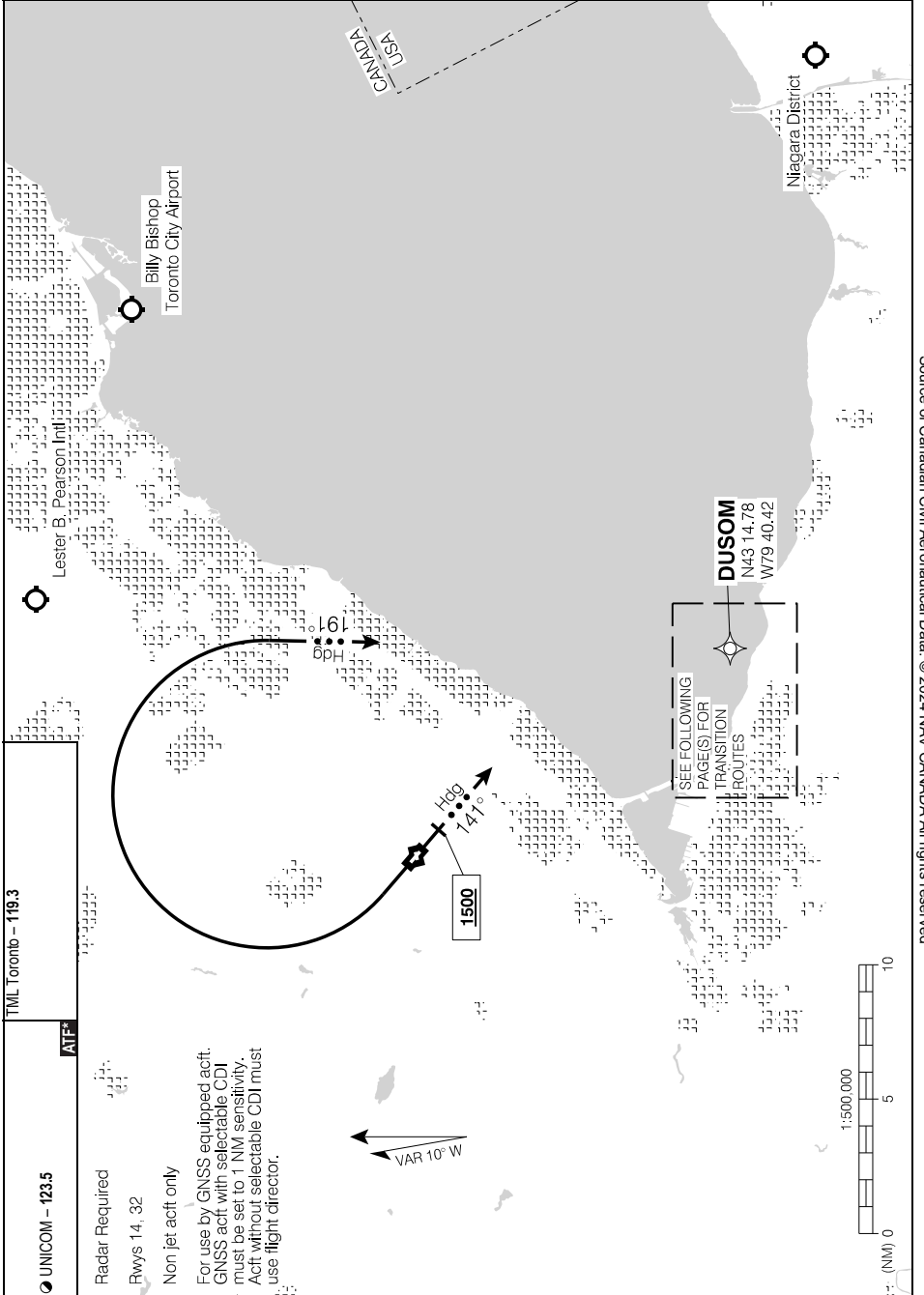
1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

SID (RNAV)

DUSOM TWO DEP (DUSOM2.) DEPARTURE ROUTES

BURLINGTON EXECUTIVE, ON
CZBA



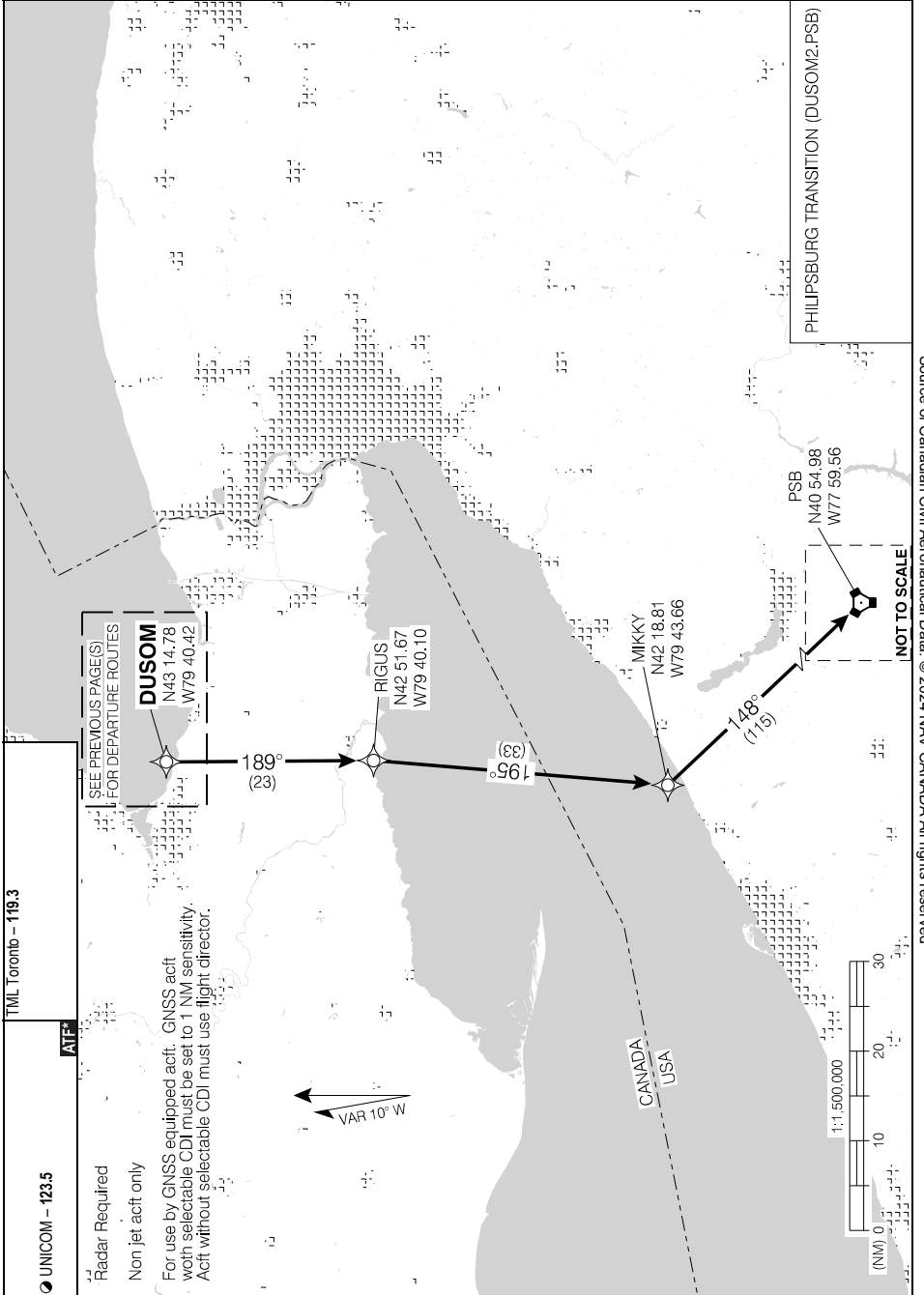
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DUSOM TWO DEP (DUSOM2.) DEPARTURE ROUTES

CZBA

EFF 27 APR 17

DUSOM TWO DEP (DUSOM2.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DUSOM TWO DEP (DUSOM2.) TRANSITION ROUTES

Departure Route Description

Unless otherwise assigned by ATC:

All rwys: Maintain **3000**.

Rwy 14: Depart rwy 14, climb hdg **141°** to **1500**. Continue climb hdg **141°** or as assigned. Expect radar vectors to RIKEM (or as assigned) then proceed via depicted route.

Rwy 32: Requires a minimum climb gradient of **340 ft/NM** to **1800**. Depart rwy 32, climbing **RIGHT** turn hdg **191°** or as assigned. Expect radar vectors to RIKEM (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
340 FT/NM	510	680	800	910	1020	1140	1420	1700

BMPAH TRANSITION: (MAVAN2.BMPAH)

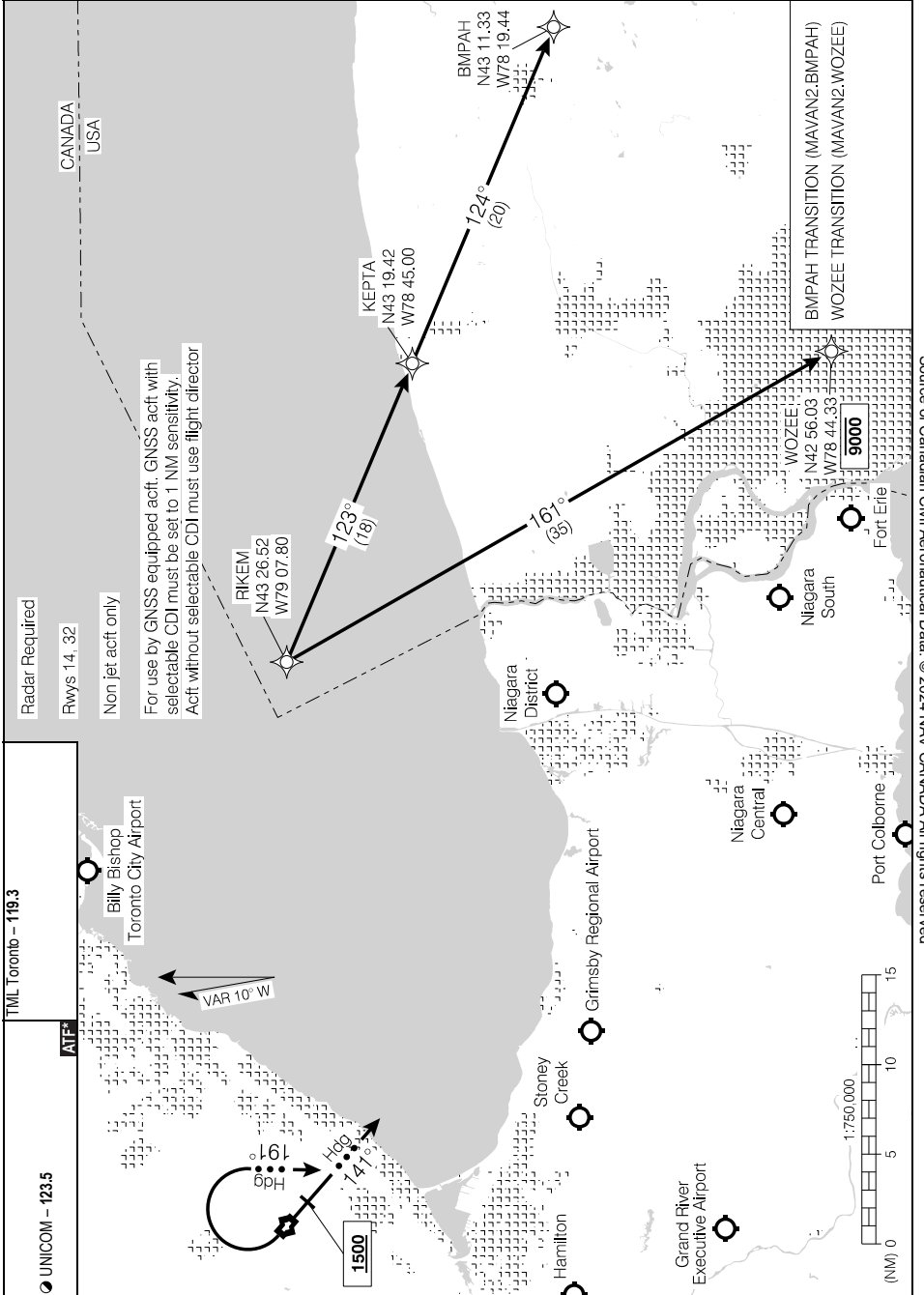
WOZEE TRANSITION: (MAVAN2.WOZEE)

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **3000**.

Rwy 14: Depart rwy 14, climb hdg **141°** to **1500**. Continue climb hdg **141°** or as assigned. Expect radar vectors to OAKVL (or as assigned) then proceed via depicted route.

Rwy 32: Requires a minimum climb gradient of **340 ft/NM** to **1800**. Depart rwy 32, climbing **RIGHT** turn hdg **191°** or as assigned. Expect radar vectors to OAKVL (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
340 FT/NM	510	680	800	910	1020	1140	1420	1700

ERIE TRANSITION: (OAKVL3.ERI)
FOXEE TRANSITION: (OAKVL3.FOXEE)
AIRRA TRANSITION: (OAKVL3.AIRRA)

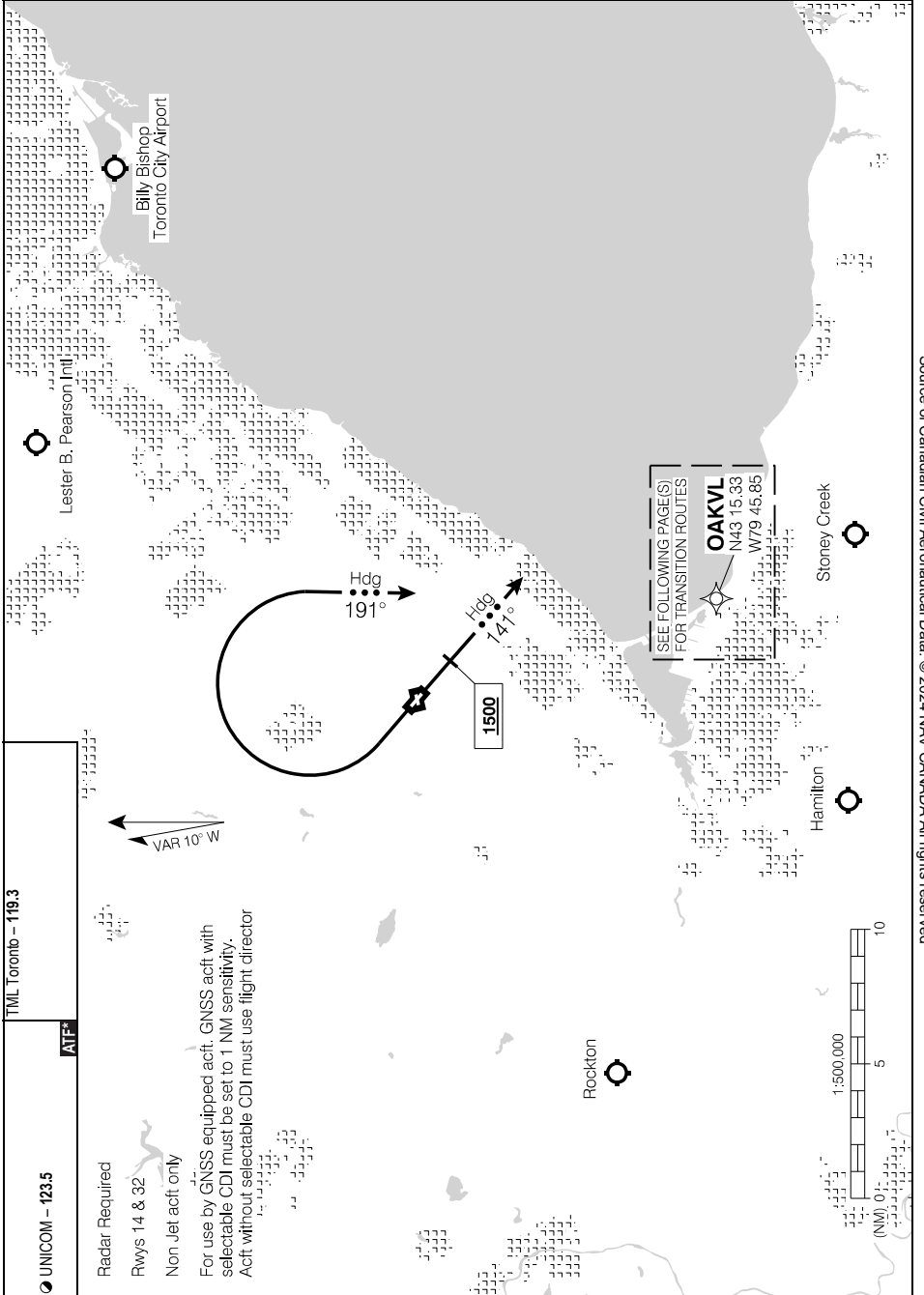
Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

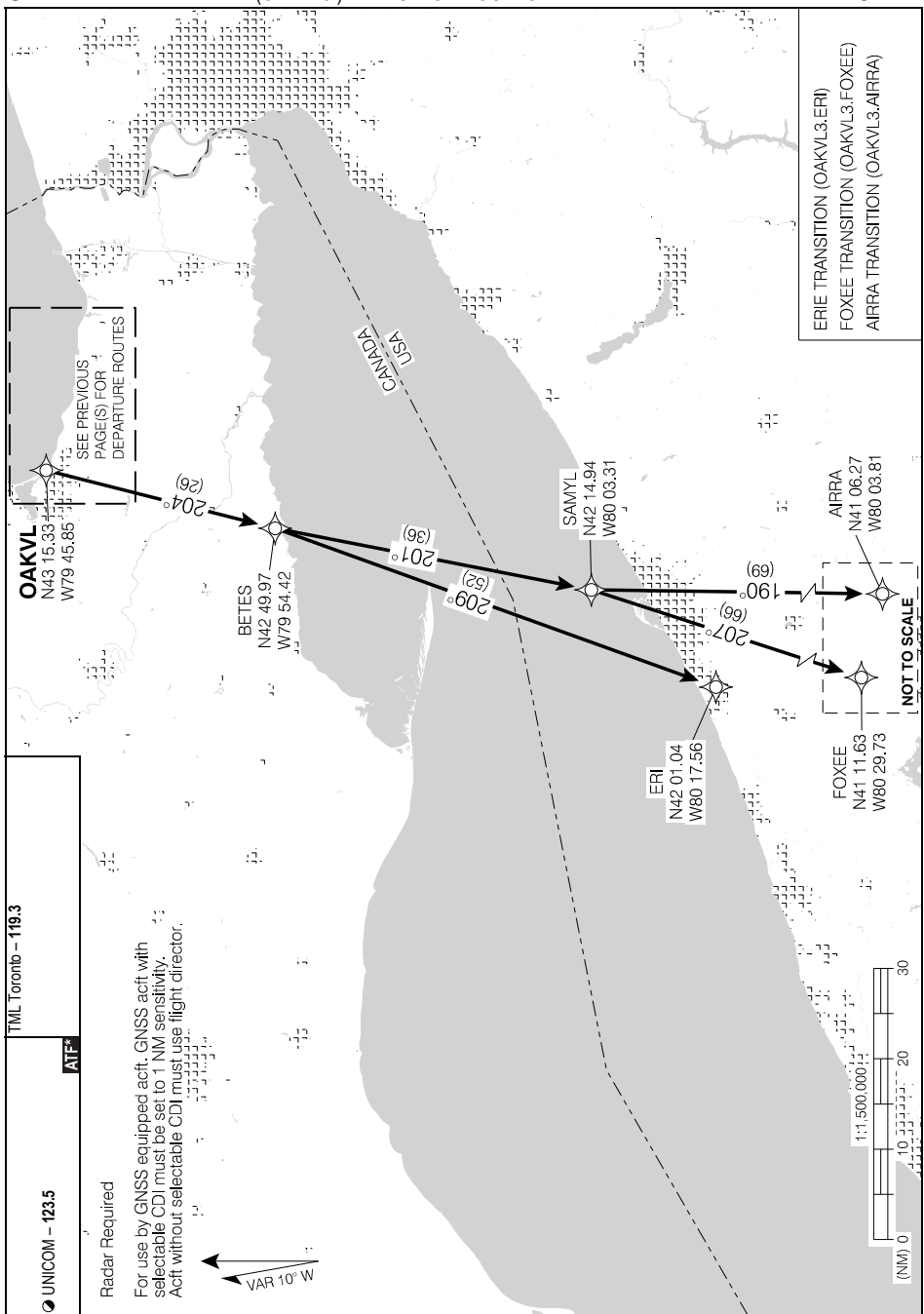
EFF 19 MAY 22

SID (RNAV)

BURLINGTON EXECUTIVE, ON

OAKVL THREE DEP (OAKVL3.) TRANSITION ROUTES

CZBA



OAKVL THREE DEP (OAKVL3.) TRANSITION ROUTES

CZBA

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **3000**.

Rwy 14: Depart rwy 14, climb hdg **141°** to **1500**. Continue climb hdg **141°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

Rwy 32: Requires a minimum climb gradient of **340 ft/NM** to **1800**. Depart rwy 32, climbing **RIGHT** turn hdg **191°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
340 FT/NM	510	680	800	910	1020	1140	1420	1700

DERLO TRANSITION: (PEMBA6.DERLO)
GENTRY TRANSITION: (PEMBA6.GENTRY)
GGUCE TRANSITION: (PEMBA6.GGUCE)

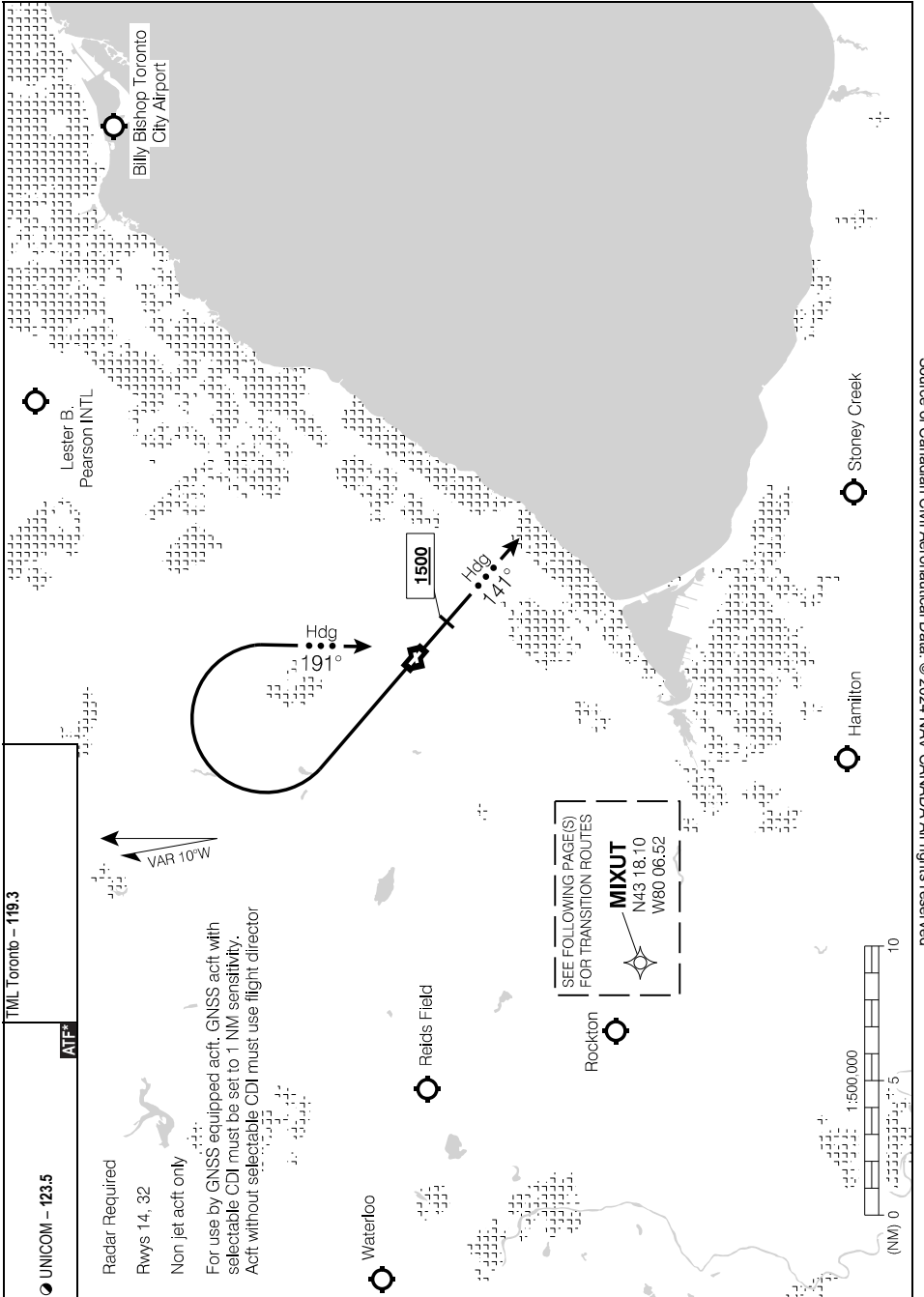
Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PEMBA SIX DEP (PEMBA6.) DEPARTURE ROUTES



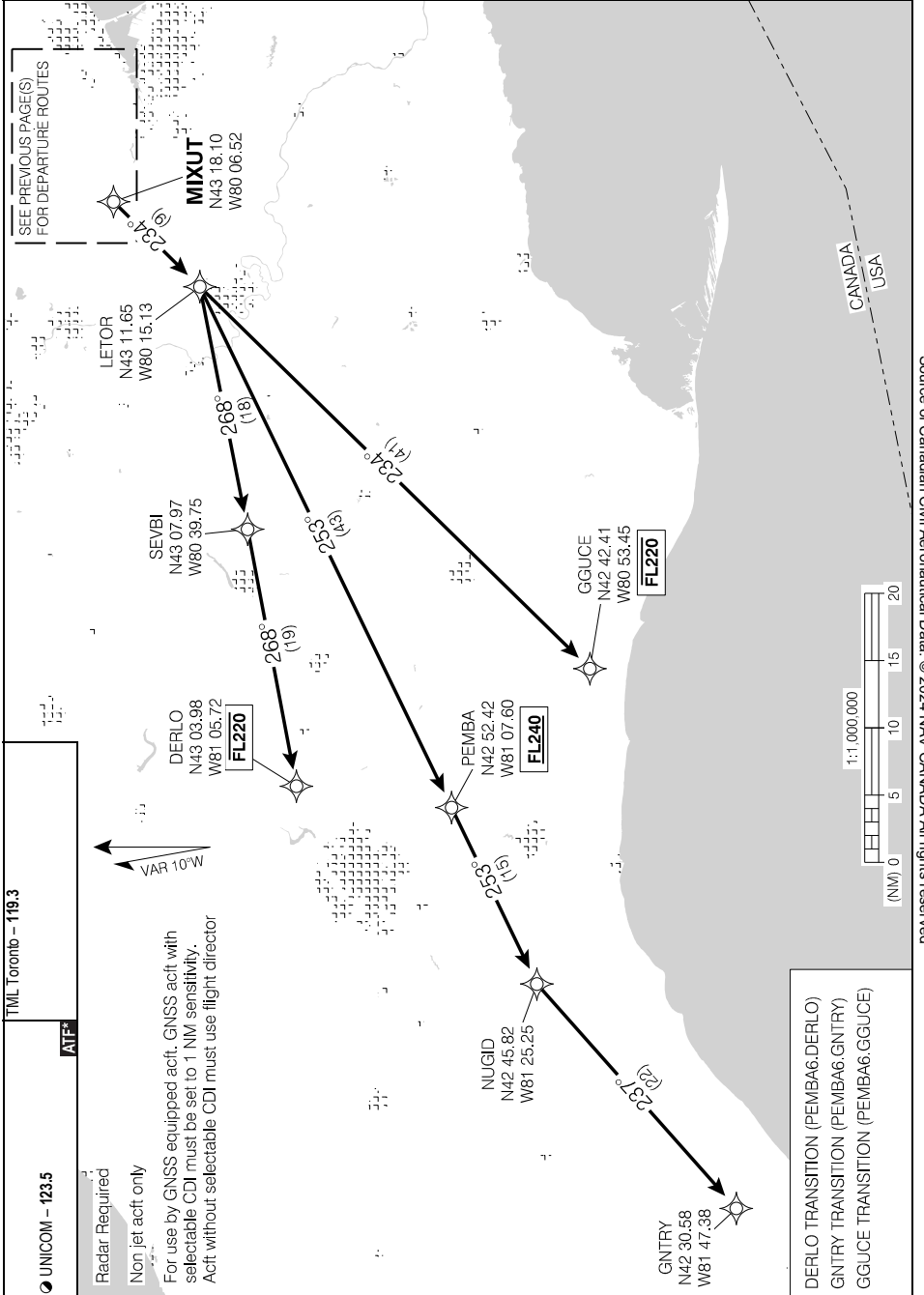
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PEMBA SIX DEP (PEMBA6.) DEPARTURE ROUTES

EFF 26 MAR 20

SID (RNAV)
PEMBA SIX DEP (PEMBA6.) TRANSITION ROUTES

BURLINGTON EXECUTIVE, ON
CZBA



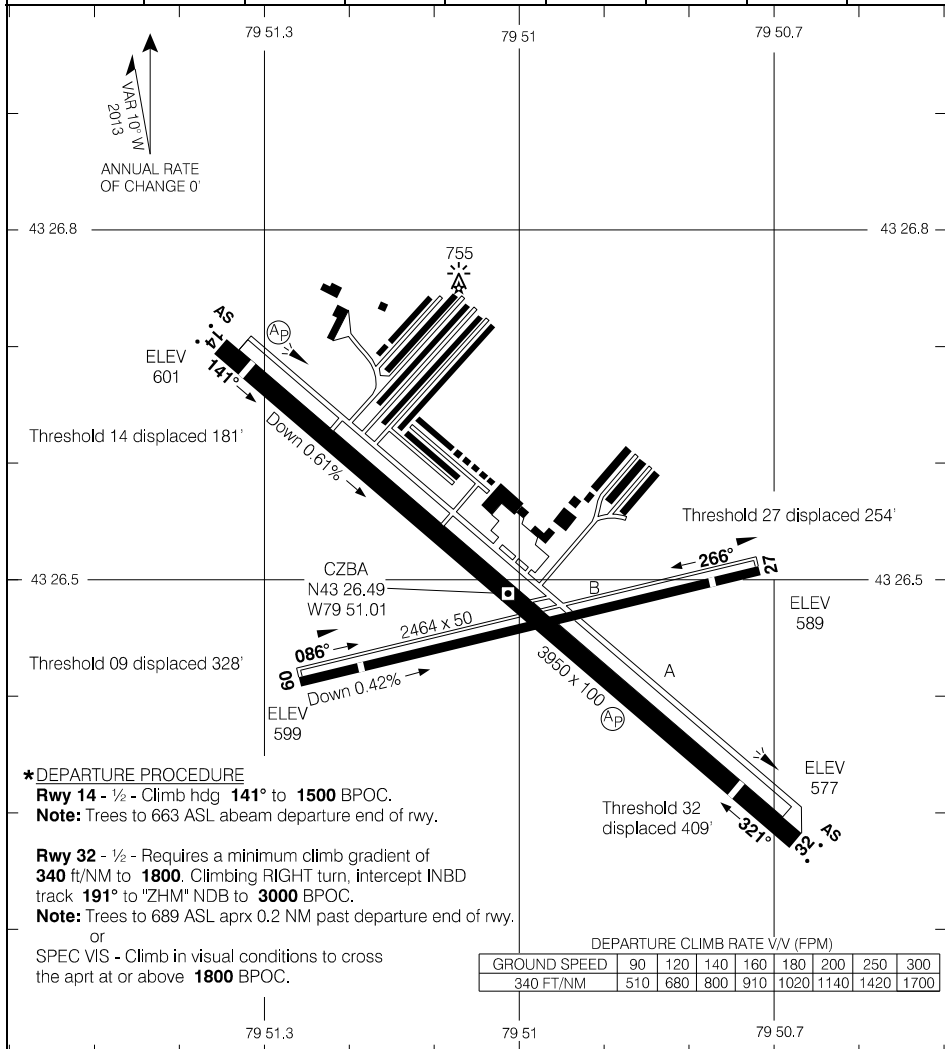
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PEMBA SIX DEP (PEMBA6.) TRANSITION ROUTES
EFF 26 MAR 20

CZBA

AERODROME CHART

AUTO - 122.55					UNICOM - 123.5		TML Toronto - 119.3	
					ATF*			
DECL DIST	09	27	14	32				
TORA	2464	2464	3950	3950				
TODA	2464	2464	3950	3950				
ASDA	2464	2464	3950	3950				
LDA	2136	2210	3769	3541				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 14; 32: *	1000 0 1000
Rwys 09; 27: NOT ASSESSED	

AERODROME CHART

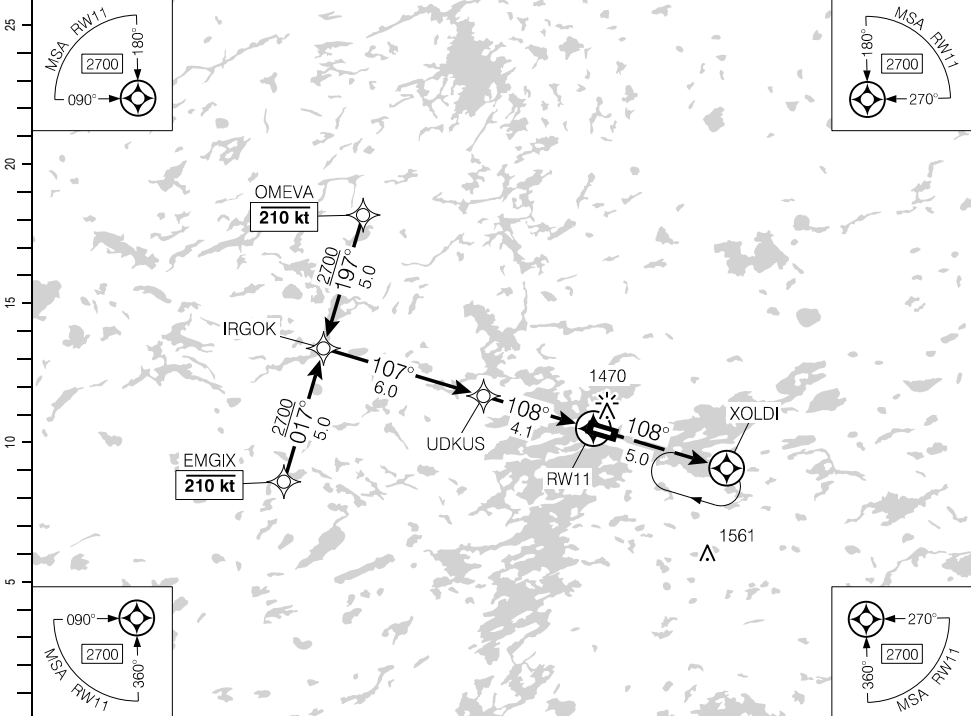
CZBA

EFF 2 DEC 21

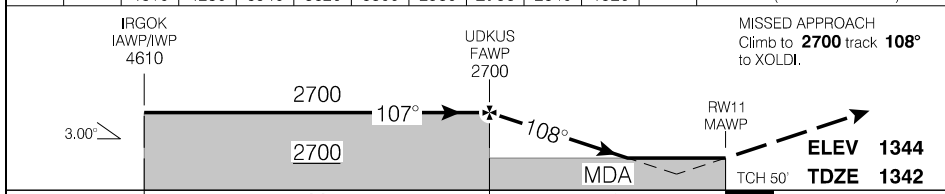
RNAV (GNSS) RWY 11

514338N 0914928W VAR 1°W

		TFC - 123.2		ATF		ARCAL 123.2(K)
SAFE ALT 100 NM 3000	WAAS Ch 80482 W11A	APCH CRS 108°	MIN ALT UDKUS 2700	LDA 3963	AP 2	



(NM)	10.1	9	8	7	6	5	4.1	3	1.7		DIST FROM RW11
	4610	4250	3940	3620	3300	2980	2700	2340	1920		ALT (3.00° APCH PATH)



RASS: Use CYPL.			CATEGORY	A	B	C	D
			LPV	1839	(500)		1¼
			LNAV	1920	(581)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 11

CYAC

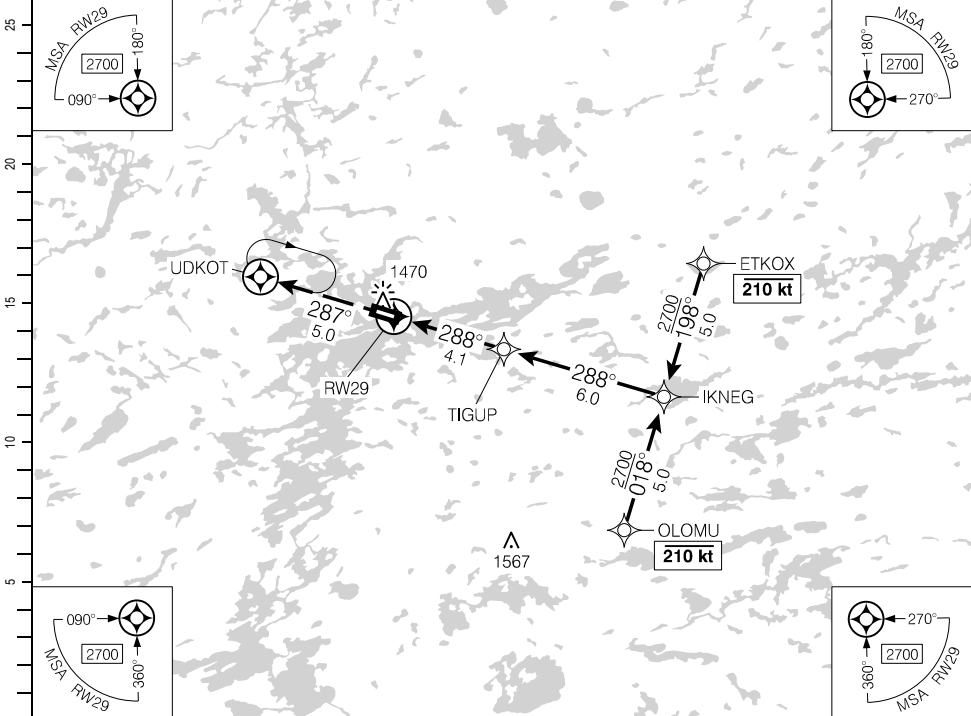
EFF 5 DEC 19

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 29

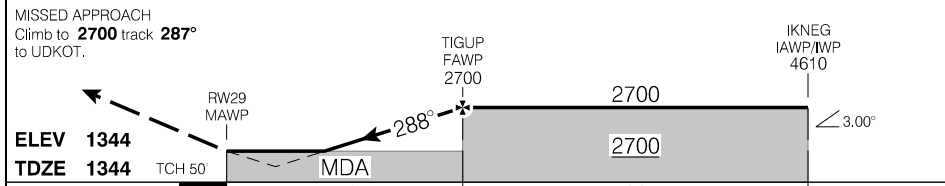
514338N 0914928W VAR 1°W

TFC - 123.2				ATF	ARCAL 123.2(K)
SAFE ALT 100 NM 3000	WAAS Ch 80483 W29A	APCH CRS 288°	MIN ALT TIGUP 2700	LDA 3963	AS



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW29			1.7	3	4.1	5	6	7	8	9	10.1	
ALT (3.00° APCH PATH)			1920	2340	2700	2980	3300	3620	3930	4250	4610	



RASS: Use CYPL.			CATEGORY	A	B	C	D
			LPV	1836	(500)		1¼
			LNAV	1920	(584)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

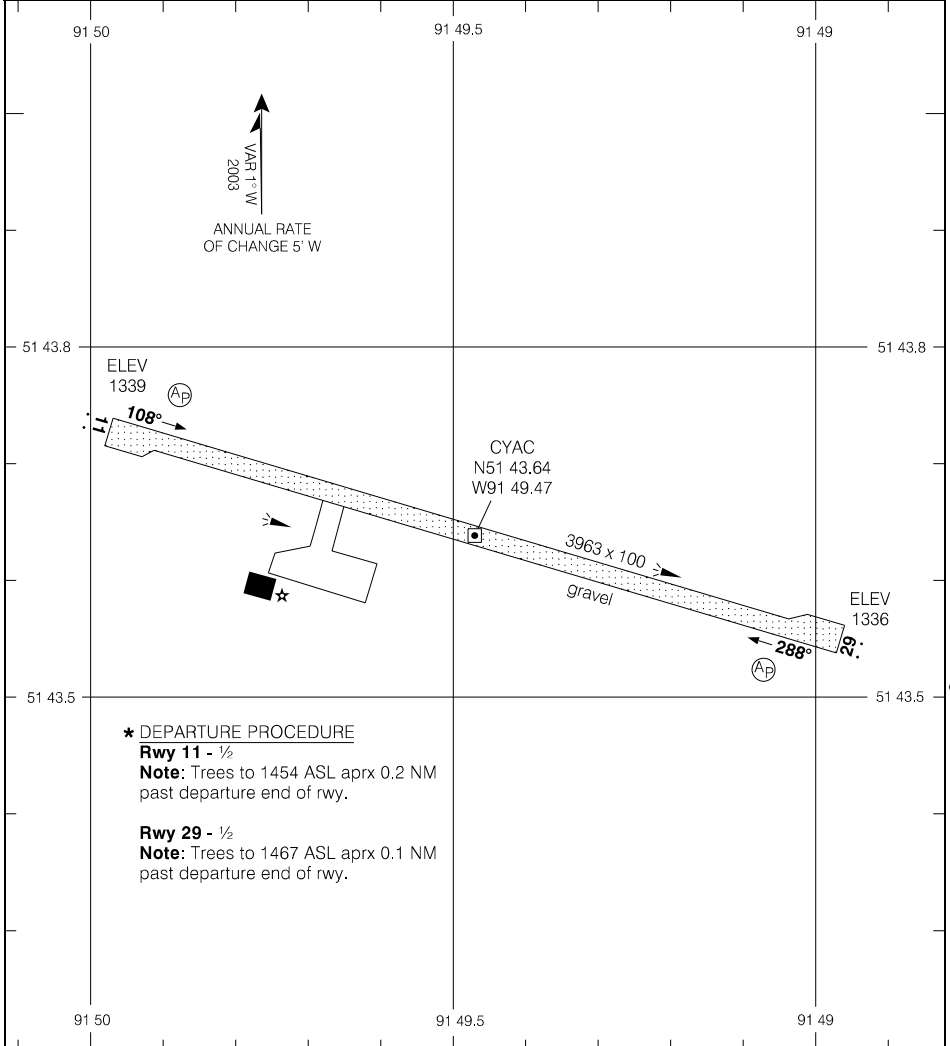
RNAV (GNSS) RWY 29

CYAC

EFF 5 DEC 19

AERODROME CHART

				TFC - 123.2		ATF	
DECL DIST	11	29					
TORA	3963	3963					
TODA	3963	3963					
ASDA	3963	3963					
LDA	3963	3963					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

*** DEPARTURE PROCEDURE**
Rwy 11 - 1/2
Note: Trees to 1454 ASL aprx 0.2 NM past departure end of rwy.
Rwy 29 - 1/2
Note: Trees to 1467 ASL aprx 0.1 NM past departure end of rwy.

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 11; 29: *	1000 0 1000

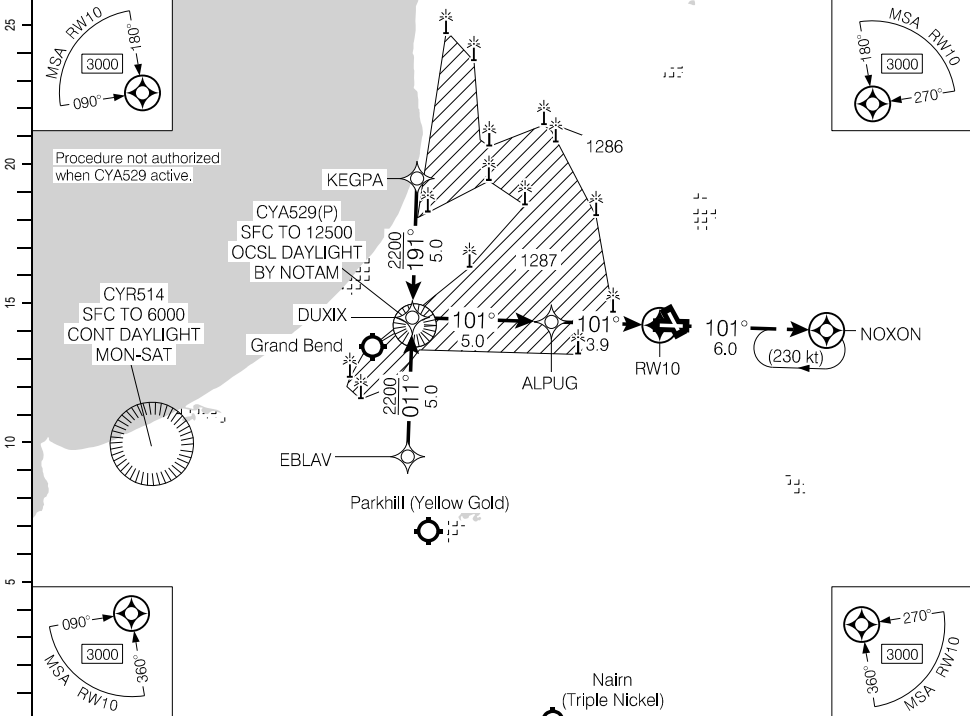
AERODROME CHART

CYAC

EFF 24 MAR 22

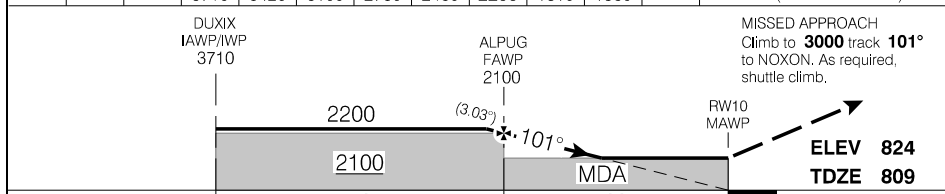
RNAV (GNSS) RWY 10

CTR Toronto – 135.30		UNICOM – 122.8			ARCAL 122.8(K)*
SAFE ALT 100 NM 3800	RNAV	APCH CRS 101°	MIN ALT ALPUG 2100	LDA 5013	ATF



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	8.9	8	7	6	5	4.2	3	2.2		DIST FROM RW10
	3710	3420	3100	2780	2460	2200	1810	1560		ALT (3.03° APCH PATH)



RASS: Use CYXU.	CATEGORY	A	B	C	D
	LNAV	1560	(762)	2%	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	380	
90	480	
110	590	
130	700	
150	800	

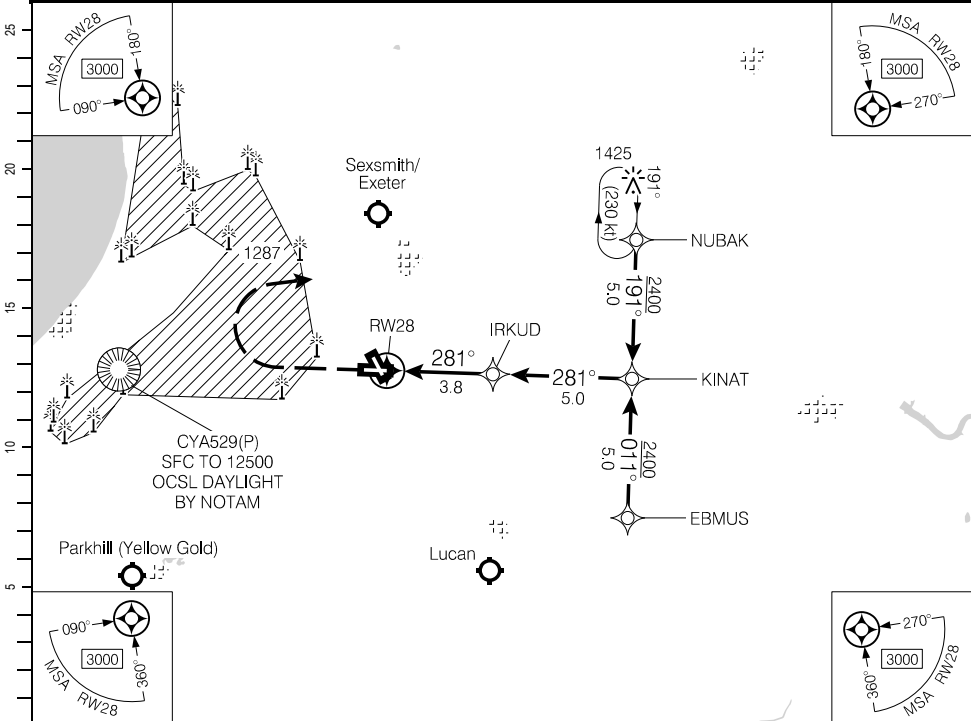
RNAV (GNSS) RWY 10

CYCE

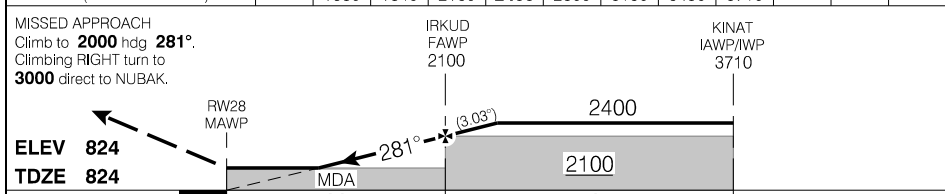
EFF 22 APR 21

RNAV (GNSS) RWY 28

CTR Toronto – 135.30		UNICOM – 122.8			ARCAL 122.8(K)*
SAFE ALT 100 NM 3800	RNAV	APCH CRS 281°	MIN ALT IRKUD 2100	LDA 5013	ATF



(NM)	DIST FROM RW28	1.6	3	4	4.7	6	7	8	8.8			
	ALT (3.03° APCH PATH)	1380	1840	2160	2400	2800	3130	3450	3710			



RASS: Use CYXU.		CATEGORY	A	B	C	D
		LNAV	1380 (556)	1%	NOT AUTHORIZED	
Knots	ft/min	Min:Sec				
70	380					
90	480					
110	590					
130	700					
150	800					

RNAV (GNSS) RWY 28

CYCE

EFF 22 APR 21

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Procedure

Rwy 10 – ½: When CYA529 is active, climb between hdg **309°** CW to **249°** to remain clear of CYA529 BPOC.

Note: Road to 852 ASL aprx 0.1 past departure end of rwy.

Rwy 28 – ½: Requires a minimum climb gradient of **350** ft/NM to **1400**. When CYA529 is active: Requires a minimum climb gradient of **350** ft/NM to **1400**. Climb between hdg **315°** CW to **100°** to remain clear of CYA529 BPOC.

Note: Trees to 837 ASL abeam departure end of rwy, 300' LEFT of rwy centreline and aprx 0.1 NM past departure end of rwy

or

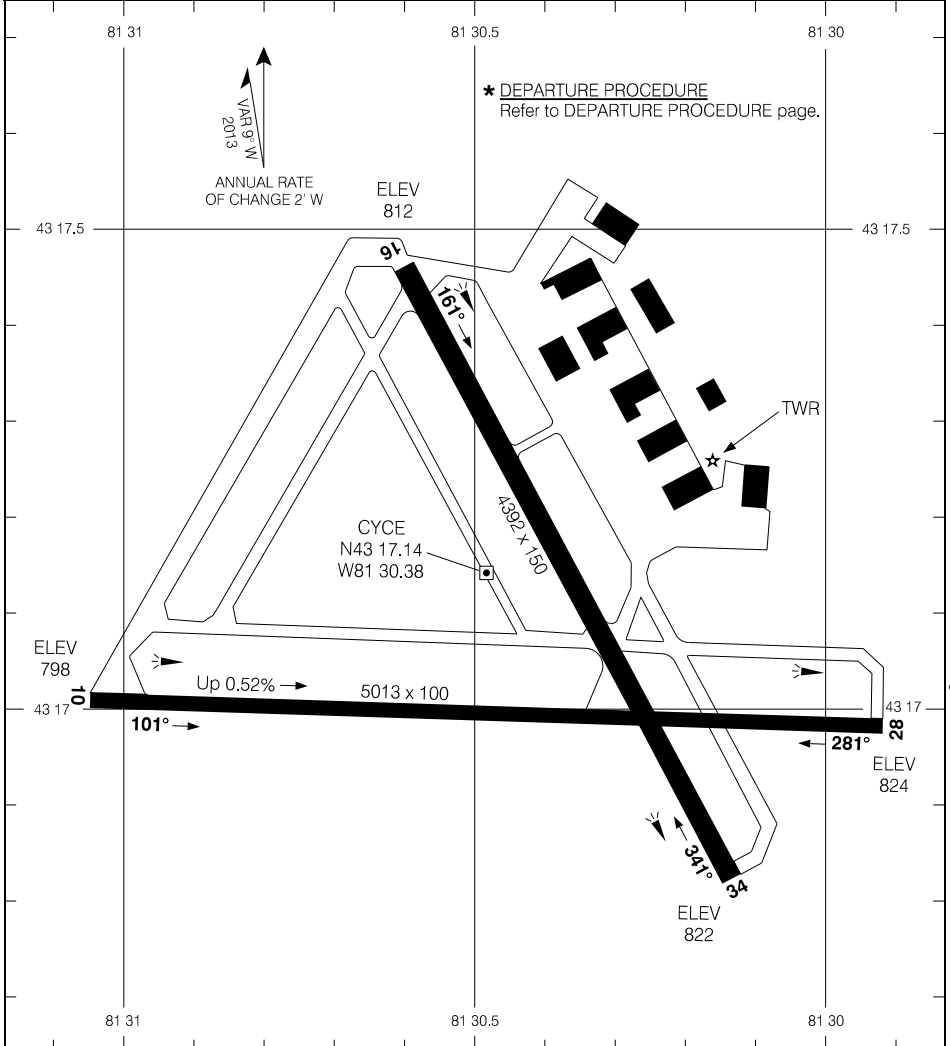
SPEC VIS - Climb in visual conditions to cross the aprt at or above **1600**. When CYA529 is active: Climb in visual conditions to cross the aprt at or above **1600**, then climb between hdg **324°** CW to **232°** to remain clear of CYA529 BPOC.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
350 FT/NM	530	700	820	940	1050	1170	1460	1750

AERODROME CHART

				UNICOM - 122.8		CTR Toronto - 135.30	
				ATF			
DECL DIST	10	28	16	34			
TORA	5013	5013	4392	4392			
TODA	5013	5013	4392	4392			
ASDA	5013	5013	4392	4392			
LDA	5013	5013	4392	4392			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 10-28: * Rwys 16-34: NOT ASSESSED	1000 500 0 1000 2000

AERODROME CHART

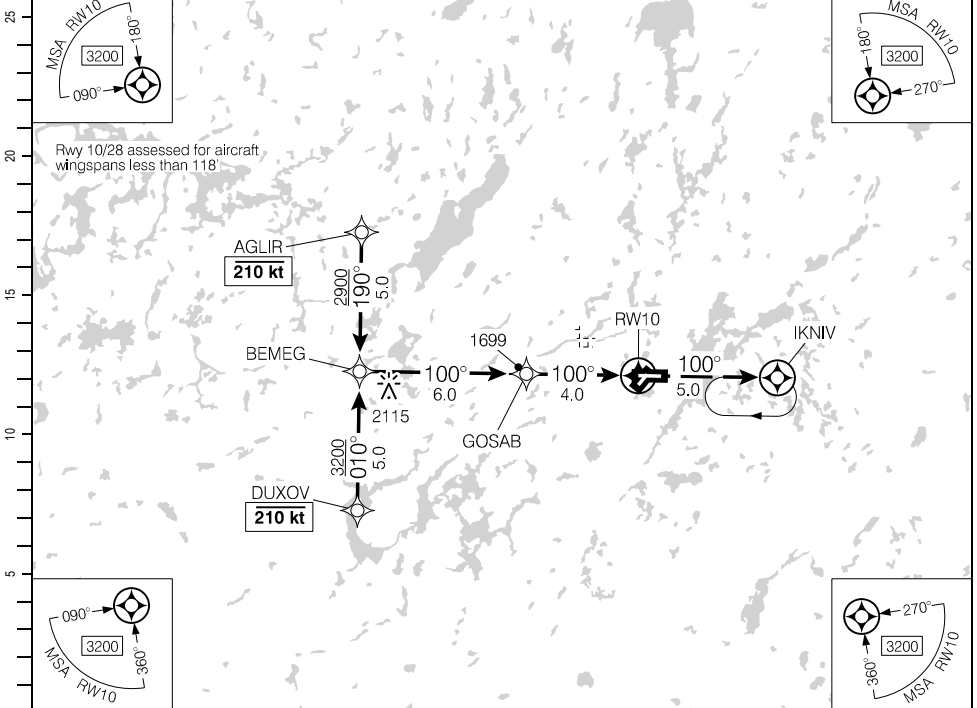
CYCE

EFF 8 SEP 22

RNAV (GNSS) RWY 10

474913N 0832049W VAR 9°W

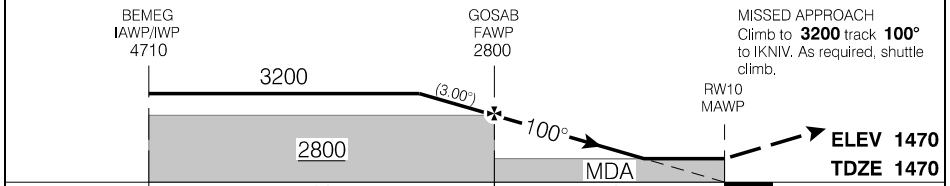
		TFC - 122.8		ATF		ARCAL 122.8*
SAFE ALT 100 NM 3400	RNAV	APCH CRS 100°	MIN ALT GOSAB 2800	LDA 5003	V1	



Rwy 10/28 assessed for aircraft wingspans less than 118'

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5.3	4	3	2	1.4	DIST FROM RW10
	4710	4390	4070	3750	3430	3200	2800	2480	2160	1980	ALT (3.00° APCH PATH)



RASS: When using CYXZ add 210'.			CATEGORY	A	B	C	D
			LNAV	1980		(510)	1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 10

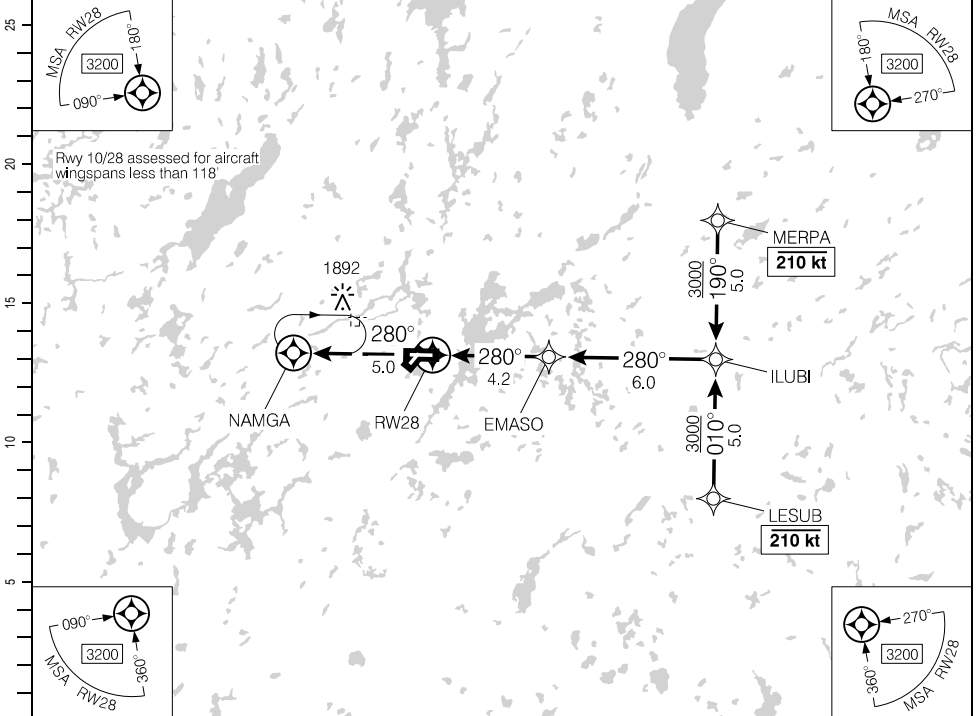
CYLD

EFF 5 DEC 19

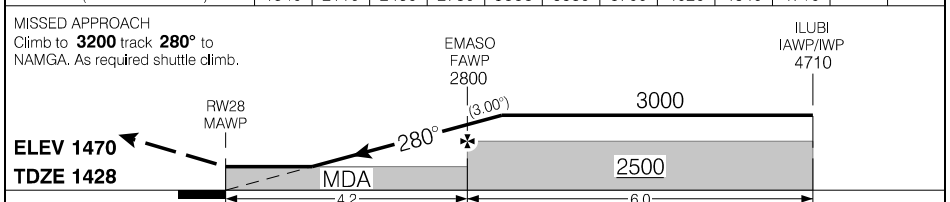
RNAV (GNSS) RWY 28

474913N 0832049W VAR 9°W

		TFC - 122.8		ATF		ARCAL 122.8*	
SAFE ALT 100 NM 3400	RNAV	APCH CRS 280°	MIN ALT EMASO 2500	LDA 5003	V1		



DIST FROM RW28	1.5	2	3	4	4.8	6	7	8	9	10.2		
ALT (3.00° APCH PATH)	1940	2110	2430	2750	3000	3380	3700	4020	4340	4710		



RASS: When using CYXZ add 210'.

CATEGORY	A	B	C	D
	1940		(518)	1½
Knots	ft/min	Min:Sec		
70	370			
90	480			
110	580			
130	690			
150	800			

RNAV (GNSS) RWY 28

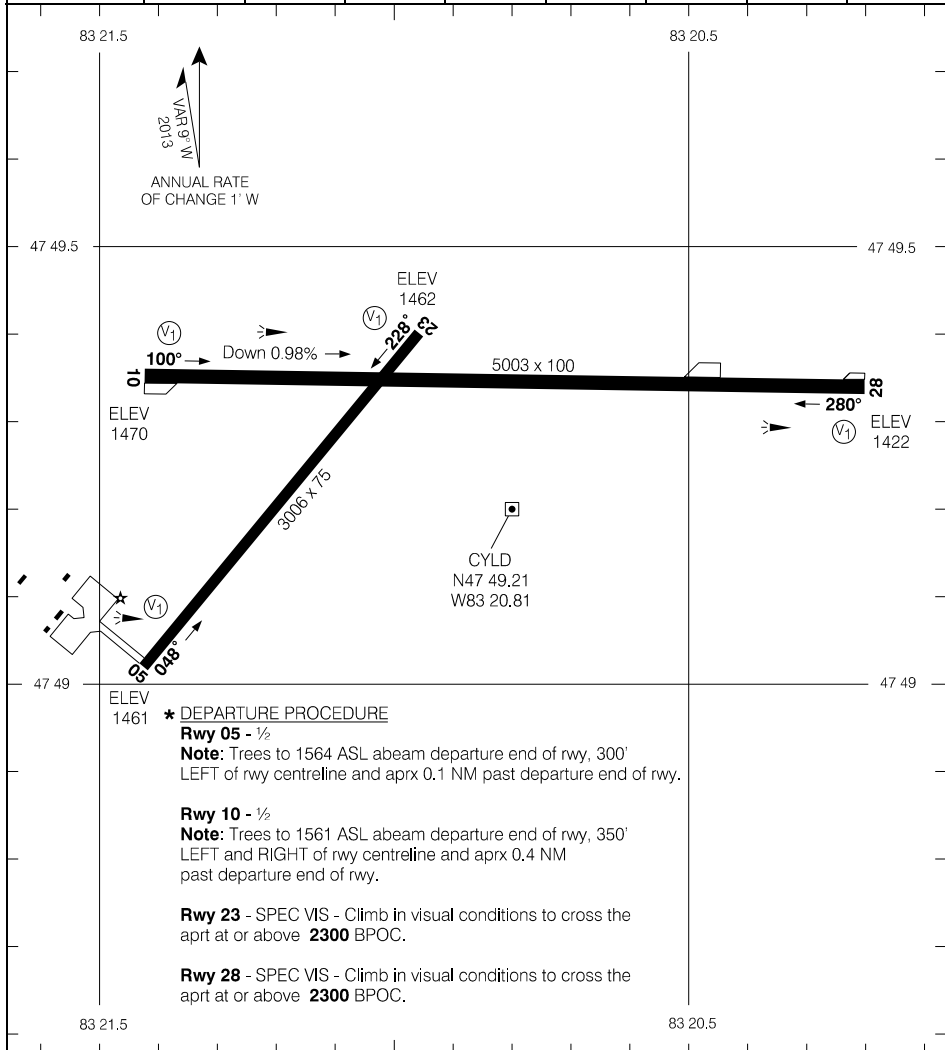
CYLD

EFF 5 DEC 19

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC- 122.8	ATF		
DECL DIST	05	23	10	28			
TORA	3006	3006	5003	5003			
TODA	3990	3990	5987	5987			
ASDA	3006	3006	5003	5003			
LDA	3006	3006	5003	5003			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

*** DEPARTURE PROCEDURE**

Rwy 05 - ½

Note: Trees to 1564 ASL abeam departure end of rwy, 300' LEFT of rwy centreline and aprx 0.1 NM past departure end of rwy.

Rwy 10 - ½

Note: Trees to 1561 ASL abeam departure end of rwy, 350' LEFT and RIGHT of rwy centreline and aprx 0.4 NM past departure end of rwy.

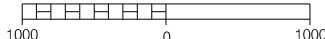
Rwy 23 - SPEC VIS - Climb in visual conditions to cross the aprt at or above **2300** BPOC.

Rwy 28 - SPEC VIS - Climb in visual conditions to cross the aprt at or above **2300** BPOC.

TAKE-OFF MINIMA

All Rwys: *

SCALE IN FEET



AERODROME CHART

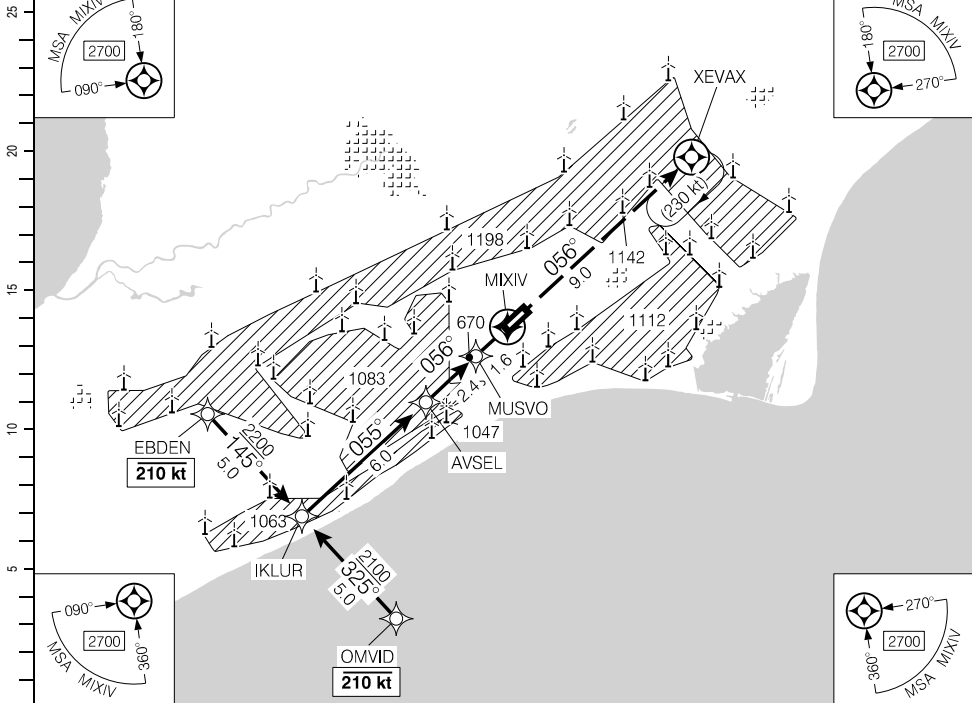
EFF 15 JUN 23

CYLD

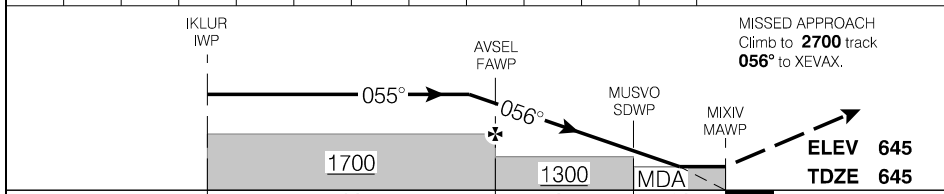
RNAV (GNSS) Z RWY 06

421822N 0820454W VAR 8°W

AWOS – 122.97	ARR Selfridge – 119.6 318.2 O/T CTR Cleveland – 132.25 298.87	UNICOM – 123.2	ATF		ARCAL 123.2(K)
SAFE ALT 100 NM 4600	RNAV	APCH CRS 056°	MIN ALT AVSEL 1700	LDA 5002	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



RASS: When using CYQG add 90°.	CATEGORY	A	B	C	D
	LNAV	940		(297)	1
Knots	ft/min	Min:Sec			
70					
90					
110					
130					
150					

RNAV (GNSS) Z RWY 06

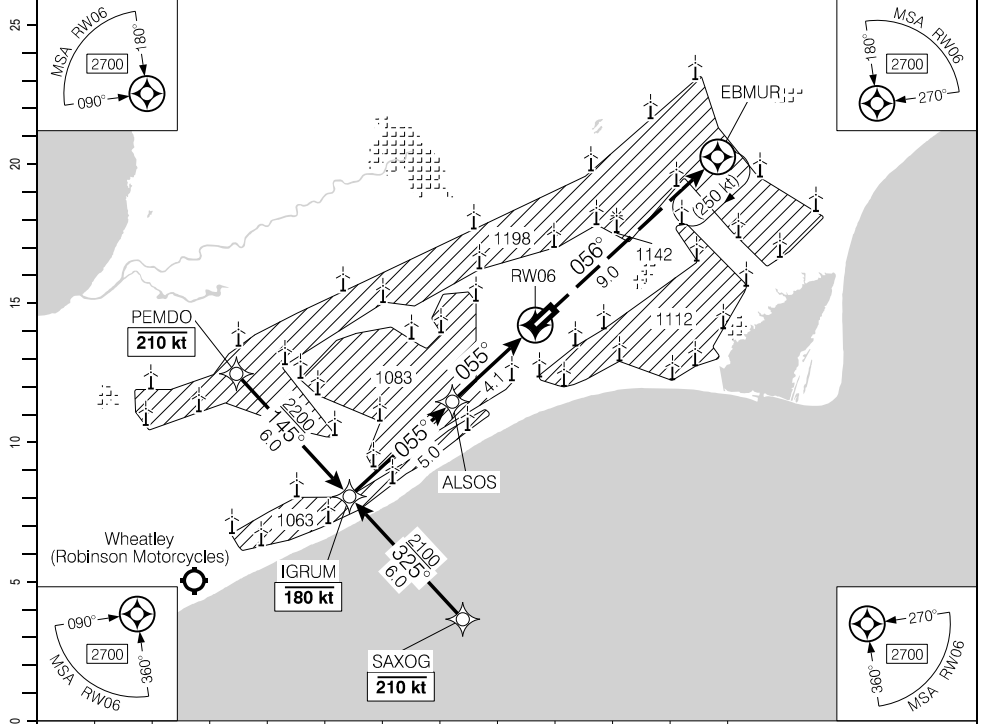
CYCK

EFF 5 NOV 20

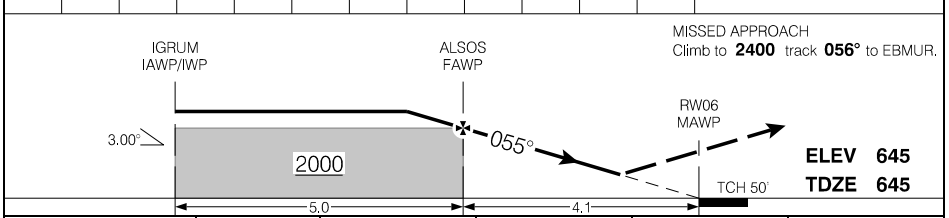
RNAV (GNSS) Y RWY 06

421822N 0820454W VAR 8°W

AWOS - 122.97	ARR Selfridge - 119.6 318.2 O/T CTR Cleveland - 132.25 298.87	UNICOM - 123.2	ATF	ARCAL 123.2(K)
SAFE ALT 100 NM 4600	WAAS Ch 80417 W06A	APCH CRS 055°	MIN ALT ALSOS 2000	LDA 5002



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



RASS: When using CYQG add 90°.	CATEGORY	A	B	C	D
	LPV	893		(250)	1
Knots	ft/min	Min:Sec			
70					
90					
110					
130					
150					

RNAV (GNSS) Y RWY 06

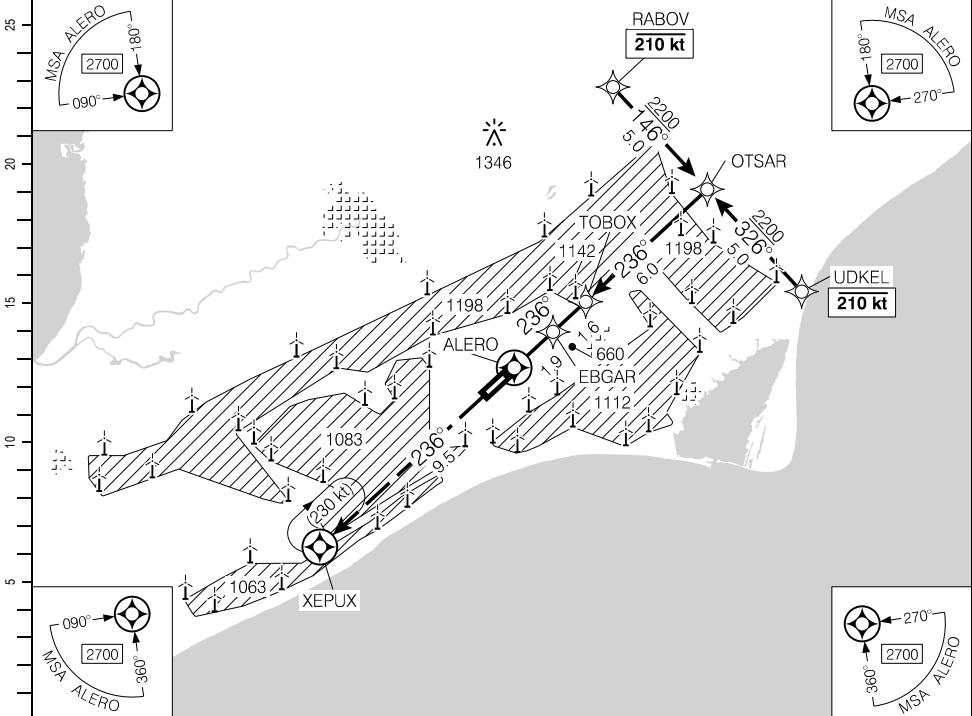
CYCK

EFF 23 FEB 23

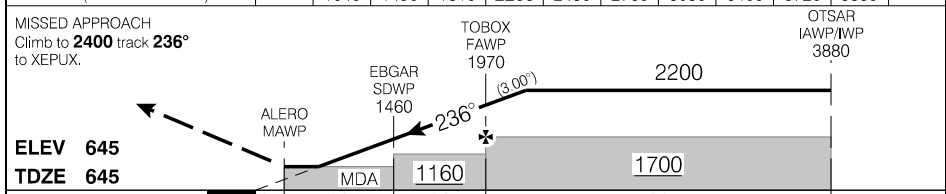
RNAV (GNSS) Z RWY 24

421822N 0820454W VAR 8°W

AWOS - 122.97		ARR Selfridge - 119.6 318.2 O/T CTR Cleveland - 132.25 298.87		UNICOM - 123.2		ARCAL 123.2(K)	
SAFE ALT 100 NM 4600		RNAV		APCH CRS 236°		MIN ALT TOBOX 1700	
				ATF		LDA 5002	



(NM)	DIST FROM ALERO	0.6	2	3	4.2	5	6	7	8	9	9.5	
	ALT (3.00° APCH PATH)	1040	1490	1810	2200	2450	2760	3080	3400	3720	3880	



RASS: When using CYQG add 90°.			CATEGORY	A	B	C	D
			LNAV	1040	(395)	1¼	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 24

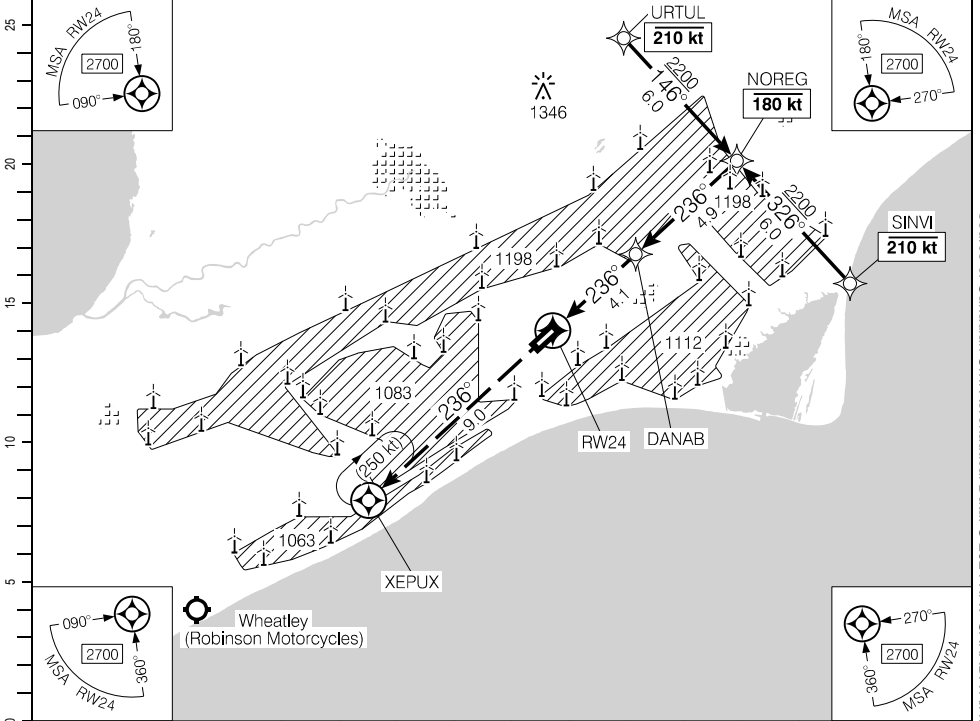
CYCK

EFF 5 NOV 20

RNAV (GNSS) Y RWY 24

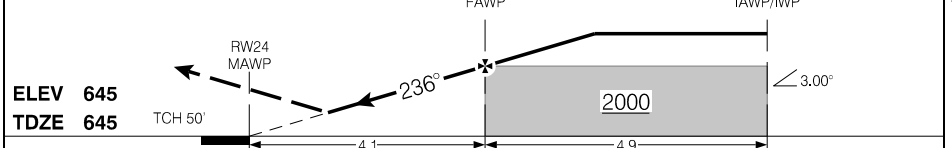
421822N 0820454W VAR 8°W

AWOS - 122.97	ARR Selfridge - 119.6 318.2 O/T CTR Cleveland - 132.25 298.87	UNICOM - 123.2	ARCAL 123.2(K) AS (P1)	
SAFE ALT 100 NM 4600	WAAS Ch 80418 W24A	APCH CRS 236°	MIN ALT DANAB 2000	LDA 5002



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MISSED APPROACH
Climb to 2400 track 236° to XEPUX.



RASS: When using CYQG add 90°.			CATEGORY	A	B	C	D
LPV			895	(250)	1		
Knots	ft/min	Min:Sec					
70							
90							
110							
130							
150							

RNAV (GNSS) Y RWY 24

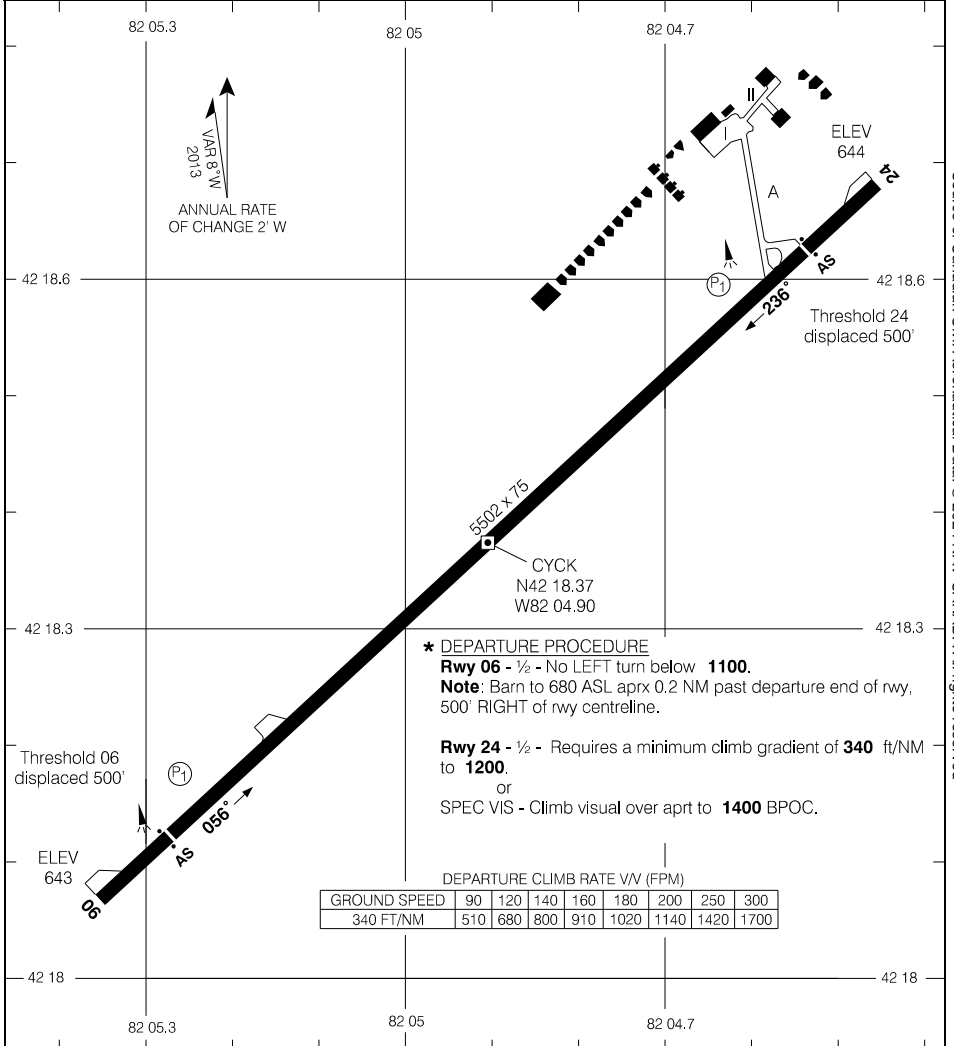
CYCK

EFF 23 FEB 23

AERODROME CHART

AWOS - 122.97				UNICOM - 123.2		ARR Selfridge - 119.6 318.2 O/T CTR Cleveland - 132.25 298.87	
						ATF	

DECL DISTS	06	24					
TORA	5502	5502					
TODA	5502	5502					
ASDA	5502	5502					
LDA	5002	5002					



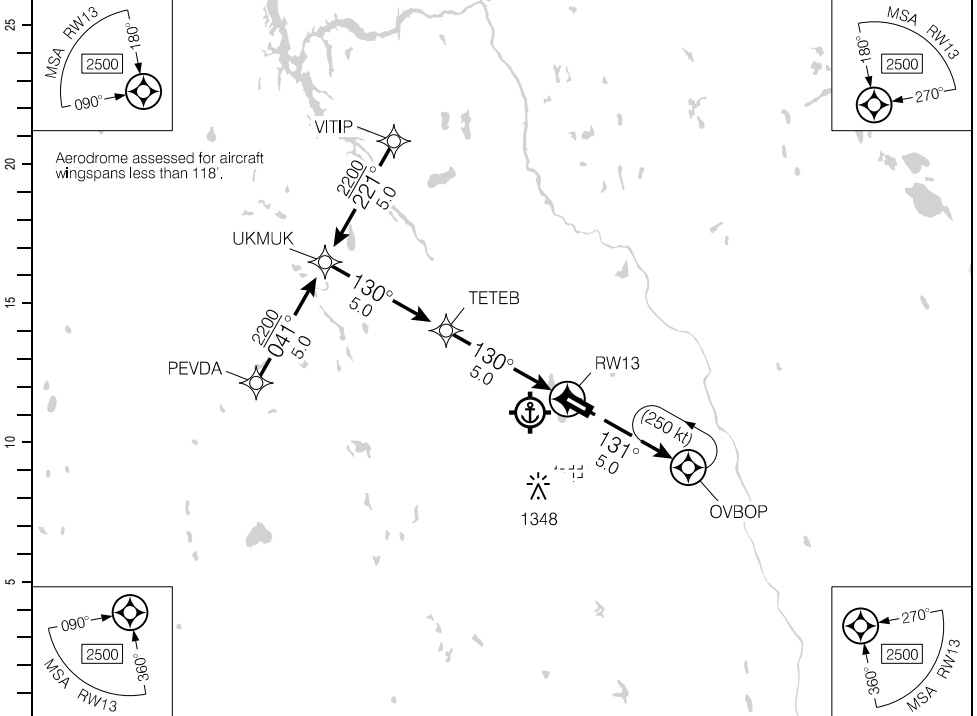
TAKE-OFF MINIMA	SCALE IN FEET
Rwys 06; 24 : *	1000 0 1000

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 13

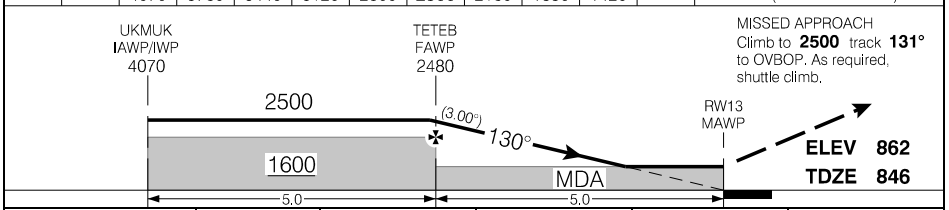
490624N 0810055W VAR 11°W

AUTO – 122.55	CTR Toronto – 128.3		TFC – 122.8		ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 3200	RNAV	APCH CRS 130°	MIN ALT TETEB 1600	LDA 4484		



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		10	9	8	7	6	5.1	4	3	1.7	DIST FROM RWY13	
		4070	3760	3440	3120	2800	2500	2160	1850	1420	ALT (3.00° APCH PATH)	



RASS: Use CYTS.			UKMUJ IAWP/IWP 4070	TETEB FAWP 2480	RWY13 MAWP		MISSED APPROACH Climb to 2500 track 131° to OVBOP. As required, shuttle climb.
			2500		(3.00°)		ELEV 862
			1600		130°		TDZE 846
			5.0		5.0		MDA
CATEGORY			A	B	C	D	
RNAV			1420		(574)	1¼	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 13

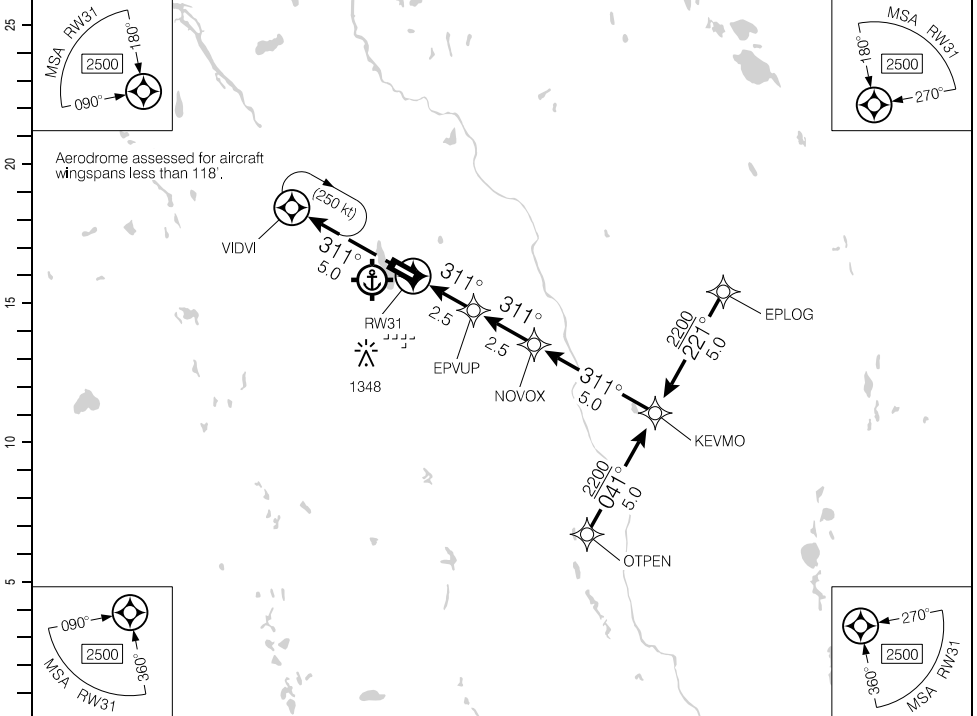
CYCN

EFF 20 APR 23

RNAV (GNSS) RWY 31

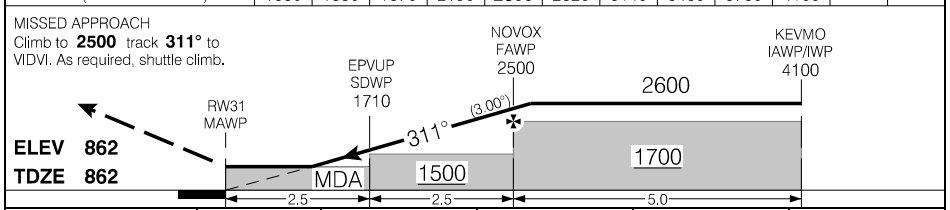
490624N 0810055W VAR 11°W

AUTO - 122.55	CTR Toronto - 128.3		TFC - 122.8		ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 3200	RNAV	APCH CRS 311°	MIN ALT NOVOX 1700	LDA 4484		



Aerodrome assessed for aircraft wingspans less than 118'.

DIST FROM RW31	1.5	2	3	4	5.3	6	7	8	9	10		
ALT (3.00° APCH PATH)	1380	1550	1870	2190	2600	2820	3140	3460	3780	4100		



RASS: Use CYTS.				CATEGORY	A	B	C	D
				RNAV	1380		(518)	1½
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 31

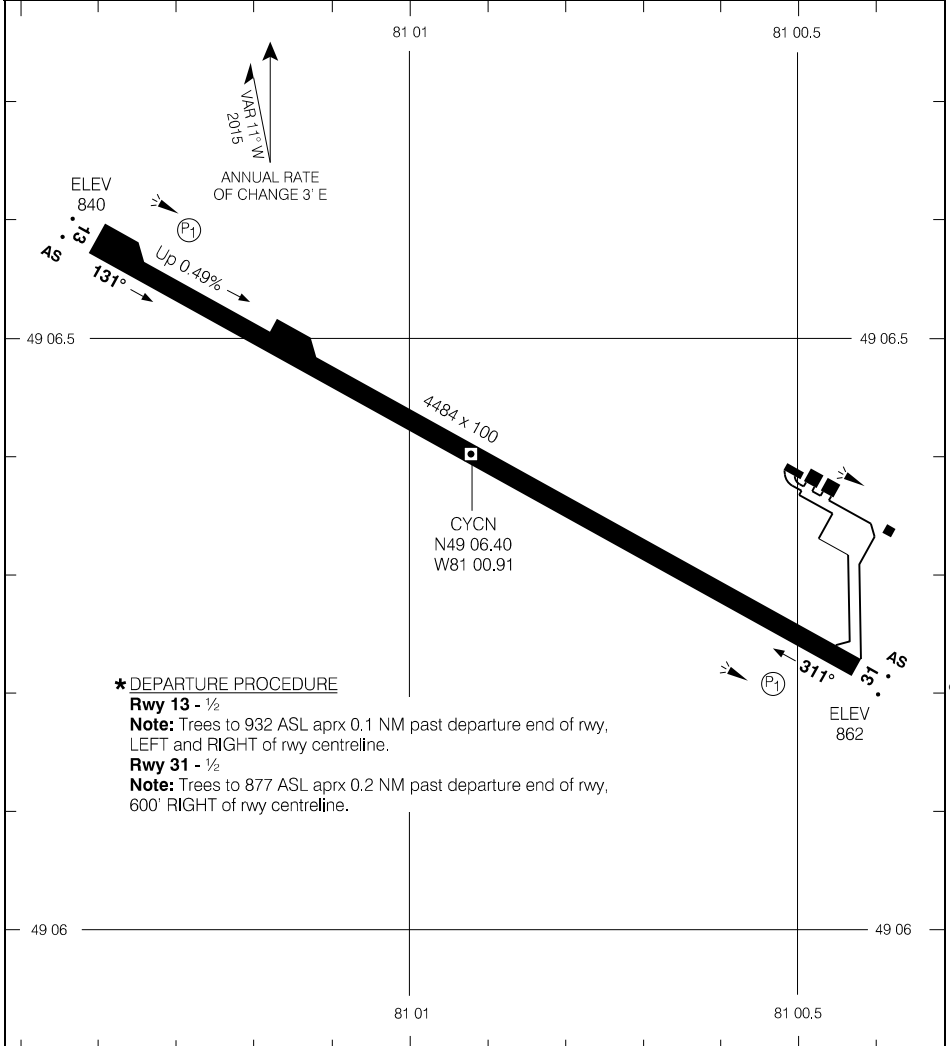
CYCN

EFF 20 APR 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AUTO - 122.55				TFC - 122.8		CTR Toronto - 128.3	
DECL DIST	13	31				ATF	
TORA	4484	4484					
TODA	4484	4484					
ASDA	4484	4484					
LDA	4484	4484					



*** DEPARTURE PROCEDURE**

Rwy 13 - 1/2

Note: Trees to 932 ASL aprx 0.1 NM past departure end of rwy, LEFT and RIGHT of rwy centreline.

Rwy 31 - 1/2

Note: Trees to 877 ASL aprx 0.2 NM past departure end of rwy, 600' RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 31, 13: *



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

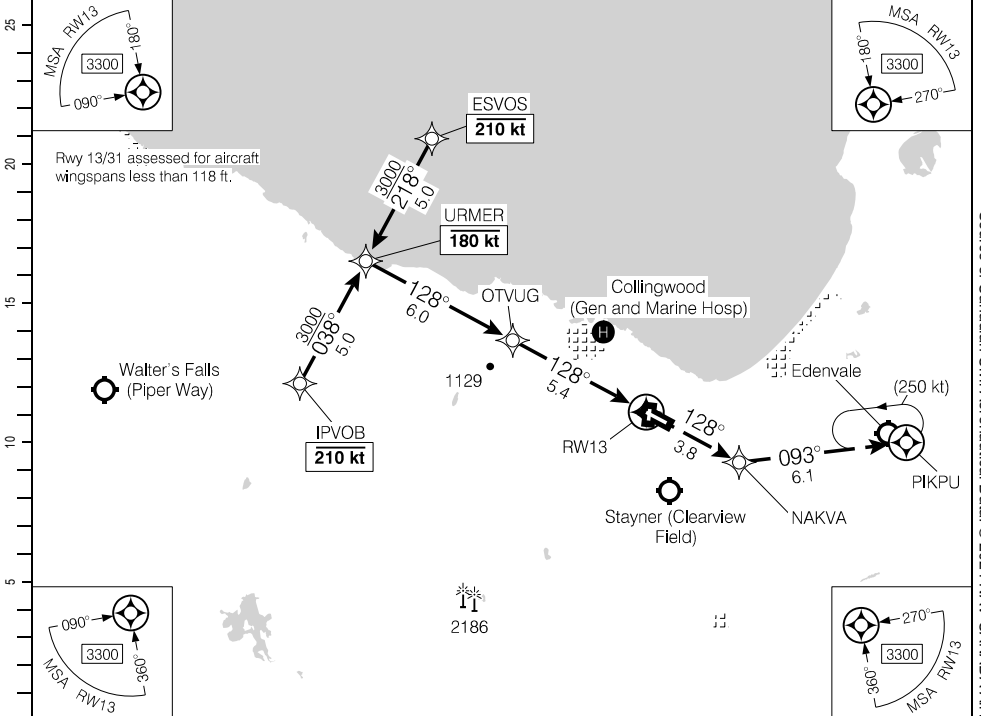
EFF 20 JUN 19

CYCN

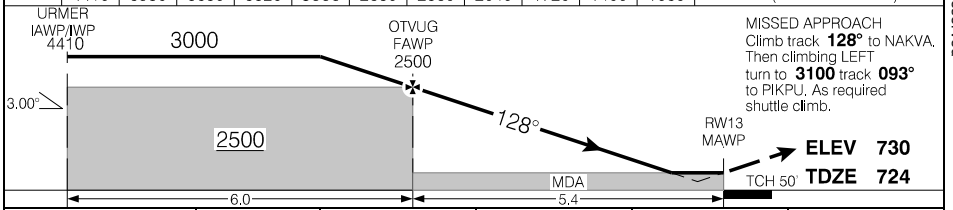
RNAV (GNSS) RWY 13

442658N 0800933W VAR 10°W

CTR Toronto – 124.02		UNICOM – 122.85		ARCAL 122.85(K)	
AUTO – 122.17				AS	
SAFE ALT 100 NM 3300	WAAS Ch 80118 W13A	APCH CRS 128°	MIN ALT OTVUG 2500	LDA 5000	



(NM)	11.4	10	9	8	7.0	6	5	4	3	2	0.9	DIST FROM RW13
	4410	3950	3630	3320	3000	2680	2360	2040	1720	1400	1060	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	968	(250)		1
			LNAV	1060	(342)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 13

CNY3

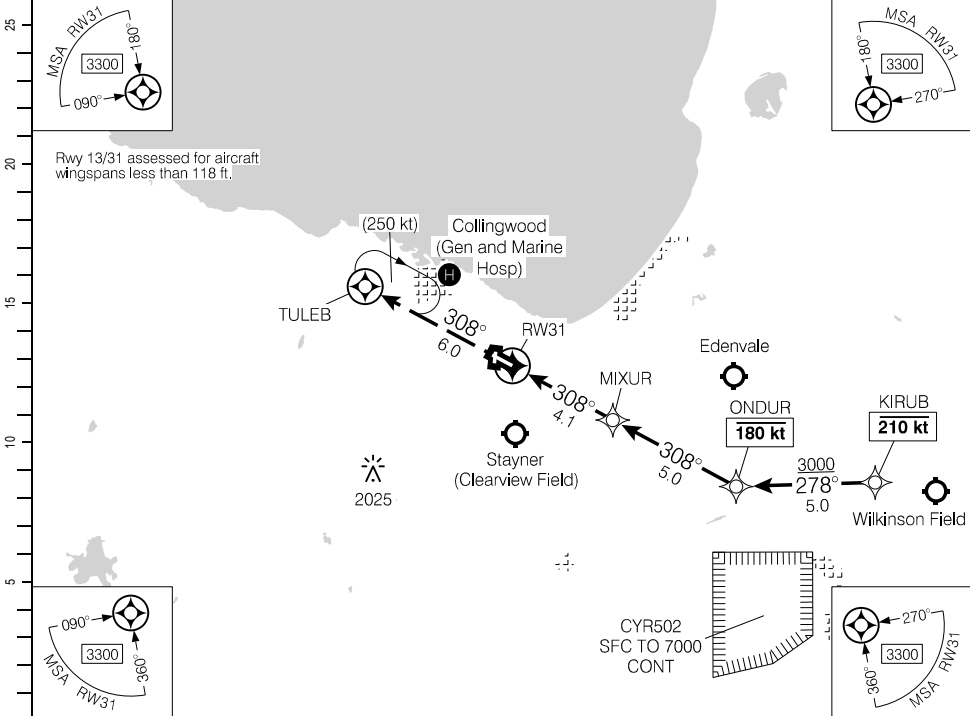
EFF 5 NOV 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

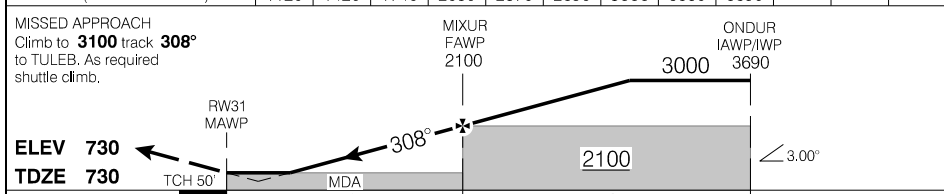
RNAV (GNSS) RWY 31

442658N 0800933W VAR 10°W

CTR Toronto – 124.02		UNICOM – 122.85			ARCAL 122.85(K)	
AUTO – 122.17		ATF			AS	
SAFE ALT 100 NM 3300	WAAS Ch 80119 W31A	APCH CRS 308°	MIN ALT MIXUR 2100	LDA 5000		



DIST FROM RW31	1.1	2	3	4	5	6	7.0	8	9.1			
ALT (3.00° APCH PATH)	1120	1420	1740	2050	2370	2690	3000	3330	3690			



			CATEGORY	A	B	C	D
			LPV	980	(250)		1
			LNAV	1120	(390)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 31

EFF 29 DEC 22

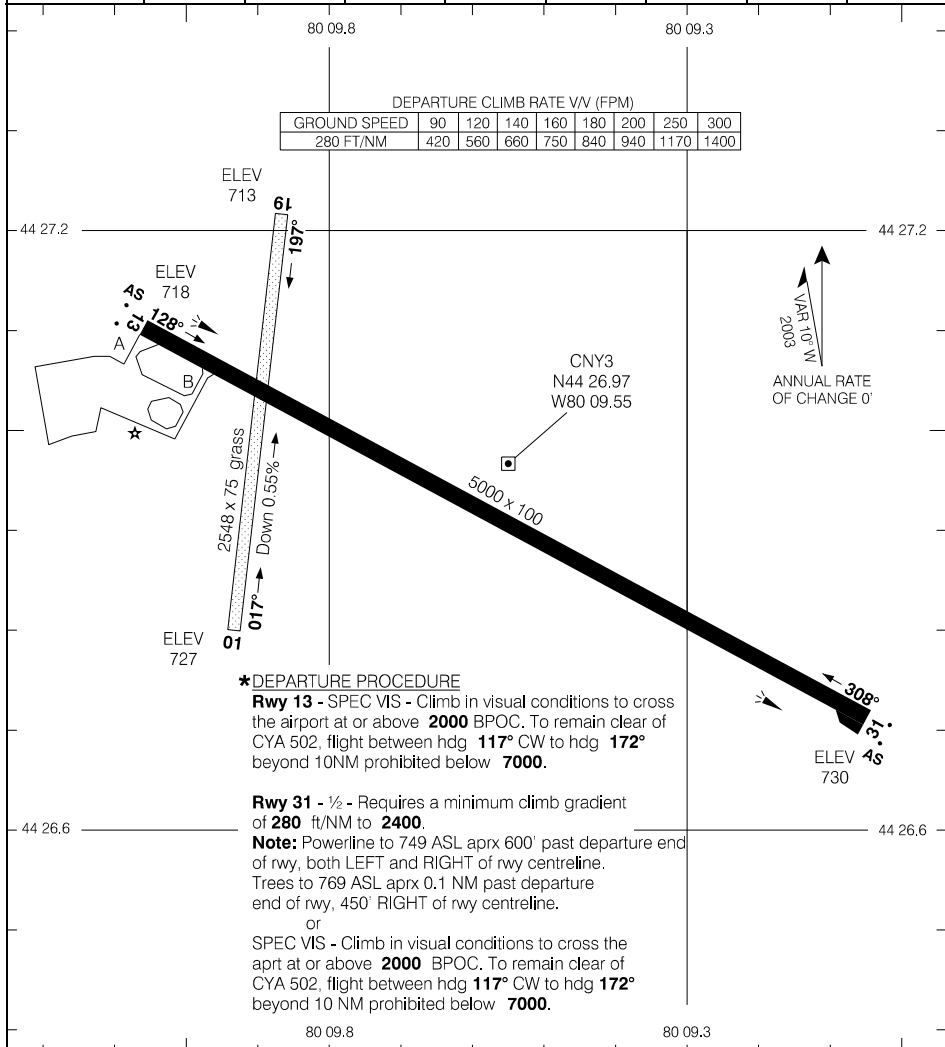
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

AUTO - 122.17		UNICOM - 122.85			CTR Toronto - 124.02	
ATF						

DECL DIST	01	19	13	31		
TORA	2548	2548	5000	5000		
TODA	2548	2548	5984	5000		
ASDA	2548	2548	5000	5000		
LDA	2548	2548	5000	5000		

GROUND SPEED	90	120	140	160	180	200	250	300
280 FT/NM	420	560	660	750	840	940	1170	1400



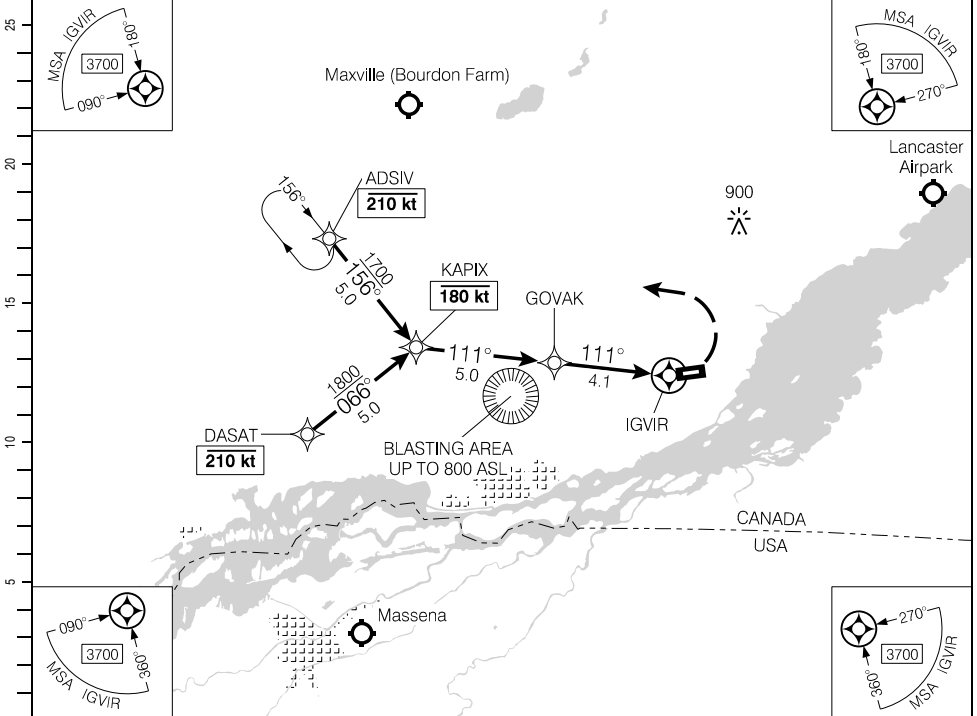
TAKE-OFF MINIMA	SCALE IN FEET
Rwys 01;19: NOT ASSESSED Rwys 13; 31: ★	1000 500 0 1000

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 10

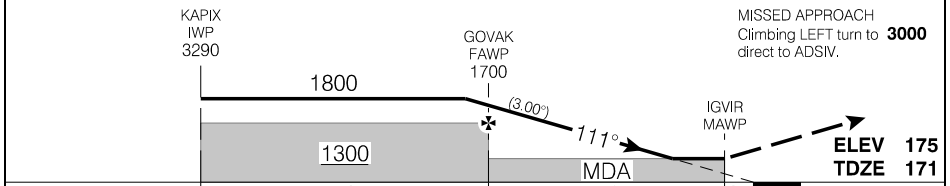
450534N 0743404W VAR 15°W

CTR Boston – 135.25 377.1		UNICOM – 122.77			ARCAL 122.775°	
SAFE ALT 100 NM 7500		RNAV	APCH CRS 111°	MIN ALT GOVAK 1300	LDA 3510	V ₁ 14.0°



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9.1	8	7	6	5	4.5	3	2	0.9	DIST FROM IGVR
	3290	2930	2610	2290	1970	1800	1330	1020	680	ALT (3.00° APCH PATH)



RASS: Use KMSS.	CATEGORY	A	B	C	D
	LNAV	680	(509) 1½	NOT AUTHORIZED	

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

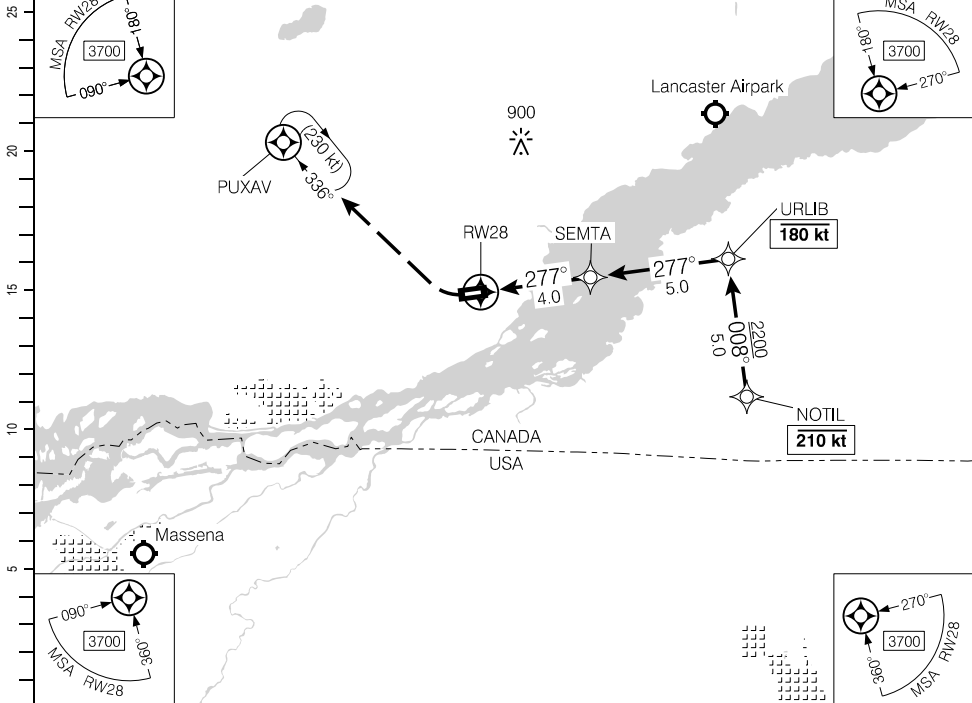
RNAV (GNSS) RWY 10

EFF 31 DEC 20

RNAV (GNSS) RWY 28

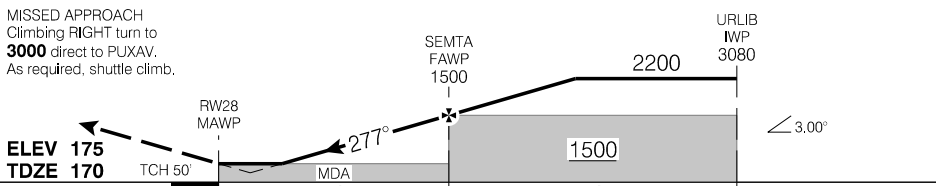
450534N 0743404W VAR 15°W

CTR Boston – 135.25 377.1		UNICOM – 122.77			ARCAL 122.775°	
SAFE ALT 100 NM 7500		WAAS Ch 80831 W28A	APCH CRS 277°	MIN ALT SEMTA 1500	LDA 3510	(V1)



DIST FROM RW28	1.1	2	3	4	5	6.2	7	8	9		
ALT (3.00° APCH PATH)	580	860	1170	1500	1810	2200	2450	2770	3080		

MISSED APPROACH
Climbing RIGHT turn to
3000 direct to PUXAV.
As required, shuttle climb.



RASS: Use KMSS.		CATEGORY	A	B	C	D
		LPV	461 (292)	1	NOT AUTHORIZED	
		RNAV	580 (411)	1/4	NOT AUTHORIZED	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

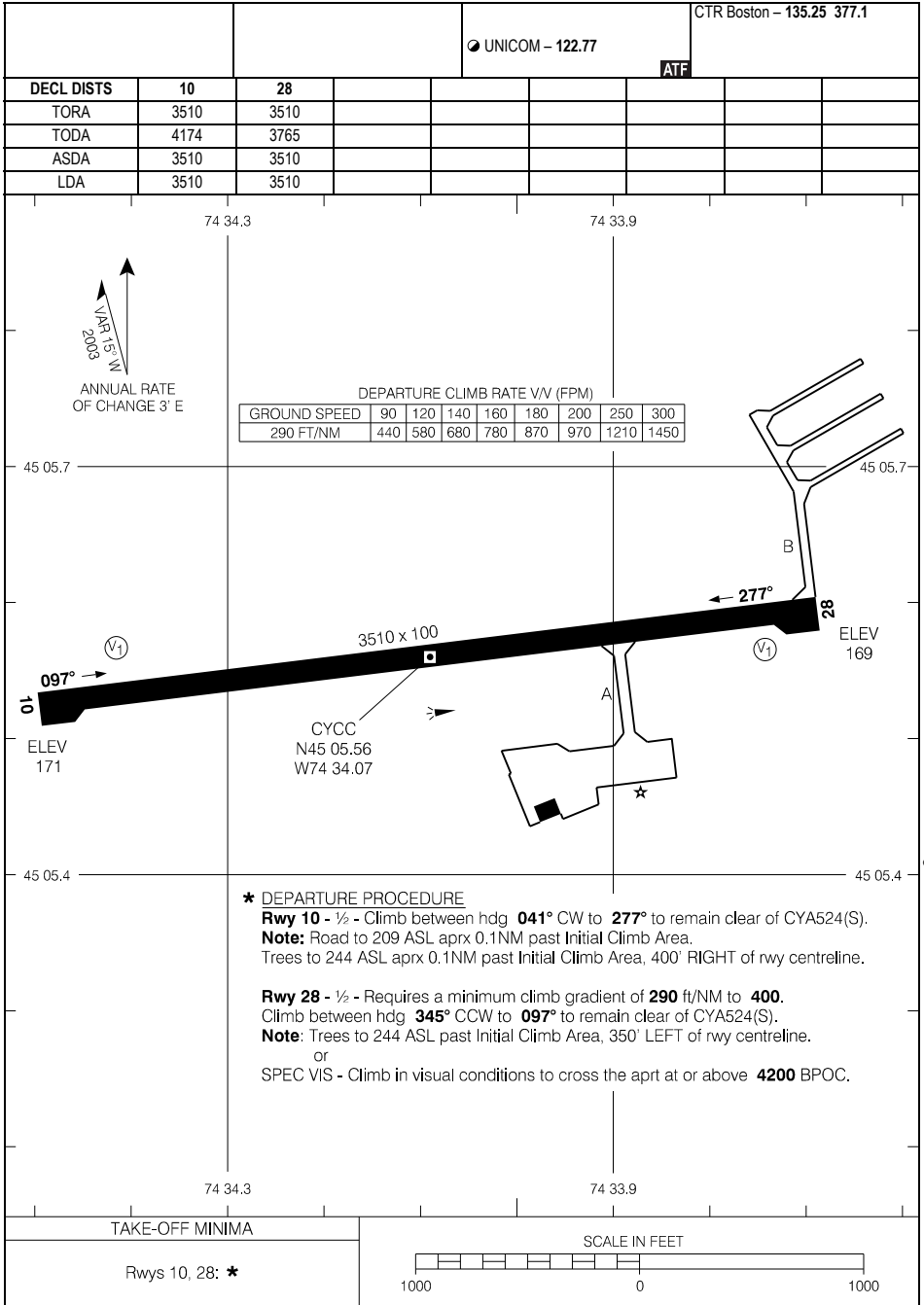
RNAV (GNSS) RWY 28

CYCC

EFF 31 DEC 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

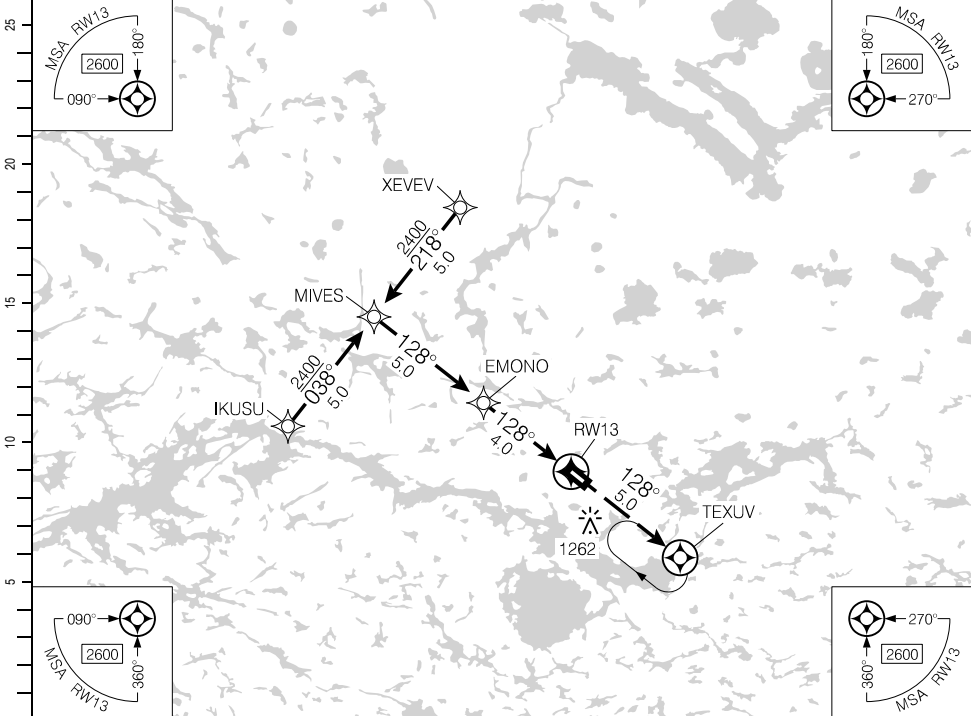
CYCC

EFF 31 DEC 20

RNAV (GNSS) RWY 13

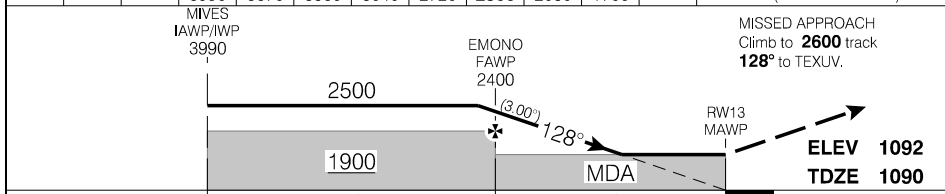
523921N 0940341W VAR 0°

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000	RNAV	APCH CRS 128°	MIN ALT EMONO 1900	LDA 3506			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

						9	8	7	6	5	4.3	3	1.8			DIST FROM RW13	
						3990	3670	3360	3040	2720	2500	2080	1700				ALT (3.00° APCH PATH)



RASS: Use CZSJ. When using CZGR add 60°.		CATEGORY	A	B	C	D
LNAV		1700	(610)	2		
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 13

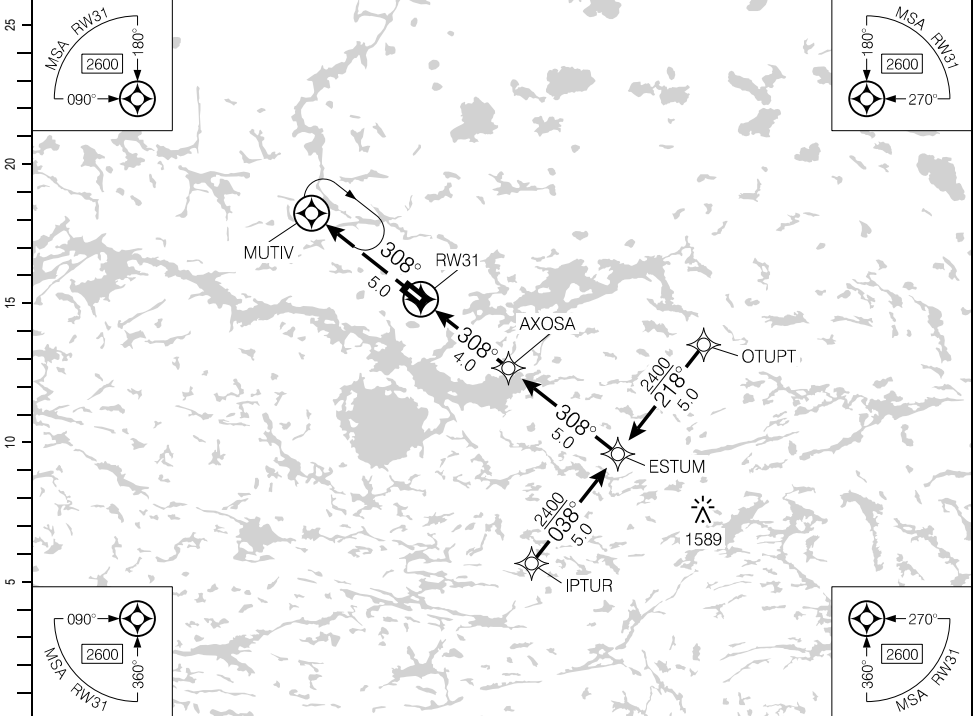
CYVZ

EFF 5 DEC 19

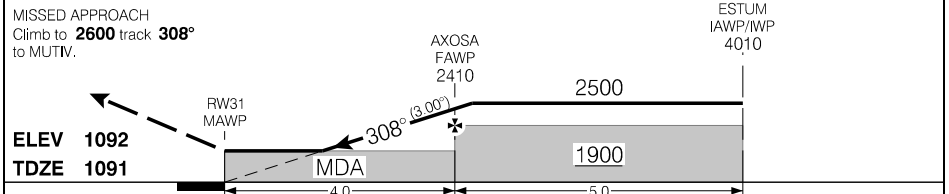
RNAV (GNSS) RWY 31

523921N 0940341W VAR 0°

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV		APCH CRS 308°		MIN ALT AXOSA 1900	
				LDA 3506		AP 4S	



(NM)	DIST FROM RW31	1.7	3	4.3	5	6	7	8	9		
	ALT (3.00° APCH PATH)	1680	2100	2500	2730	3050	3370	3690	4010		



RASS: Use CZSJ. When using CZGR add 60'.		CATEGORY	A	B	C	D
RNAV		1680	(589)	1¼		
Knobs	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 31

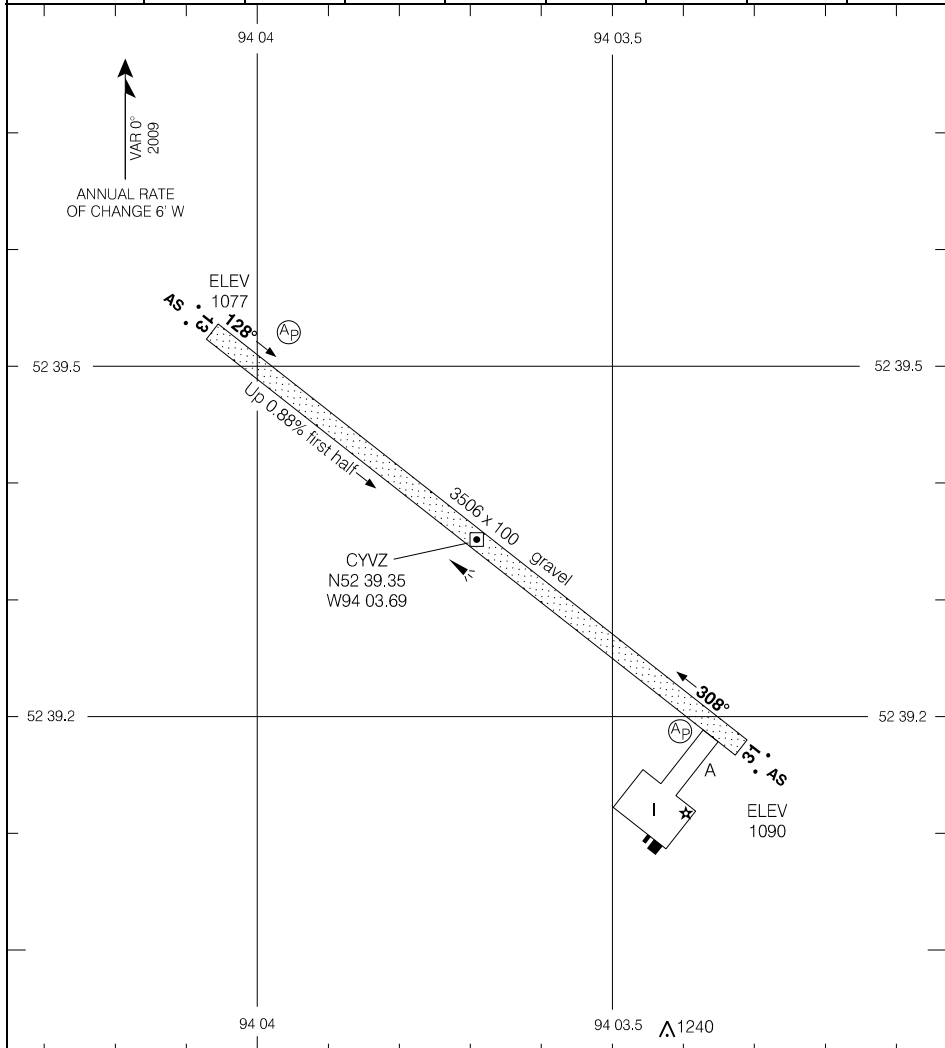
CYVZ

EFF 5 DEC 19

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

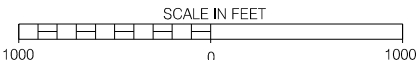
AERODROME CHART

				TFC - 122.8		ATF	
DECL DIST	13	31					
TORA	3506	3506					
TODA	4490	4490					
ASDA	3506	3506					
LDA	3506	3506					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA
NOT ASSESSED



AERODROME CHART

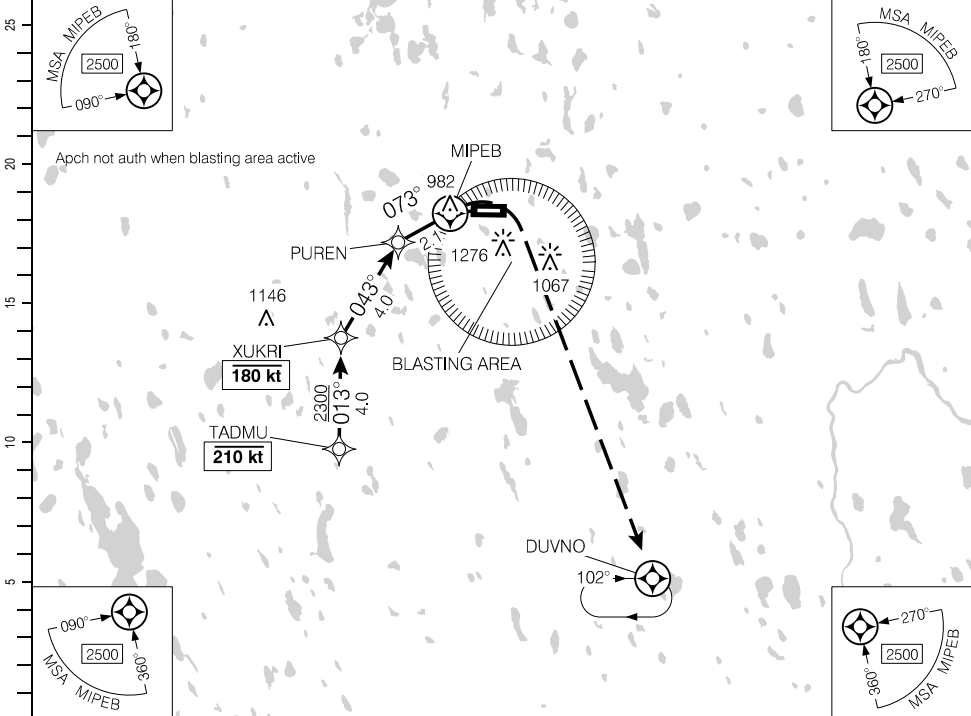
CYVZ

EFF 27 JAN 22

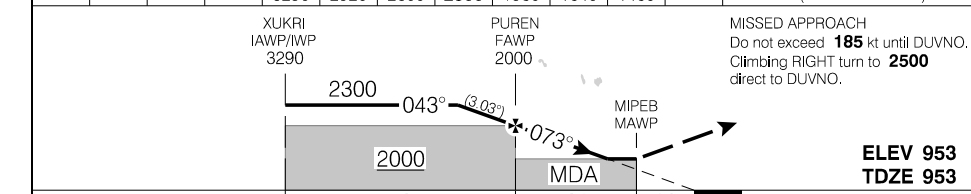
RNAV (GNSS) Z RWY 10

500238N 0794446W VAR 12°W

CTR Toronto – 128.3 133.72		UNICOM – 122.95			ARCAL 122.95(K)	
AUTO – 122.17		ATF				
SAFE ALT 100 NM 3100	RNAV	APCH CRS 073°	MIN ALT PUREN 2000	LDA 5002		



				6.1	5	4	3.1	2	1	0.5	DIST FROM MIPEB
				3290	2920	2600	2300	1960	1640	1460	ALT (3.03° APCH PATH)



	CATEGORY	A	B	C	D
	RNAV	1460	(507)	1½	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV (GNSS) Z RWY 10

CDT9

EFF 15 JUN 23

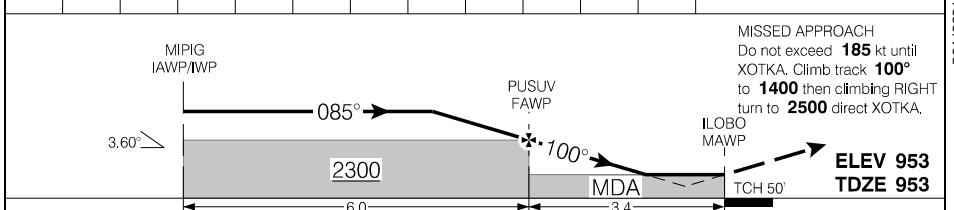
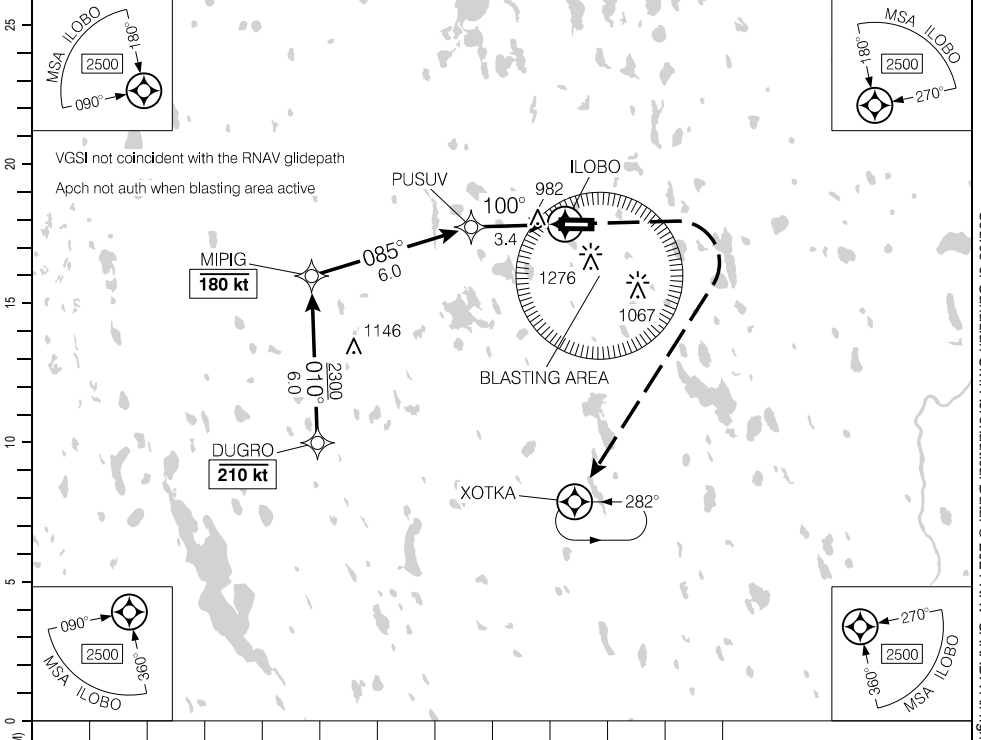
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Y RWY 10

500238N 0794446W VAR 12°W

CDT9

CTR Toronto – 128.3 133.72		UNICOM – 122.95		ARCAL 122.95(K)	
AUTO – 122.17		ATF		P2 ↑ 3.0°	
SAFE ALT 100 NM 3100	WAAS Ch 80870 W10A	APCH CRS 100°	MIN ALT PUSUV 2300	LDA 5002	



	CATEGORY	A	B	C	D
	LPV	1203	(250)		1	NOT AUTHORIZED
Knots	LNAV	1340	(387)	1½	NOT AUTHORIZED
ft/min					
Min:Sec					
70					
90					
110					
130					
150					

RNAV (GNSS) Y RWY 10

CDT9

EFF 5 OCT 23

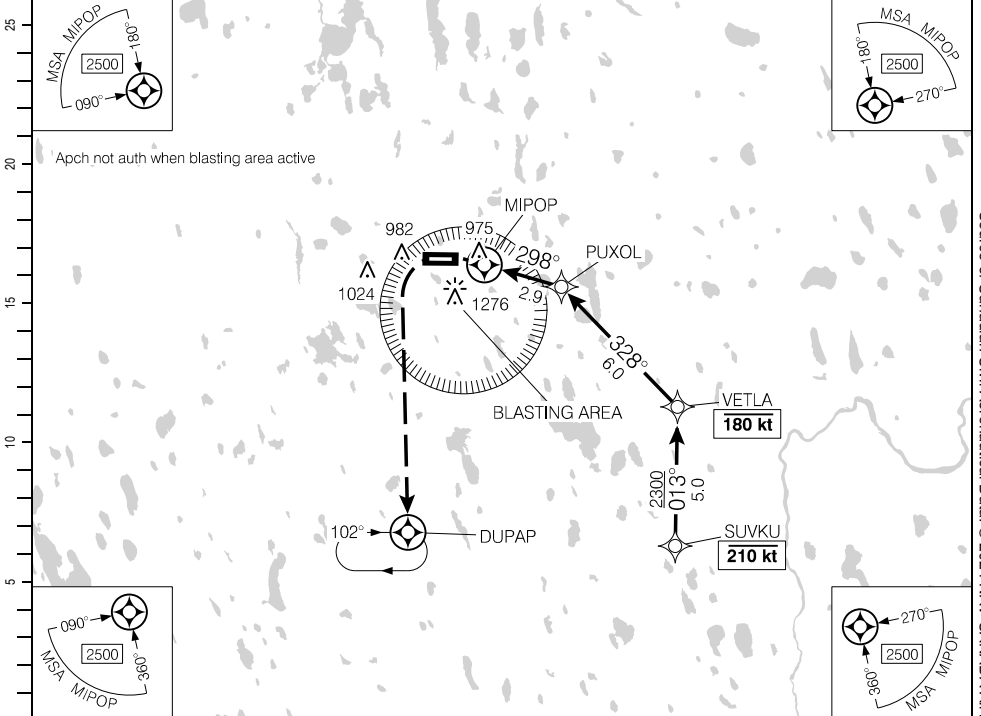
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Z RWY 28

500238N 0794446W VAR 12°W

CTR Toronto – 128.3 133.72		UNICOM – 122.95			ARCAL 122.95(K)	
AUTO – 122.17		ATF			P2 ↗	

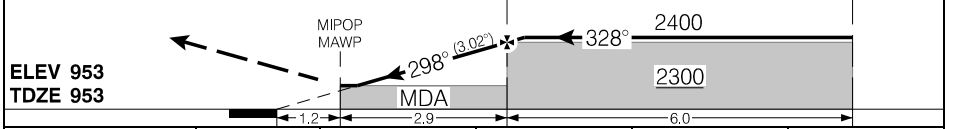
SAFE ALT 100 NM 3100	RNAV	APCH CRS 298°	MIN ALT PUXOL 2300	LDA 5002	15.0° ↗
--------------------------------	------	-------------------------	------------------------------	--------------------	---------



DIST FROM MIPOP	0.3	1	2	3.2	4	5	6	7	8	8.9
ALT (3.02° APCH PATH)	1460	1690	2010	2400	2650	2970	3290	3610	3940	4220

MISSED APPROACH
Do not exceed **185 kt** until DUPAP.
Climbing LEFT turn to **2500** direct DUPAP.

PUXOL FAWP 2300
VETLA IAWP/IWP 4220



CATEGORY		A	B	C	D
LNAV		1460	(514)	1½	
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) Z RWY 28

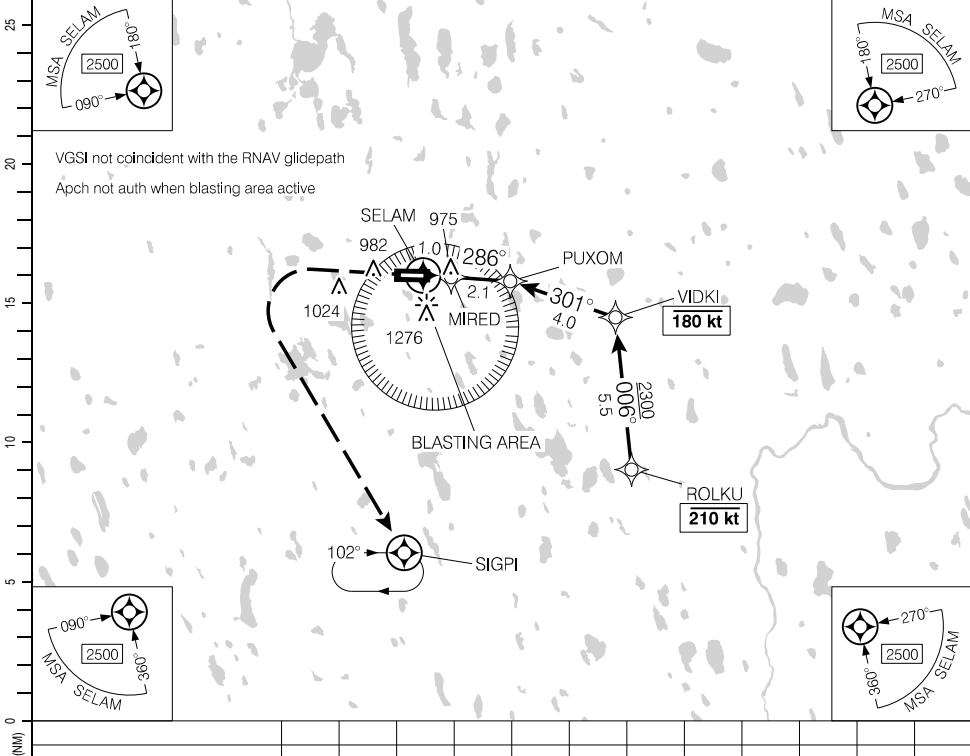
EFF 15 JUN 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Y RWY 28

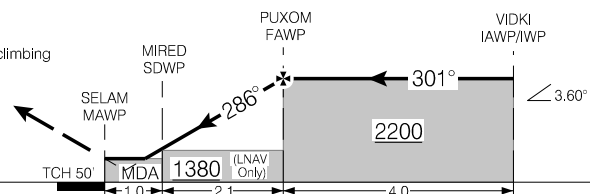
500238N 0794446W VAR 12°W

CTR Toronto – 128.3 133.72		UNICOM – 122.95			ARCAL 122.95(K)	
AUTO – 122.17		ATF				
SAFE ALT 100 NM 3100	WAAS Ch 80871 W28A	APCH CRS 286°	MIN ALT PUXOM 2200	LDA 5002	3.0°	



MISSED APPROACH
Do not exceed **185 kt** until SIGPI.
Climb track **286°** to **1400** then climbing
LEFT turn to **2500** direct SIGPI.

ELEV 953
TDZE 953



			CATEGORY	A	B	C	D
			LPV	1196	(250)	1	NOT AUTHORIZED
			RNAV	1300	(354)	1 1/4	NOT AUTHORIZED
Knots	ft/min	Min:Sec					
70							
90							
110							
130							
150							

RNAV (GNSS) Y RWY 28

EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

Departure Route Description

Rwy 10 – ½: Climb track **103°** to PUVIP, then track **193°** to MIBSU, then track **252°** to GRAMP.

Note: Trees and terrain to 968 ASL 0.1 NM past departure end of rwy, 490' RIGHT of rwy centreline. Powerline to 981 ASL 0.2 NM past departure end of rwy, 680' LEFT of rwy centreline.

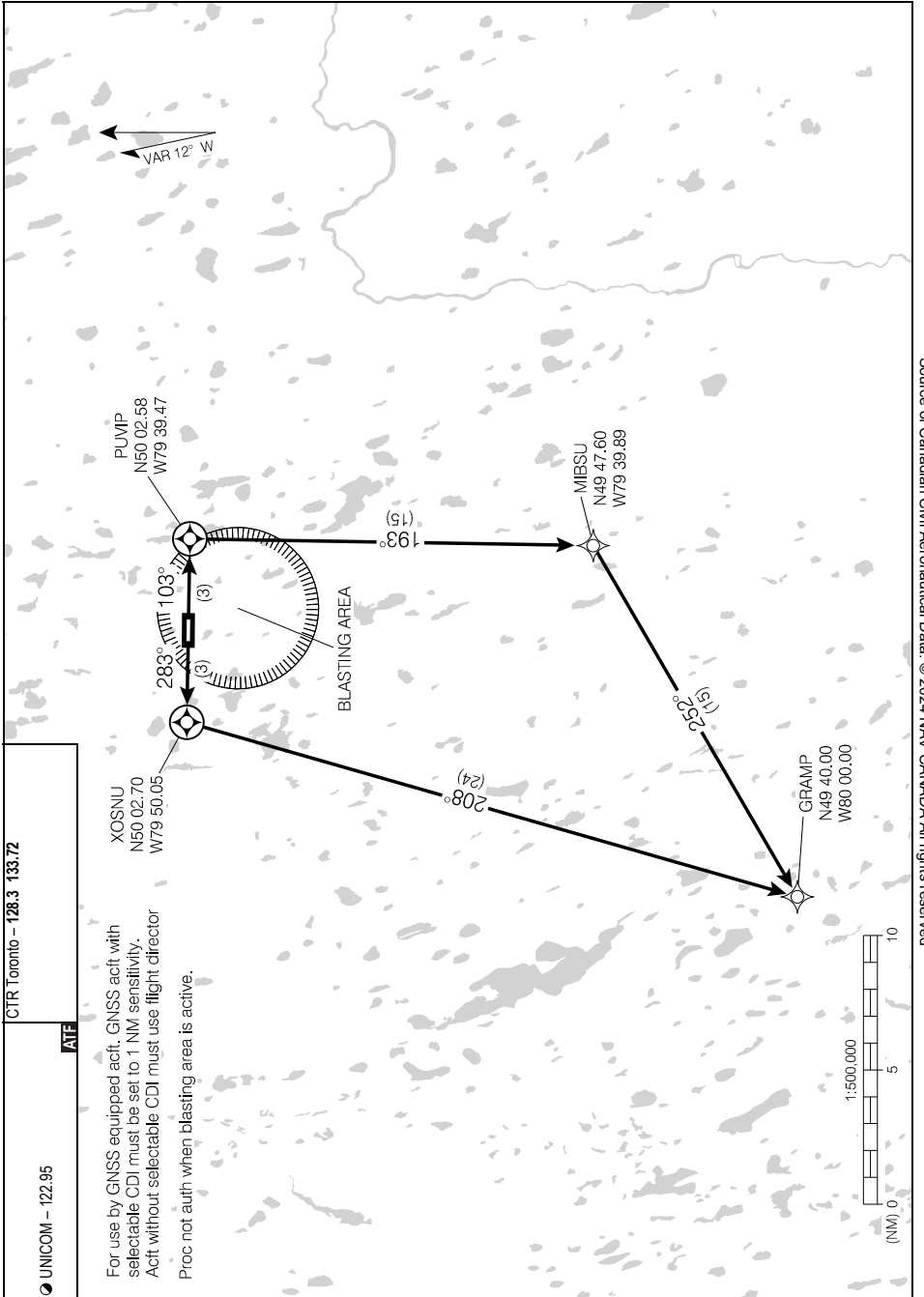
Rwy 28 – ½: Climb track **283°** to XOSNU, then track **208°** to GRAMP.

Note: Powerline running parallel to departure path RIGHT of rwy centreline to 1072 ASL. Trees to 968 ASL abeam departure end of rwy, 470' LEFT and RIGHT of rwy centreline. Trees and terrain to 1067 ASL 0.6 NM past departure end of rwy, 400' LEFT of rwy centreline.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE (RNAV)
GRAMP ONE DEP (GRAMP1.)

DETOUR LAKE, ON
CDT9



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

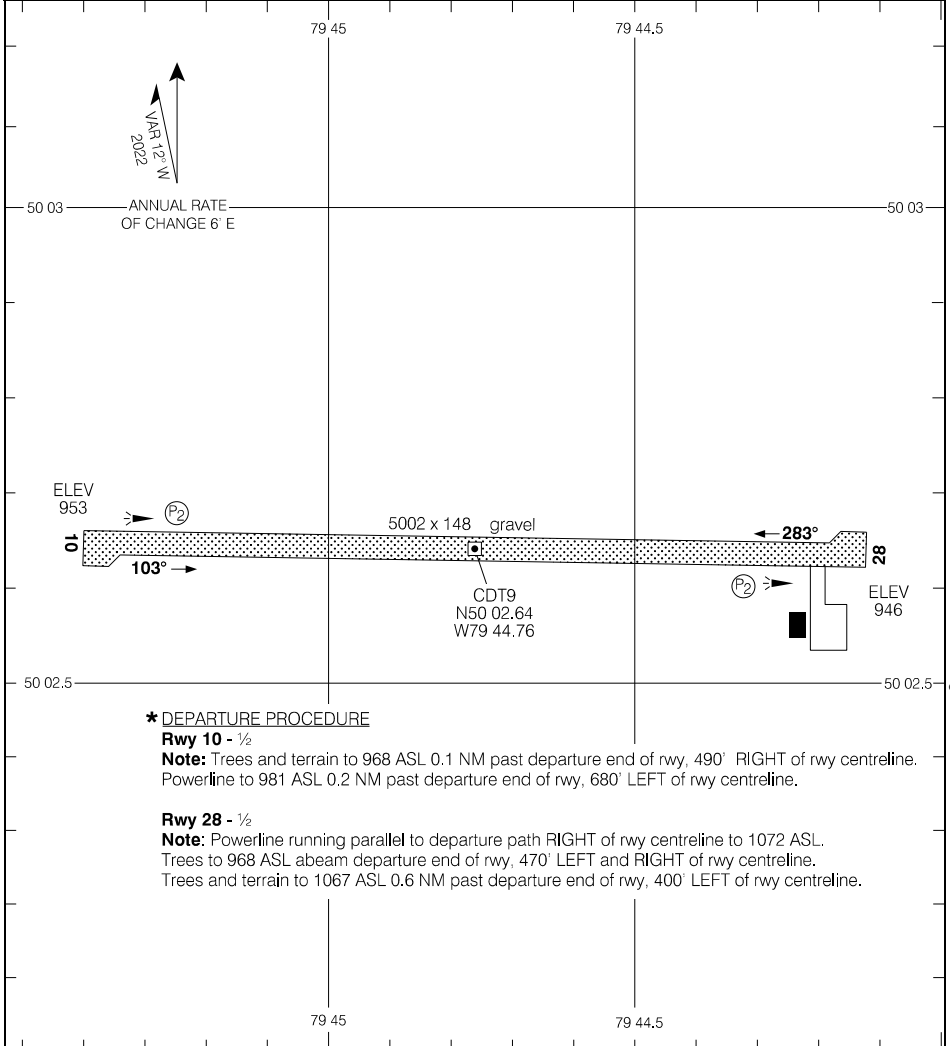
GRAMP ONE DEP (GRAMP1.)
EFF 23 FEB 23

CDT9

AERODROME CHART

AUTO - 122.17		UNICOM - 122.95		CTR Toronto - 128.3 133.72	
				ATF	

DECL DIST	10	28					
TORA	5002	5002					
TODA	5002	5002					
ASDA	5002	5002					
LDA	5002	5002					



*** DEPARTURE PROCEDURE**

Rwy 10 - 1/2

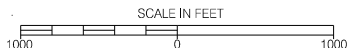
Note: Trees and terrain to 968 ASL 0.1 NM past departure end of rwy, 490' RIGHT of rwy centreline. Powerline to 981 ASL 0.2 NM past departure end of rwy, 680' LEFT of rwy centreline.

Rwy 28 - 1/2

Note: Powerline running parallel to departure path RIGHT of rwy centreline to 1072 ASL. Trees to 968 ASL abeam departure end of rwy, 470' LEFT and RIGHT of rwy centreline. Trees and terrain to 1067 ASL 0.6 NM past departure end of rwy, 400' LEFT of rwy centreline.

TAKE-OFF MINIMA

Rwys 10; 28: *



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

EFF 15 JUN 23

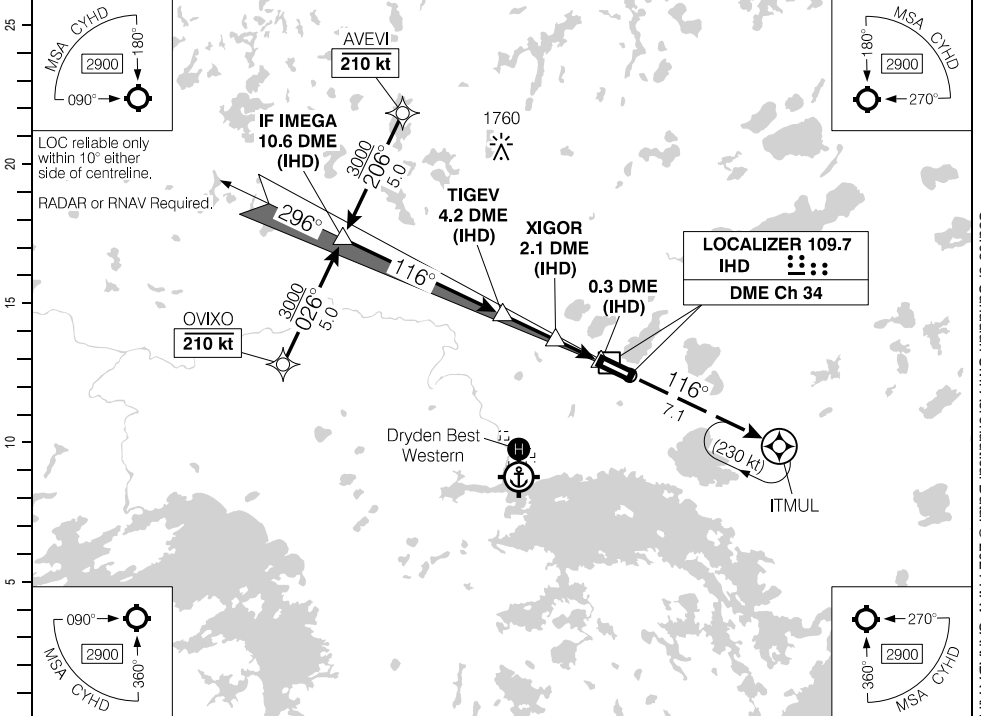
CDT9

ILS RWY 12

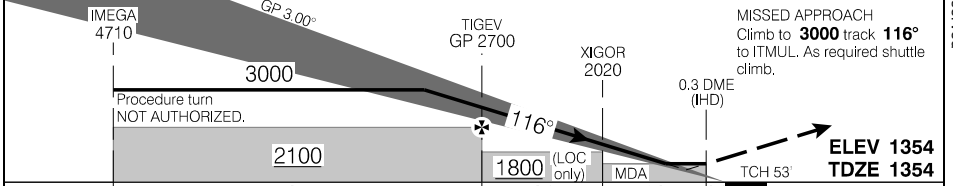
494953N 0924437W VAR 1°W

AWOS - 128.7	CTR Winnipeg - 132.2	RADIO Sioux Lookout - 122.1	MF	ARCAL 122.1 (K)
--------------	----------------------	-----------------------------	----	-----------------

SAFE ALT 100 NM 3100	LOC IHD 109.7	APCH CRS 116°	GP TIGEV 2700	LDA 5993
--------------------------------	-------------------------	-------------------------	-------------------------	--------------------



(NM)	10.6	10	9	8	7	6	5.2	4	3	2	1.0	DIST FROM DME (IHD)
	4710	4530	4210	3890	3580	3260	3000	2620	2300	1980	1660	ALT (3.00° APCH PATH)



RASS: When using CYXL add 100'.	CATEGORY	A	B	C	D
	ILS/DME	1604	(250)	1 RVR 50	
	LOC/DME	1660	(306)	1 RVR 50	
	<input checked="" type="checkbox"/> CIRCLING	1840 (486) 1½	1860 (506) 1½	1880 (526) 2	1960 (606) 2

ILS RWY 12

CYHD

EFF 12 AUG 21

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

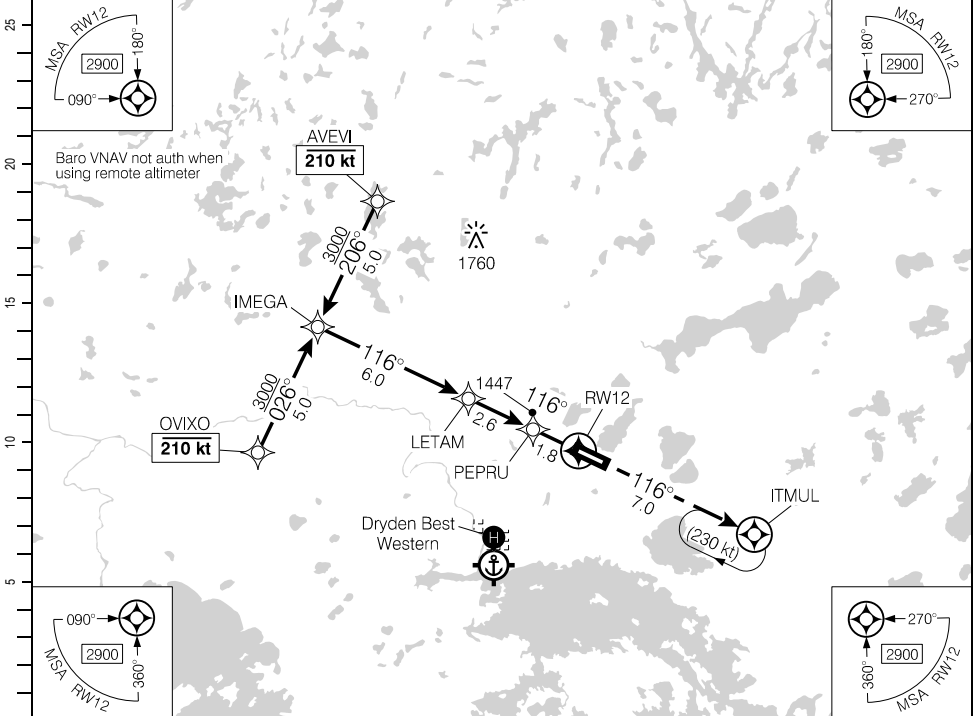
RNAV (GNSS) RWY 12

494953N 0924437W VAR 1°W

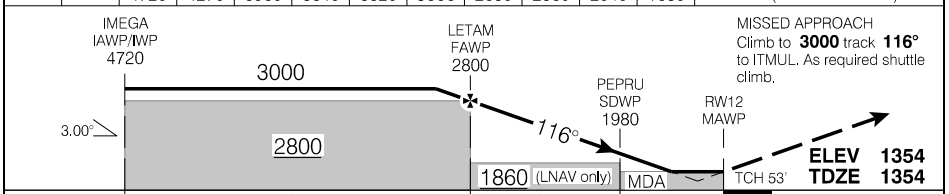
CYHD

AWOS - 128.7	CTR Winnipeg - 132.2	RADIO Sioux Lookout - 122.1		ARCAL 122.1 (K)
			MF	P1 42

SAFE ALT 100 NM 3100	WAAS Ch 80012 W12A	APCH CRS 116°	MIN ALT LETAM 2800	LDA 5993
--------------------------------	---------------------------------	----------------------------	---------------------------------	--------------------



		10.4	9	8	7	6	5.0	4	3	2	0.9	DIST FROM RW12
		4720	4270	3960	3640	3320	3000	2680	2360	2040	1680	ALT (3.00° APCH PATH)



RASS: When using CYXL add 100'			CATEGORY	A	B	C	D
			LPV	1604	(250)	1 RVR 50	
			LNAV/VNAV (min. -20°C, max. 54°C)	1604	(250)	1 RVR 50	
			LNAV	1680	(326)	1 RVR 50	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 12

CYHD

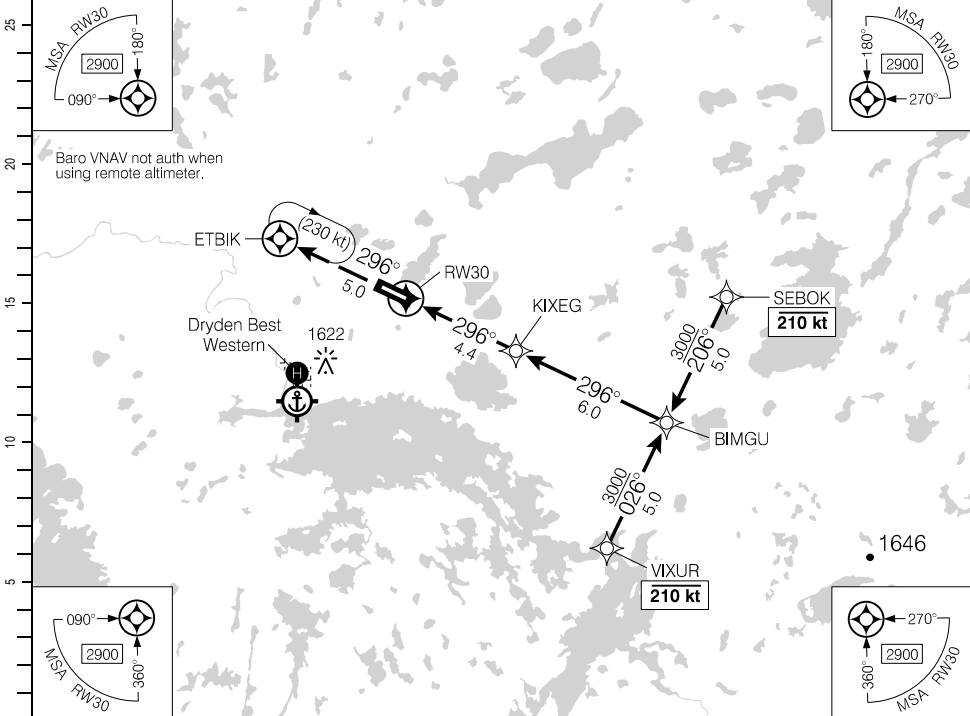
EFF 12 AUG 21

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

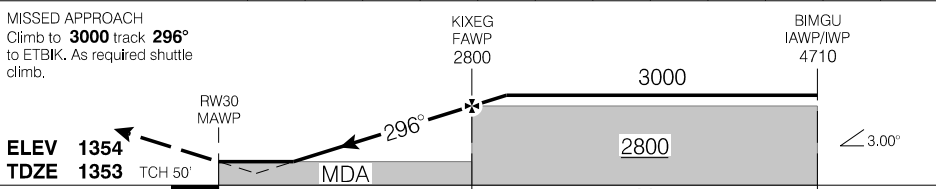
RNAV (GNSS) RWY 30

494953N 0924437W VAR 1°W

AWOS – 128.7		CTR Winnipeg – 132.2		RADIO Sioux Lookout – 122.1		ARCAL 122.1 (K)	
SAFE ALT 100 NM 3100		WAAS Ch 80186 W30A		APCH CRS 296°		MIN ALT KIXEG 2800	
				MF		LDA 5796	



(NM)	DIST FROM RW30	1.3	2	3	4	5.0	6	7	8	9	10.4	
	ALT (3.00° APCH PATH)	1820	2040	2360	2680	3000	3310	3630	3950	4270	4710	



RASS: When using CYXL add 100'.			CATEGORY	A	B	C	D
			LPV	1758	(406)		1½
			LNAV/VNAV (min. -21°C, max. 54°C)	1831	(479)		1¼
			LNAV	1820	(468)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 30

CYHD

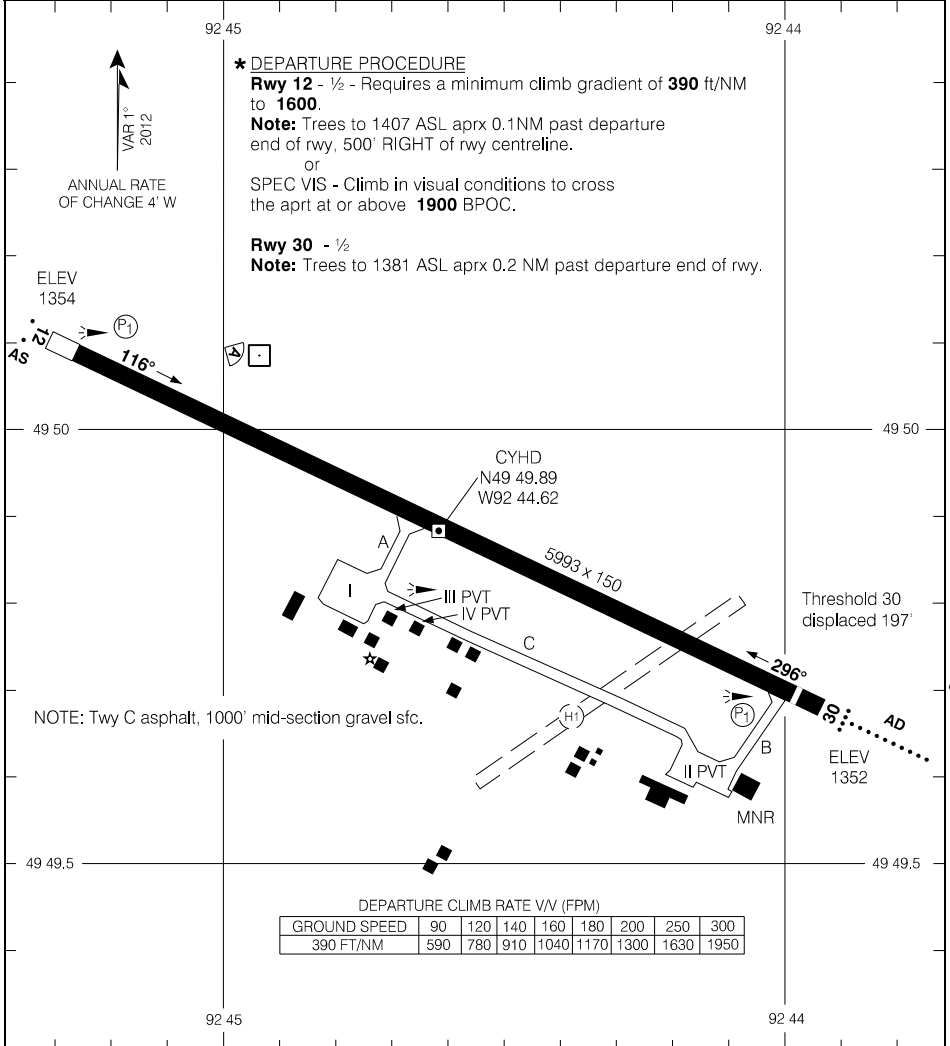
EFF 12 AUG 21

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 128.7		RADIO Sioux Lookout - 122.1		CTR Winnipeg - 132.2	
				MF	

DECL DIST	12	30					
TORA	5993	5993					
TODA	6193	6977					
ASDA	5993	5993					
LDA	5993	5796					

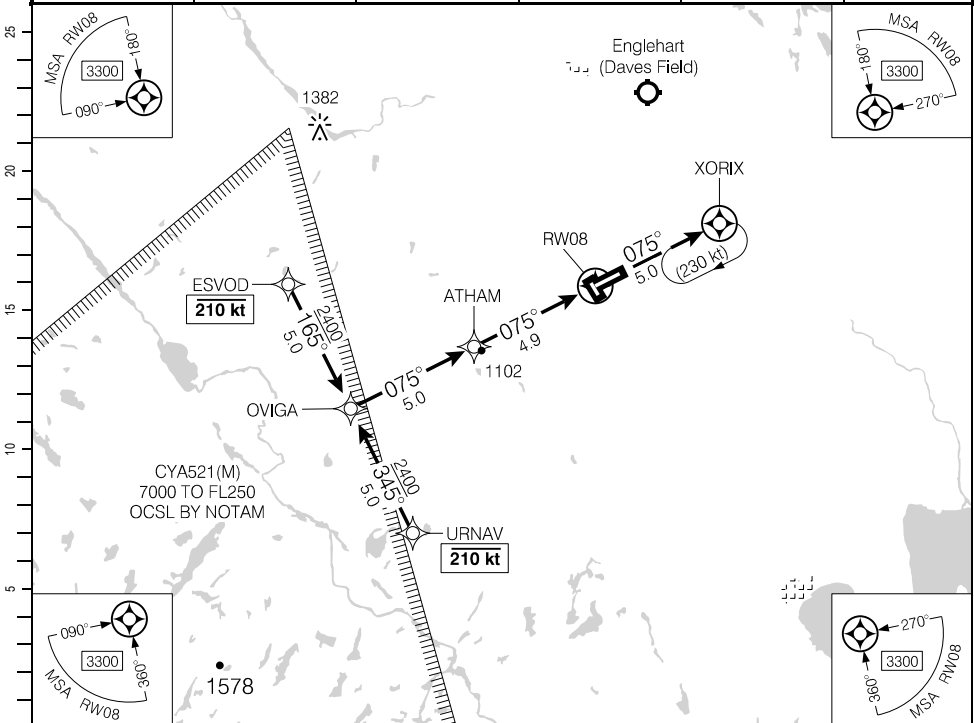


Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 12: 30: *	1000 0 1000 2000

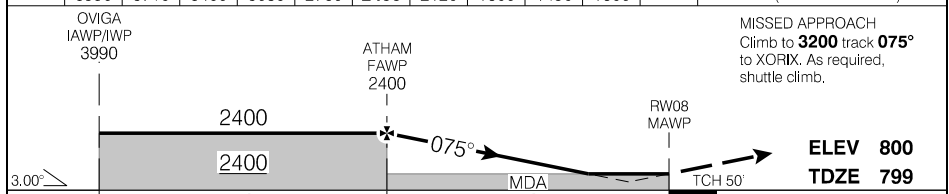
RNAV (GNSS) RWY 08

AWOS – 128.6		RADIO London – 123.37		TFC – 122.0		MF		ARCAL 122.0(K)*	
SAFE ALT 100 NM 3400		WAAS Ch 80891 W08A		APCH CRS 075°		MIN ALT ATHAM 2400		LDA 5998	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9.9	9	8	7	6	4.9	4	3	2	1.4	DIST FROM RW08	
	3990	3710	3400	3080	2760	2400	2120	1800	1490	1300	ALT (3.00° APCH PATH)	



RASS: When using CYUY add 140'			OVIGA IAWP/IWP 3990	ATHAM FAWP 2400	RW08 MAWP	MISSED APPROACH Climb to 3200 track 075° to XORIX. As required, shuttle climb.		
			2400	2400	MDA	TCH 50'	ELEV 800 TDZE 799	
			5.0	4.9				
			CATEGORY		A	B	C	D
			LPV		1049	(250)	1	
			LNAV		1300	(501)	1½	
Knots			ft/min		Min:Sec			
70			370					
90			480					
110			580					
130			690					
150			800					

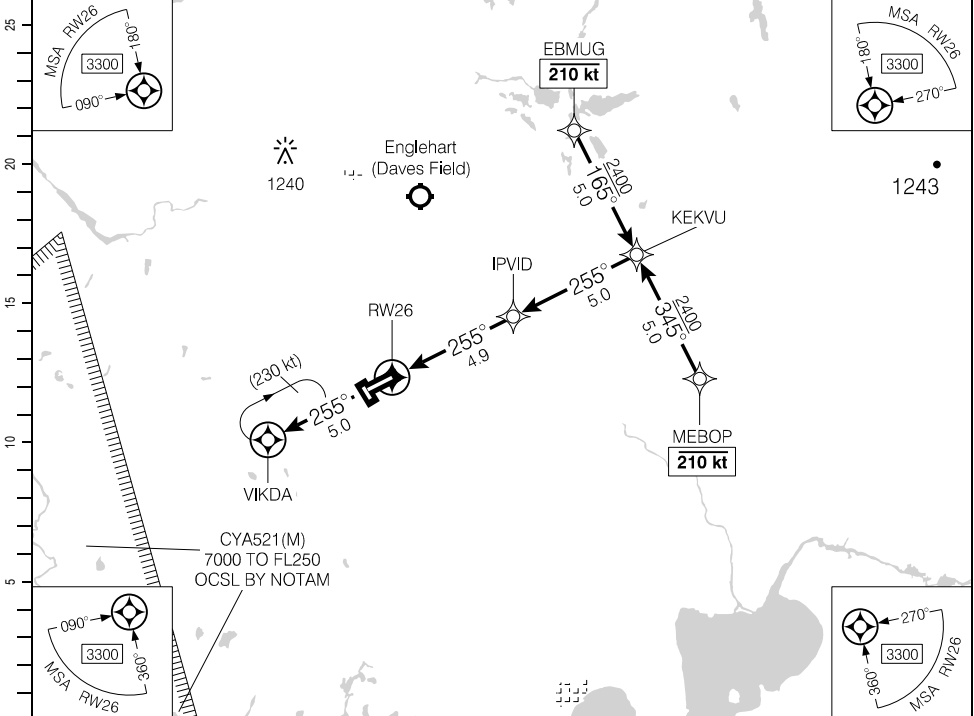
RNAV (GNSS) RWY 08

CYXR

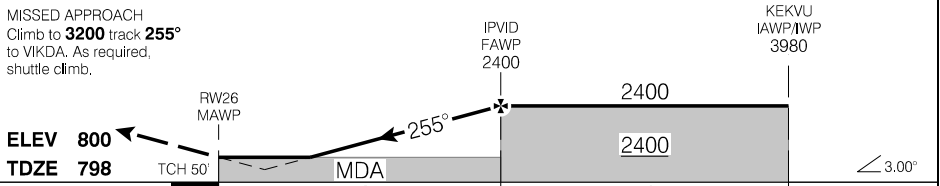
EFF 17 JUN 21

RNAV (GNSS) RWY 26

AWOS – 128.6		RADIO London – 123.37		TFC – 122.0		ARCAL 122.0(K)*	
SAFE ALT 100 NM 3400		WAAS Ch 80892 W26A		APCH CRS 255°		MIN ALT IPVID 2400	
				LDA 5998		AD-AS	



(NM)	DIST FROM RW26	1.6	3	4	4.9	6	7	8	9	9.9		
	ALT (3.00° APCH PATH)	1360	1800	2120	2400	2760	3080	3400	3710	3980		



RASS: When using CYUY add 140'			CATEGORY	A	B	C	D
			LPV	1048	(250)		1
			LNAV	1360	(562)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

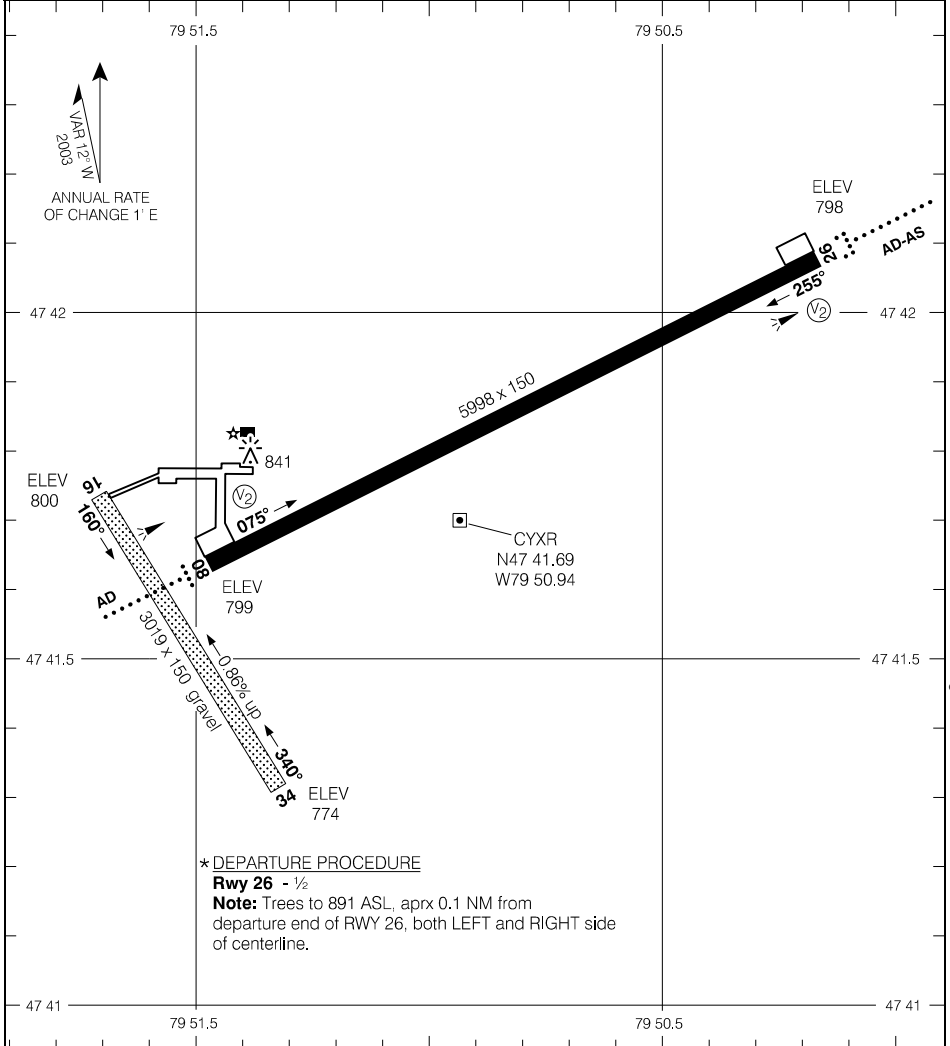
RNAV (GNSS) RWY 26

CYXR

EFF 17 JUN 21

AERODROME CHART

AWOS - 128.6						TFC - 122.0		RADIO London - 123.37	
DECL	DISTS	08	26	16	34				
TORA		5998	5998	3019	3019				
TODA		6598	6898	3119	3119				
ASDA		5998	5998	3019	3019				
LDA		5998	5998	3019	3019				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

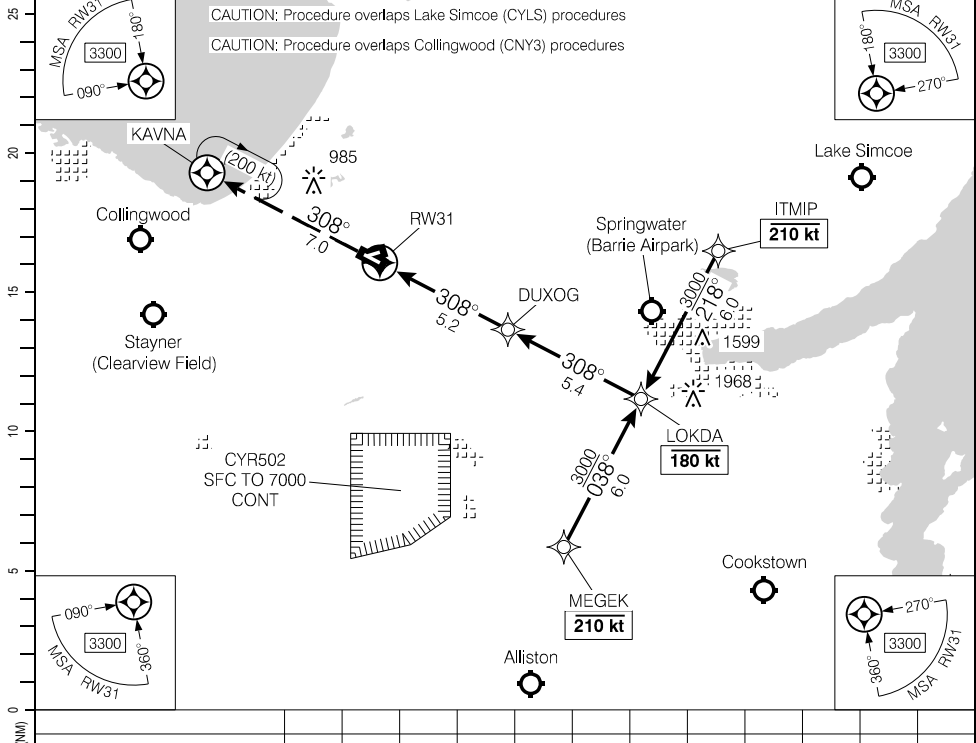
CYXR

EFF 12 AUG 21

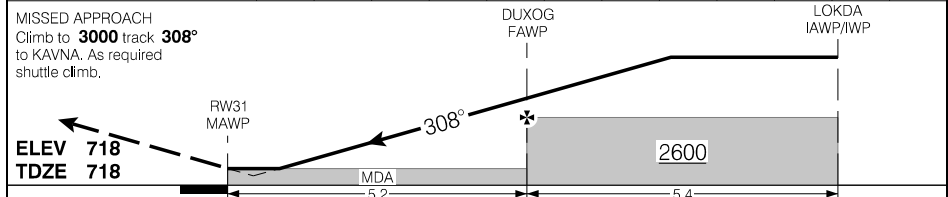
RNAV (GNSS) RWY 31

442620N 0795755W VAR 10°W

CTR Toronto – 124.02		UNICOM – 122.77		ARCAL122.775(K)	
AUTO – 123.17		ATF			
SAFE ALT 100 NM 3300	RNAV	APCH CRS 308°	MIN ALT DUXOG 2600	LDA 3936	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



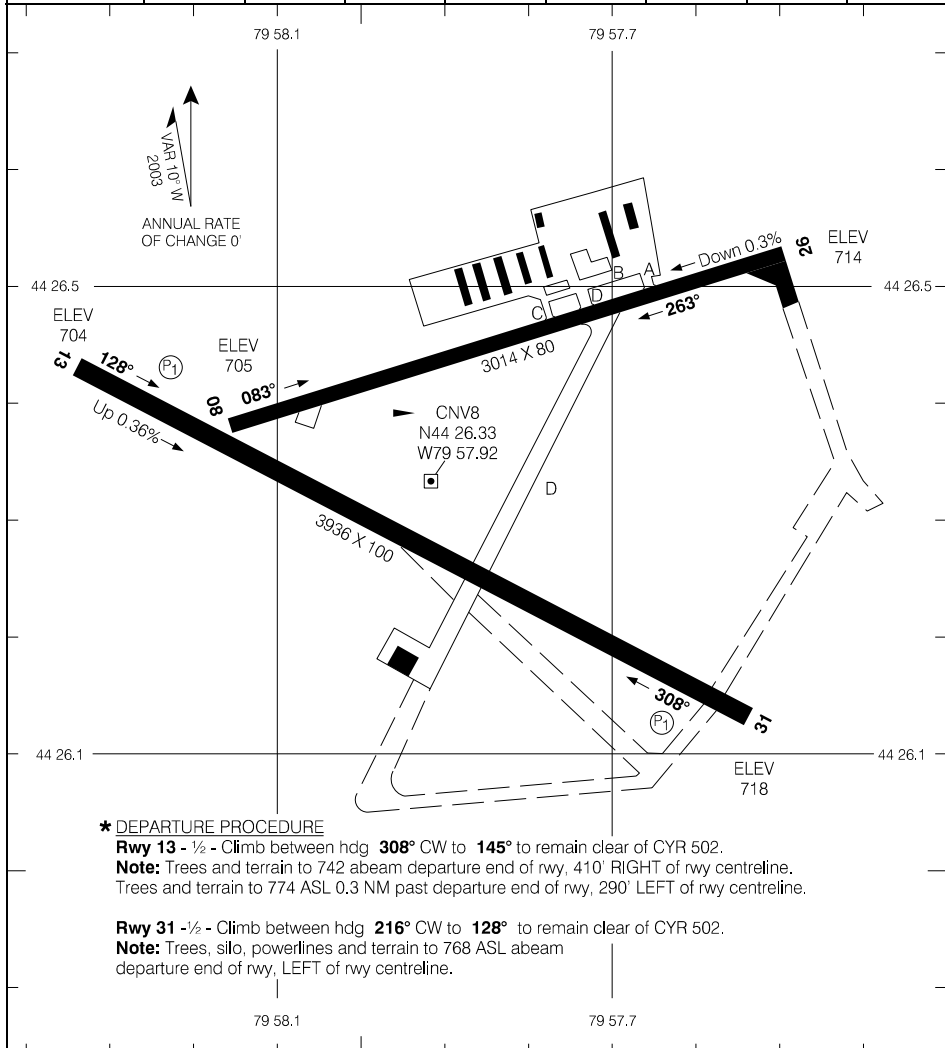
	CATEGORY	A	B	C	D
	RNAV	1040	(322)	1	NOT AUTHORIZED
Knots	ft/min	Min:Sec			
70					
90					
110					
130					
150					

RNAV (GNSS) RWY 31

EFF 10 AUG 23

AERODROME CHART

AUTO - 123.17					UNICOM - 122.77		CTR Toronto - 124.02	
					ATF			
DECL DIST	08	26	13	31				
TORA	3014	3014	3936	3936				
TODA	3014	3014	3936	3936				
ASDA	3014	3014	3936	3936				
LDA	3014	3014	3936	3936				



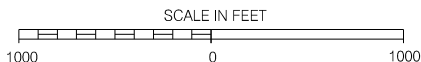
* DEPARTURE PROCEDURE

Rwy 13 - 1/2 - Climb between hdg **308°** CW to **145°** to remain clear of CYR 502.
Note: Trees and terrain to 742 abeam departure end of rwy, 410' RIGHT of rwy centreline.
 Trees and terrain to 774 ASL 0.3 NM past departure end of rwy, 290' LEFT of rwy centreline.

Rwy 31 - 1/2 - Climb between hdg **216°** CW to **128°** to remain clear of CYR 502.
Note: Trees, silo, powerlines and terrain to 768 ASL abeam departure end of rwy, LEFT of rwy centreline.

TAKE-OFF MINIMA

Rwys 13; 31: *
 Rwys 08; 26: NOT ASSESSED



AERODROME CHART

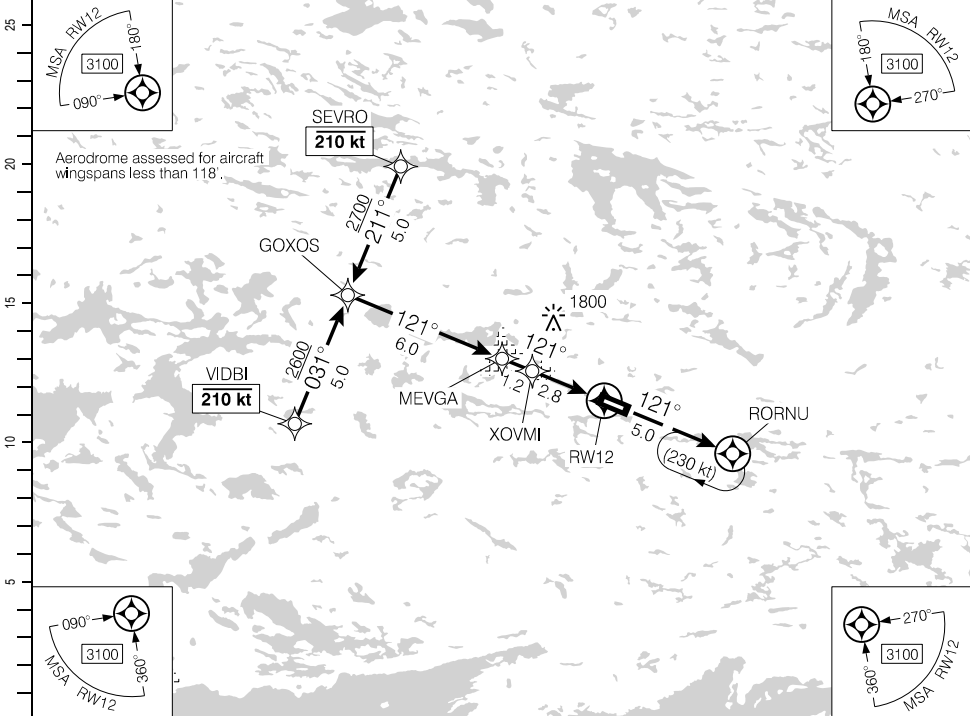
EFF 15 JUN 23

CNV8

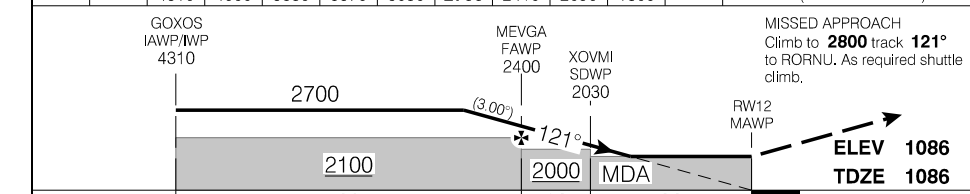
RNAV (GNSS) RWY 12

462106N 0823340W VAR 9°W

CTR Toronto - 135.4		UNICOM - 123.0		ARCAL 123.0(K)*	
SAFE ALT 100 NM 3500		RNAV	APCH CRS 121°	MIN ALT MEVGA 2100	LDA 4495
				ATF	
				P2	



(NM)	10	9	8	7	6	5.0	4	3	2.1	DIST FROM RW12	
	4310	4000	3680	3370	3050	2700	2410	2090	1800		
											ALT (3.00° APCH PATH)



RASS: Use CYZE. When using CYSB add 50°.		CATEGORY	A	B	C	D
		RNAV	1800		(714)	2¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 12

CYEL

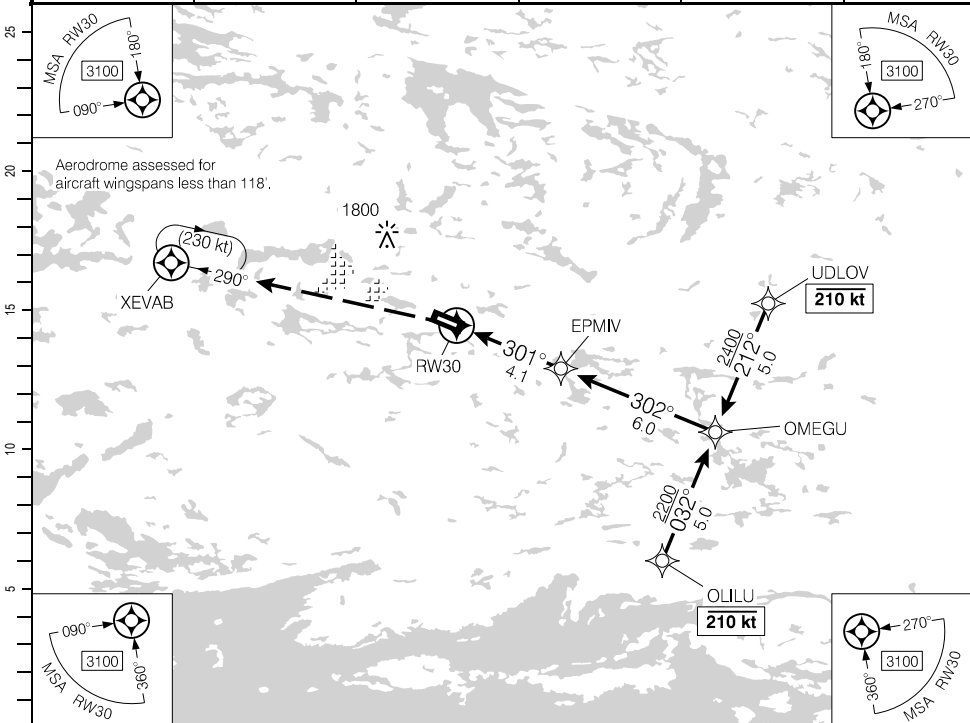
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 30

462106N 0823340W VAR 9°W

CTR Toronto – 135.4		UNICOM – 123.0		ARCAL 123.0(K)*	
SAFE ALT 100 NM 3500		RNAV	APCH CRS 301°	MIN ALT EPMIV 1800	LDA 4495
ATF					
(P2)					

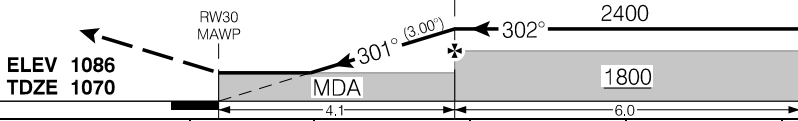


(NM)	DIST FROM RW30	1.6	3	4.1	5	6	7	8	9	10.1
	ALT (3.00° APCH PATH)	1600	2060	2400	2700	3020	3340	3650	3970	4310

MISSED APPROACH
Climb to **3100** direct to XEVAB.

EPMIV
FAWP
2400

OMEGU
IAWP/IWP
4310



RASS: Use CYZE. When using CY5B add 50'.	CATEGORY	A	B	C	D
	LNAV	1600		(544)	1¼
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 30

CYEL

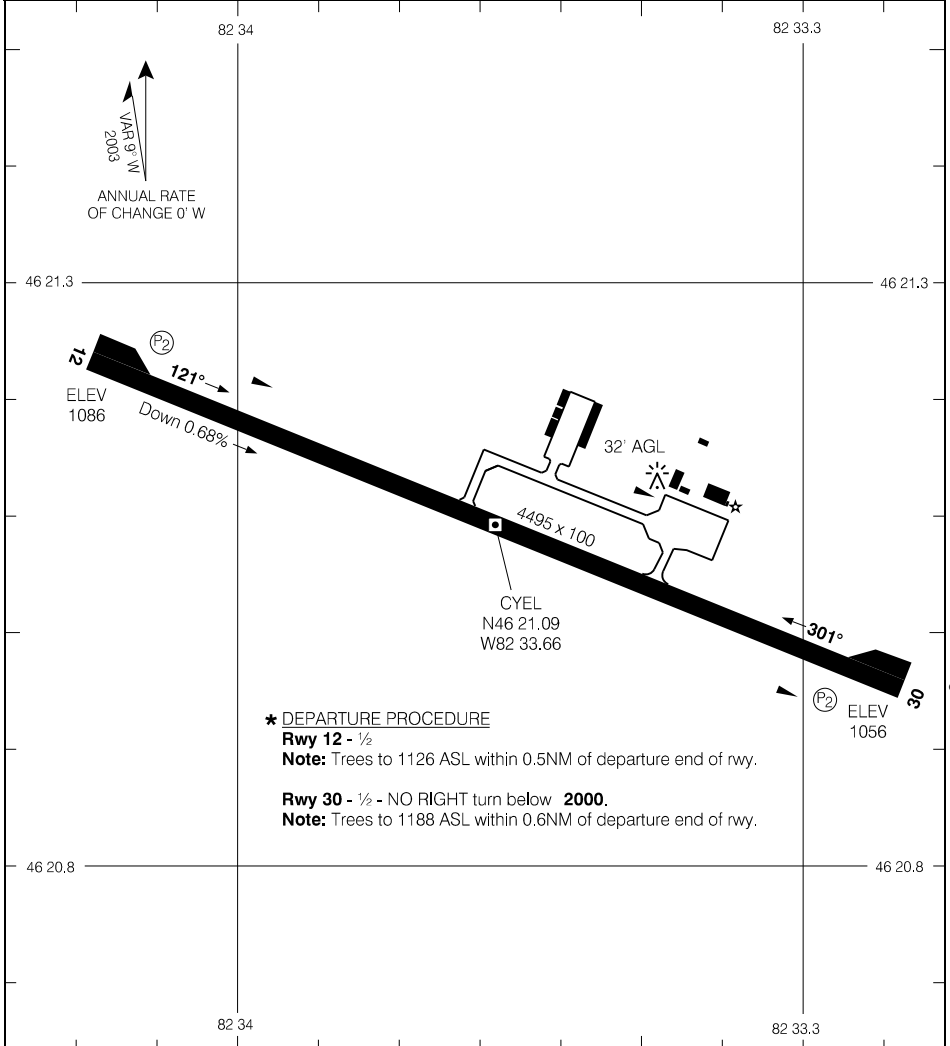
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

		UNICOM - 123.0		CTR Toronto - 135.4	
				ATF	

DECL DIST	12	30				
TORA	4495	4495				
TODA	4495	4495				
ASDA	4495	4495				
LDA	4495	4495				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

- * DEPARTURE PROCEDURE
- Rwy 12 - 1/2
Note: Trees to 1126 ASL within 0.5NM of departure end of rwy.
- Rwy 30 - 1/2 - NO RIGHT turn below 2000.
Note: Trees to 1188 ASL within 0.6NM of departure end of rwy.

TAKE-OFF MINIMA	SCALE IN FEET
Rwy 12, 30: *	1000 0 1000

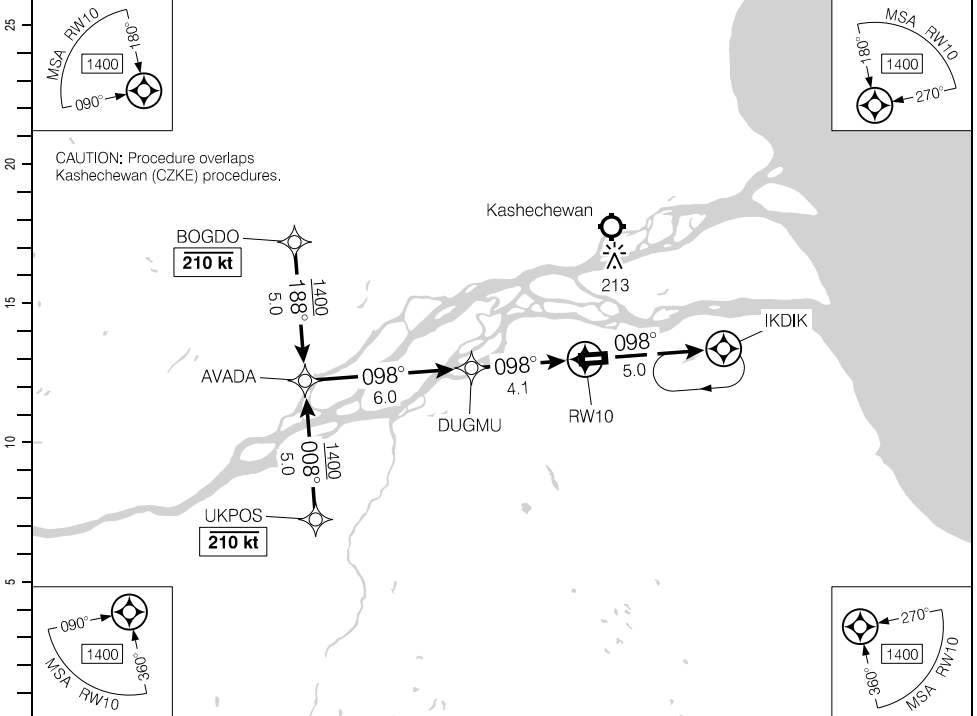
AERODROME CHART
EFF 25 JAN 24

CYEL

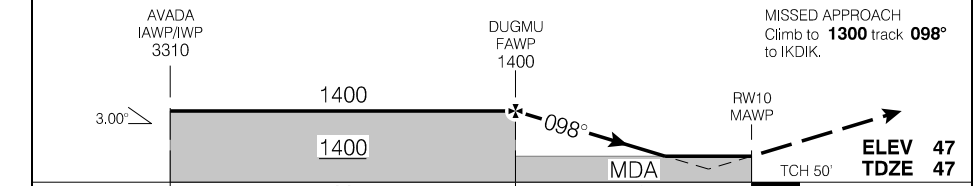
RNAV (GNSS) RWY 10

521213N 0814145W VAR 12°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 1800		WAAS Ch 80527 W10A		APCH CRS 098°		MIN ALT DUGMU 1400	
				LDA 3601		AP 2'	



(NM)		10.1	9	8	7	6	5	4.1	3	1.5		DIST FROM RWY10
		3310	2960	2640	2330	2010	1690	1400	1050	580		ALT (3.00° APCH PATH)



RASS: Use CYAT. When using CYMO add 40'.			CATEGORY	A	B	C	D
			LPV	547	(501)		1¼
			LNAV	580	(534)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 10

CYFA

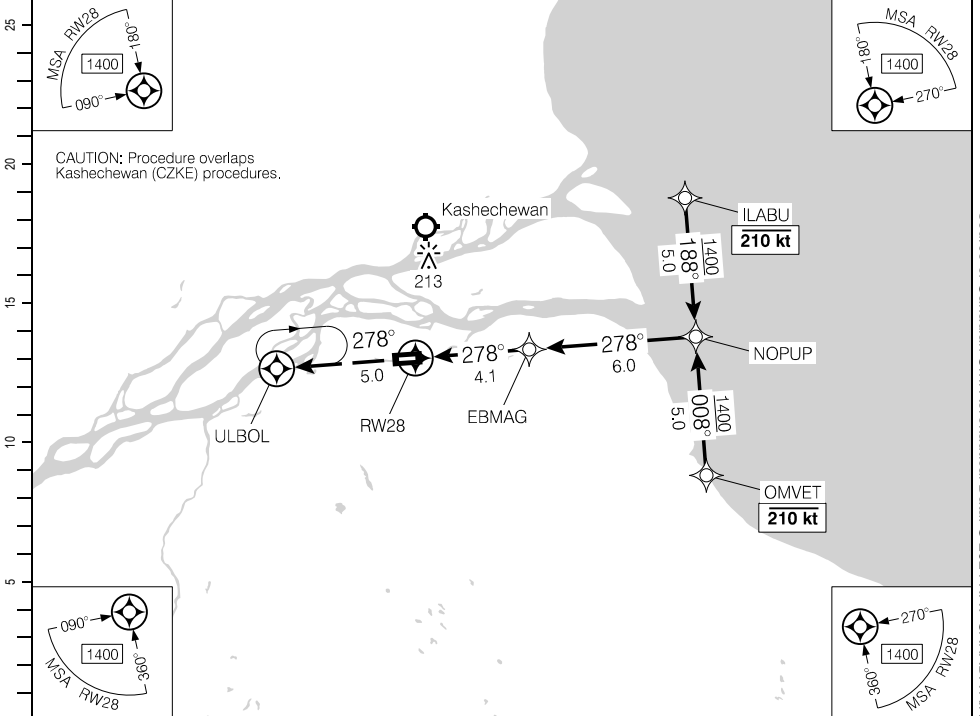
EFF 16 JUL 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 28

521213N 0814145W VAR 12°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 1800		WAAS Ch 80528 W28A		APCH CRS 278°		MIN ALT EBMAG 1400	
				LDA 3601		AP 2	

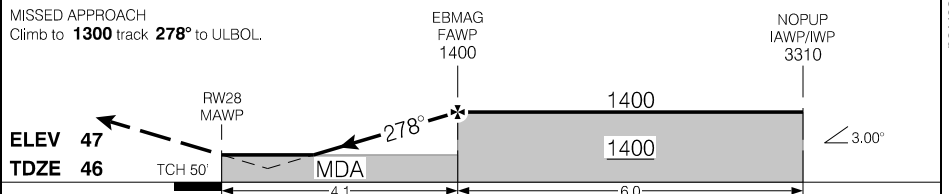


CAUTION: Procedure overlaps Kashechewan (CZKE) procedures.

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM RW28	1.6	3	4.1	5	6	7	8	9	10.1	
	ALT (3.00° APCH PATH)	600	1050	1400	1690	2010	2320	2640	2960	3310	

MISSED APPROACH
Climb to **1300** track **278°** to ULBOL.



RASS: Use CYAT. When using CYMO add 40°.			CATEGORY	A	B	C	D
			LPV	546	(501)		1¼
			LNAV	600	(555)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

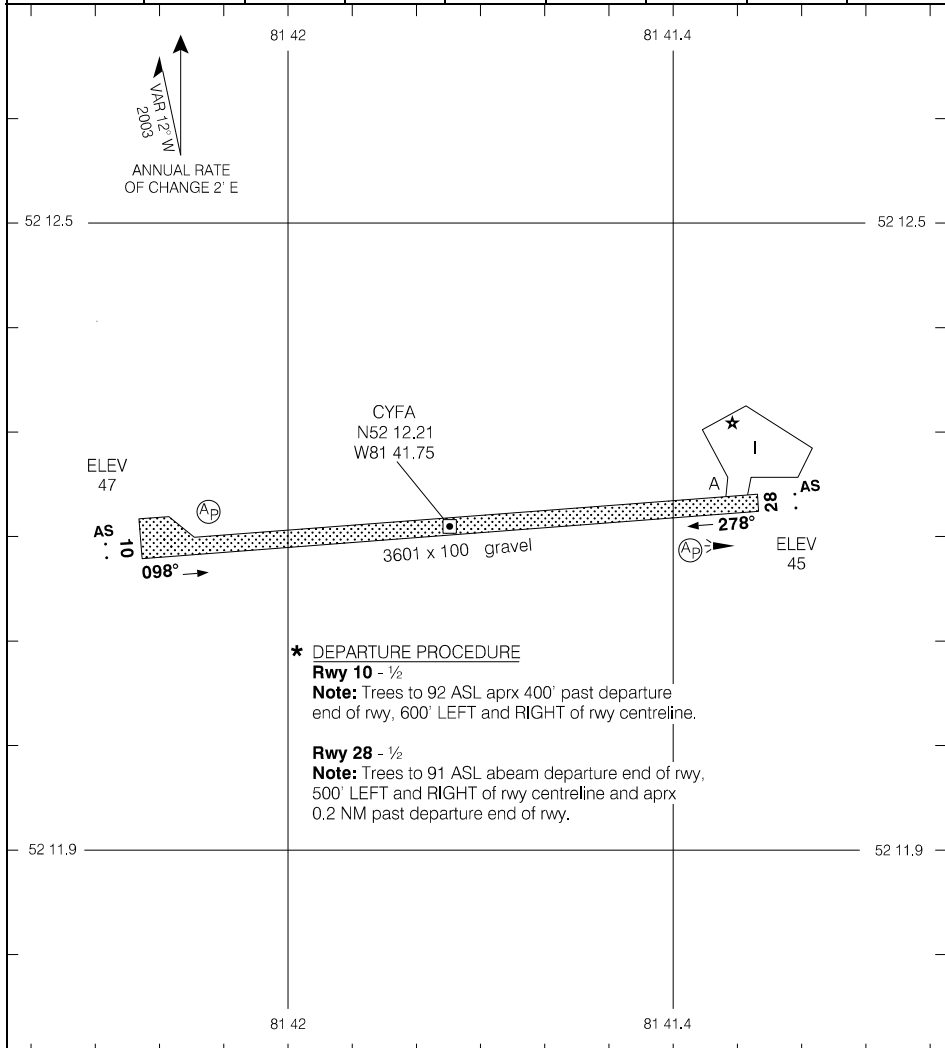
RNAV (GNSS) RWY 28

CYFA

EFF 16 JUL 20

AERODROME CHART

				TFC - 122.8		ATF	
DECL DIST	10	28					
TORA	3601	3601					
TODA	3601	3601					
ASDA	3601	3601					
LDA	3601	3601					



*** DEPARTURE PROCEDURE**

Rwy 10 - 1/2

Note: Trees to 92 ASL aprx 400' past departure end of rwy, 600' LEFT and RIGHT of rwy centreline.

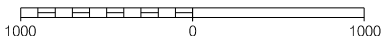
Rwy 28 - 1/2

Note: Trees to 91 ASL abeam departure end of rwy, 500' LEFT and RIGHT of rwy centreline and aprx 0.2 NM past departure end of rwy.

TAKE-OFF MINIMA

Rwys 10; 28: *

SCALE IN FEET



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

EFF 5 OCT 23

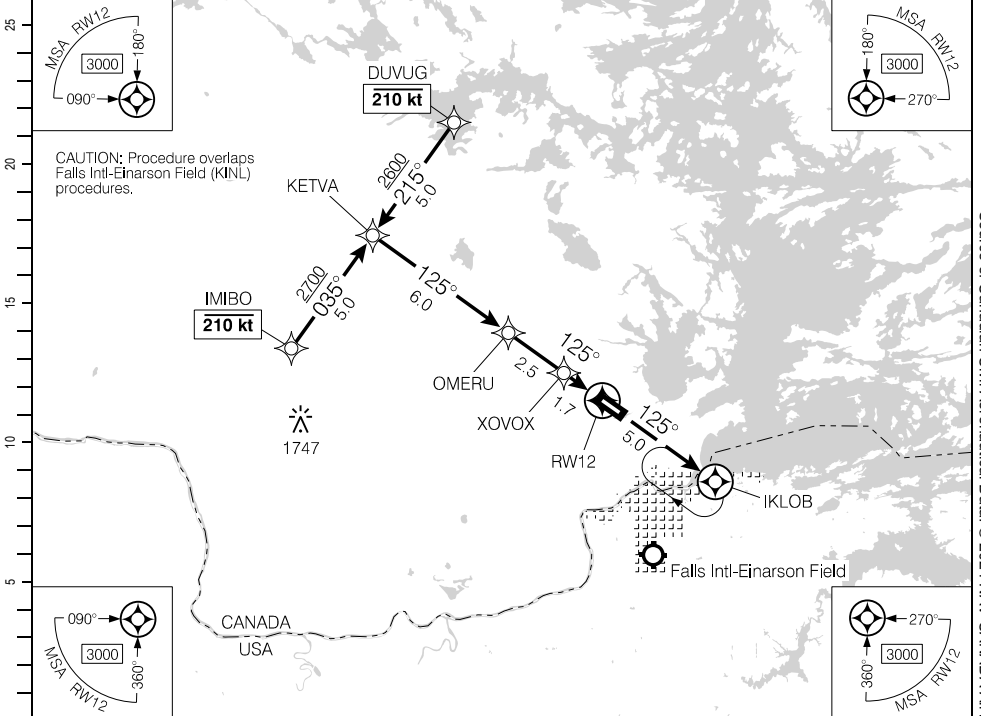
CYFA

RNAV (GNSS) RWY 12

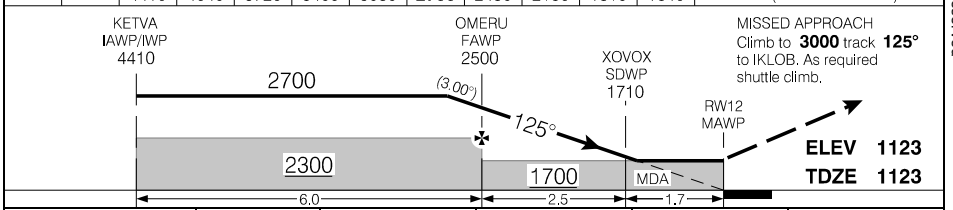
483916N 0932626W VAR 1°E

AUTO Falls Intl – 120.0	CTR Minneapolis – 120.9	UNICOM – 122.8	ATF	ARCAL 122.7(K)
-------------------------	-------------------------	----------------	-----	----------------

SAFE ALT 100 NM 3600	RNAV	APCH CRS 125°	MIN ALT OMERU 2300	LDA 4493
--------------------------------	------	-------------------------	------------------------------	--------------------



(NM)	10.2	9	8	7	6	4.8	4	3	2	1.5	DIST FROM RWY12
	4410	4040	3720	3400	3080	2700	2450	2130	1810	1640	ALT (3.00° APCH PATH)



RASS: Use KINL.	CATEGORY	A	B	C	D
	LNAV	1640		(517)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 12

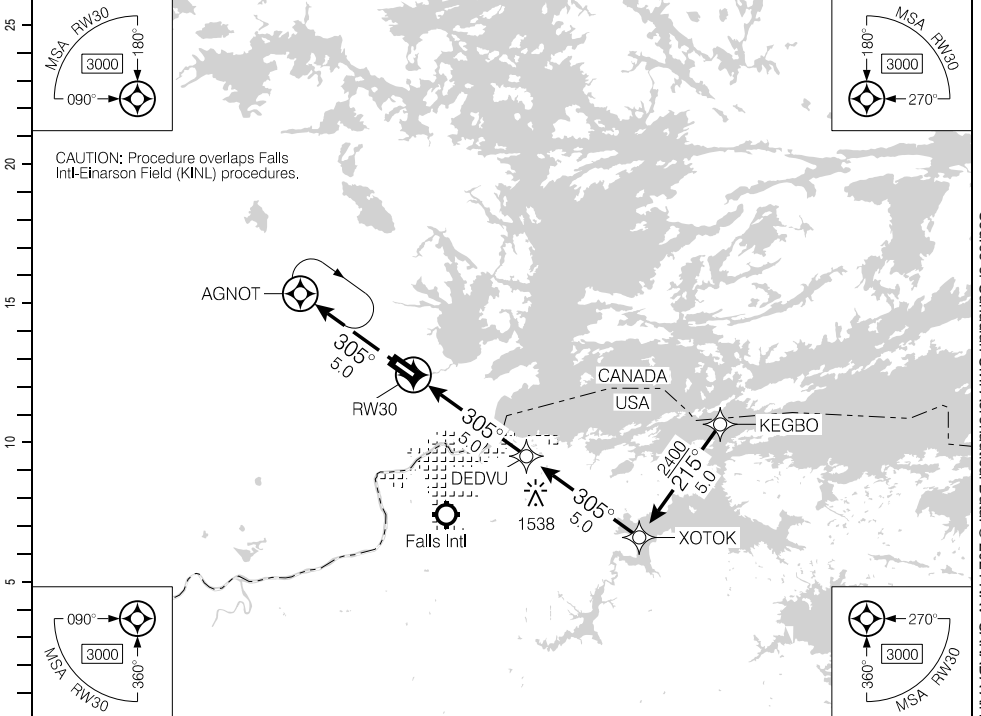
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

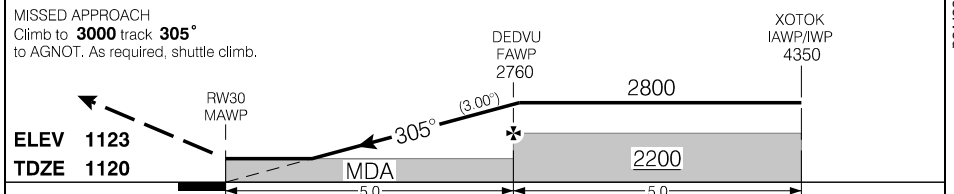
RNAV (GNSS) RWY 30

483916N 0932626W VAR 0°

AUTO Falls Intl – 120.0	CTR Minneapolis – 120.9		UNICOM – 122.8		ARCAL 122.7(K)
SAFE ALT 100 NM 3600	RNAV	APCH CRS 305°	MIN ALT DEDVU 2200	LDA 4493	ATF P1 2 . .



(NM)	DIST FROM RW30		1.5	3	4	5.1	6	7	8	9	10		
	ALT (3.00° APCH PATH)		1660	2120	2440	2800	3080	3400	3720	4030	4350		



RASS: Use KINL.		CATEGORY	A	B	C	D
LNAV			1660	(540)		1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

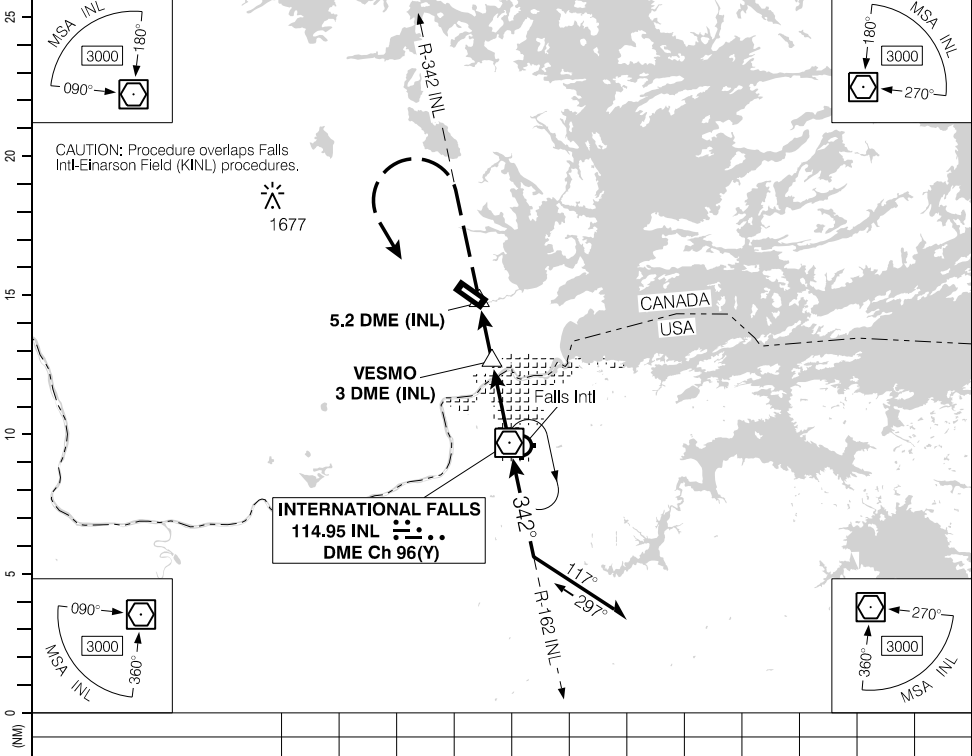
RNAV (GNSS) RWY 30

CYAG

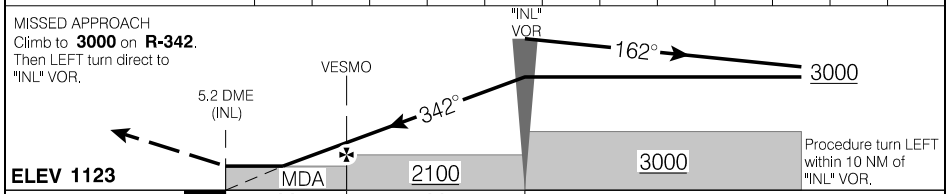
EFF 25 JAN 24

VOR/DME A

AUTO Falls Intl – 120.0	CTR Minneapolis – 120.9	UNICOM – 122.8		ARCAL 122.7(K)
SAFE ALT 100 NM 3600	VOR INL 114.95	APCH CRS 342°	MIN ALT VESMO 2100	LDA REFER TO AD CHART



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



RASS: Use KINL.		CATEGORY	A	B	C	D
		CIRCLING	1780 (657)	2	1820 (697)	2 1/4
Knots	ft/min	Min:Sec				
70						
90						
110						
130						
150						

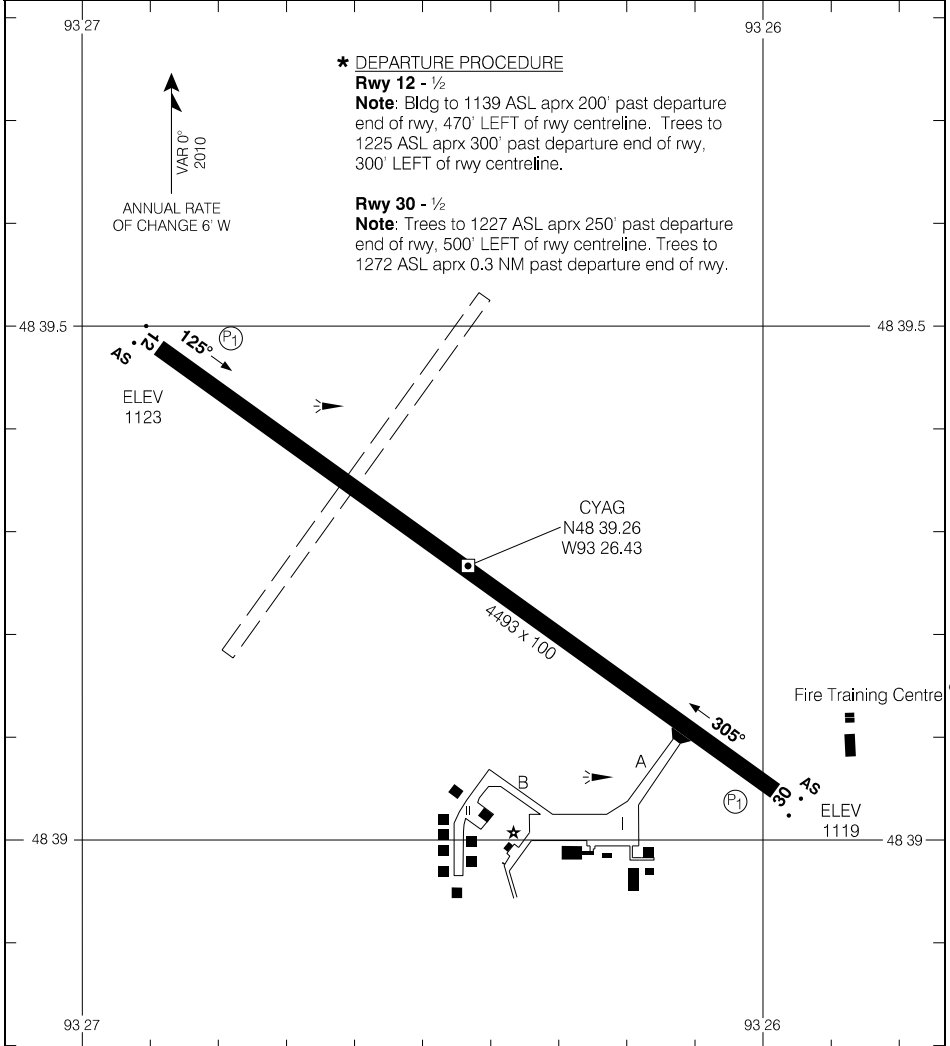
VOR/DME A

CYAG

EFF 25 JAN 24

AERODROME CHART

AUTO Falls Intl – 120.0				UNICOM – 122.8		CTR Minneapolis – 120.9 RADIO London – 123.55	
DECL DIST		12	30				ATF
TORA	4493	4493					
TODA	5477	5477					
ASDA	4493	4493					
LDA	4493	4493					



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 12: 30: *	1000 0 1000

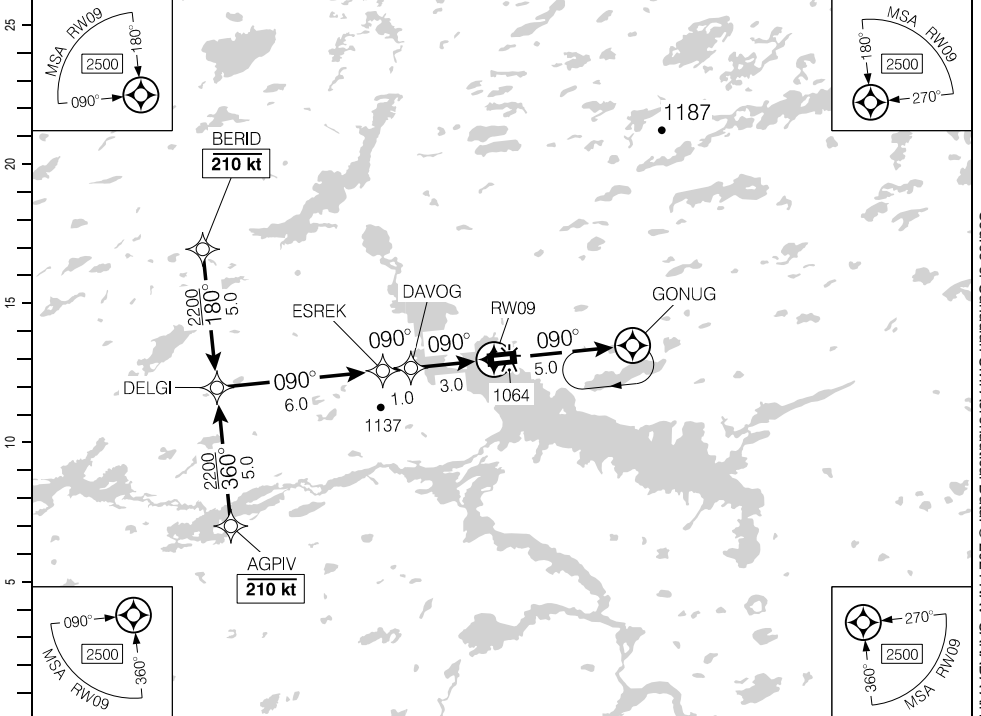
AERODROME CHART
EFF 25 JAN 24

CYAG

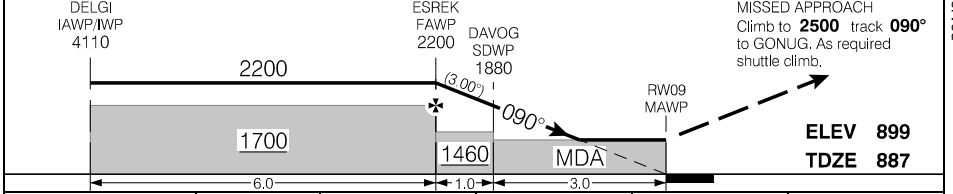
RNAV (GNSS) RWY 09

513343N 0875428W VAR 6°W

		TFC - 122.8		ATF		ARCAL 122.8(K)*	
SAFE ALT 100 NM 2700		RNAV		APCH CRS 090°		MIN ALT ESREK 1700	
				LDA 3497			



(NM)	10	9	8	7	6	5	4.0	3	1.5			DIST FROM RWY09
	4110	3790	3470	3150	2830	2510	2200	1880	1400			ALT (3.00° APCH PATH)



RASS: Use CYLH.			CATEGORY	A	B	C	D
			RNAV	1400 (529)		1¼	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 09

CYFH

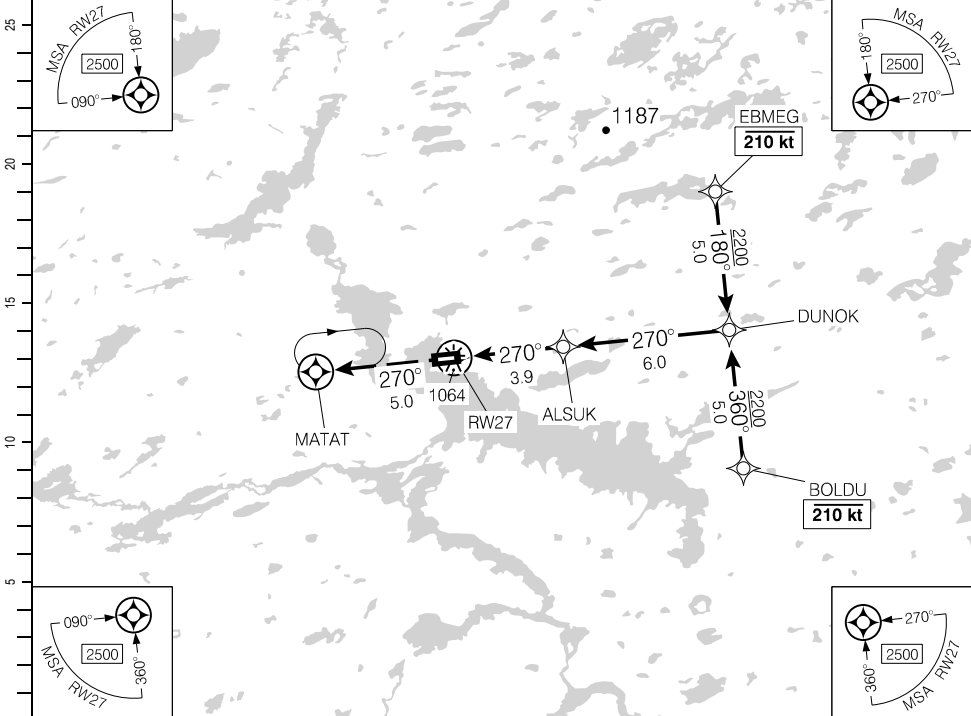
EFF 8 SEP 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

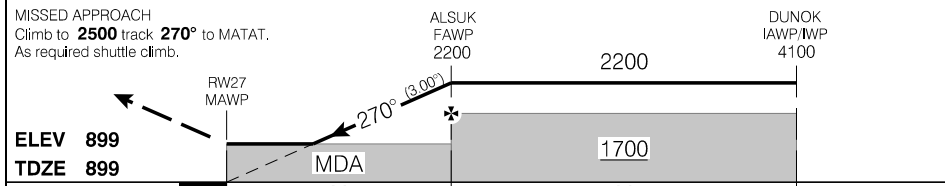
RNAV (GNSS) RWY 27

513343N 0875428W VAR 6°W

		TFC - 122.8		ATF		ARCAL 122.8(K)*	
SAFE ALT 100 NM 2700		RNAV		APCH CRS 270°		MIN ALT ALSUK 1700	
				LDA 3497		AS (AP)	



DIST FROM RW27		1.5	3	3.9	5	6	7	8	9	9.9		
ALT (3.00° APCH PATH)		1440	1900	2200	2540	2860	3180	3490	3810	4100		



RASS: Use CYLH.		CATEGORY	A	B	C	D
		LNAV	1440		(543)	1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 27

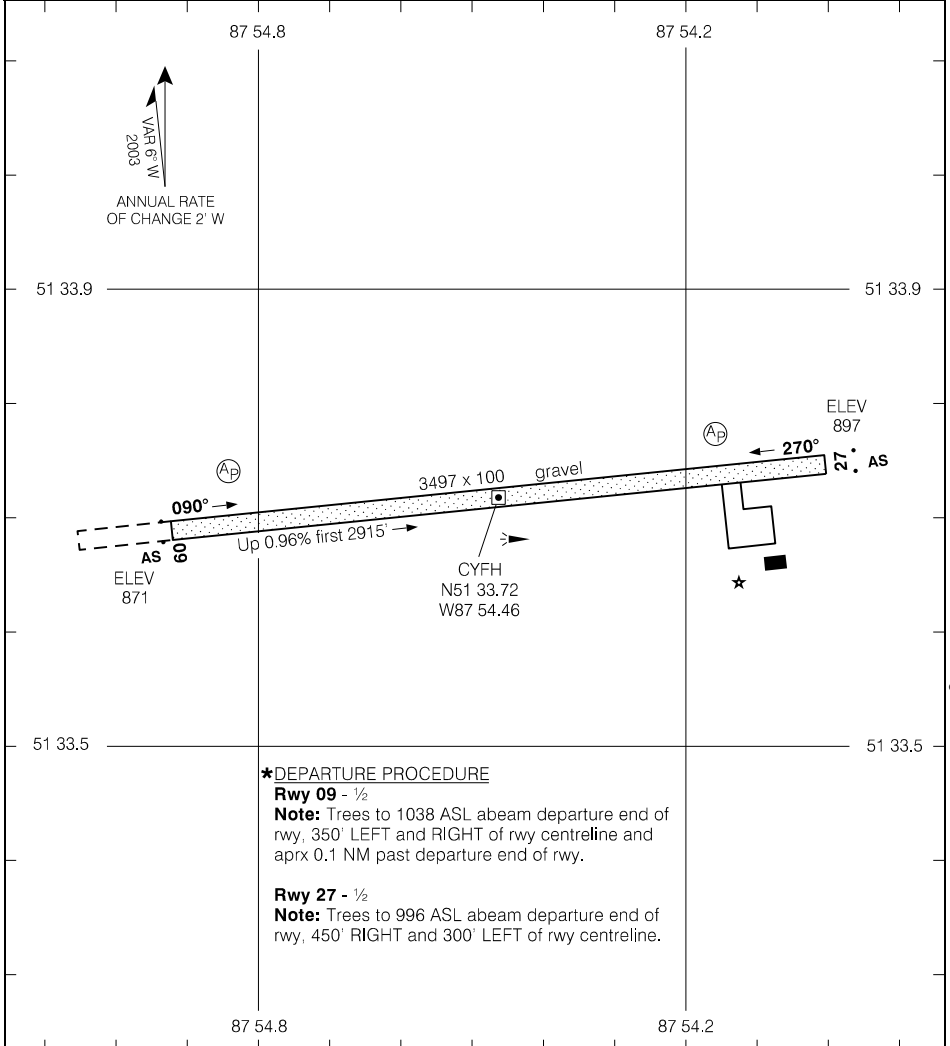
CYFH

EFF 8 SEP 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 122.8		ATF	
DECL DIST	09	27					
TORA	3497	3497					
TODA	3497	3497					
ASDA	3497	3497					
LDA	3497	3497					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

***DEPARTURE PROCEDURE**
Rwy 09 - ½
Note: Trees to 1038 ASL abeam departure end of rwy, 350' LEFT and RIGHT of rwy centreline and aprx 0.1 NM past departure end of rwy.
Rwy 27 - ½
Note: Trees to 996 ASL abeam departure end of rwy, 450' RIGHT and 300' LEFT of rwy centreline.

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 09, 27: *	1000 0 1000

RNAV (GNSS) RWY 15

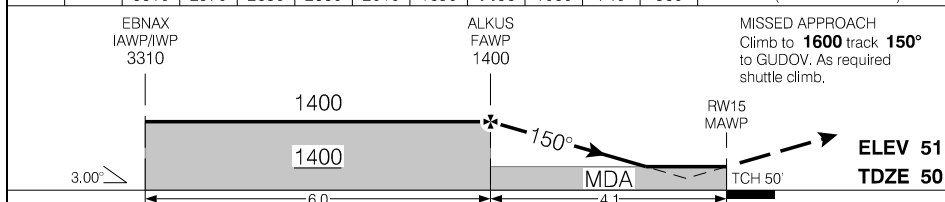
560108N 0874034W VAR 8°W

AWOS - 124.55		TFC - 122.8			ARCAL 122.8(K)	
SAFE ALT 100 NM 1900		WAAS Ch 81063 W15A	APCH CRS 150°	MIN ALT ALKUS 1400	LDA 3519	ATF AP 42



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

	10.1	9	8	7	6	5	4.1	3	2	1.4	DIST FROM RW15
	3310	2970	2650	2330	2010	1690	1400	1060	740	560	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	549	(500)		1¼
			LNAV	560	(511)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 15

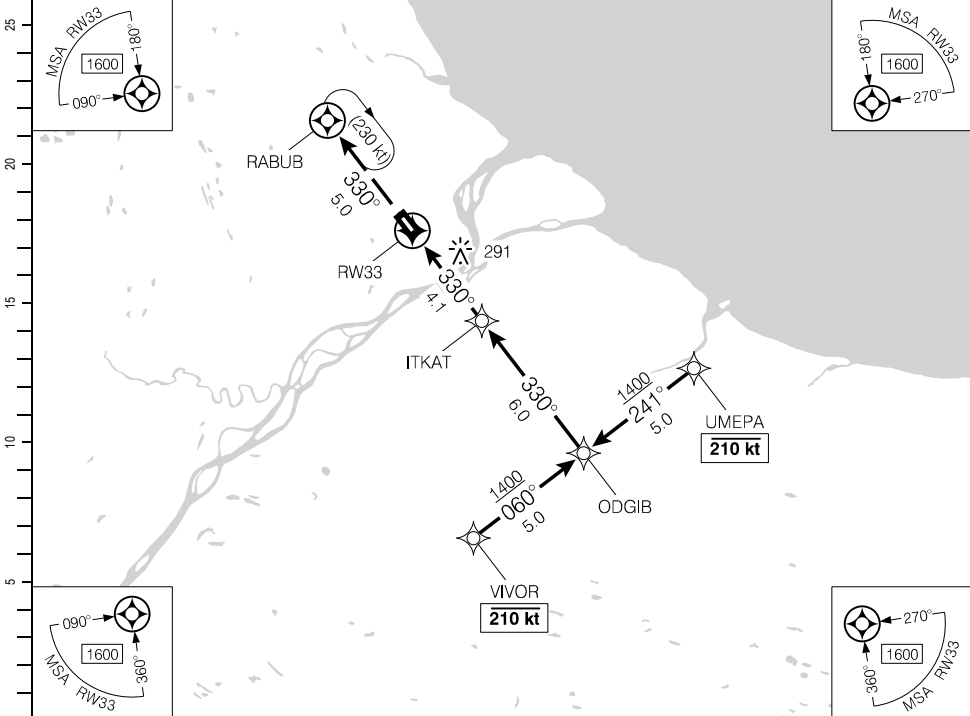
CYER

EFF 5 OCT 23

RNAV (GNSS) RWY 33

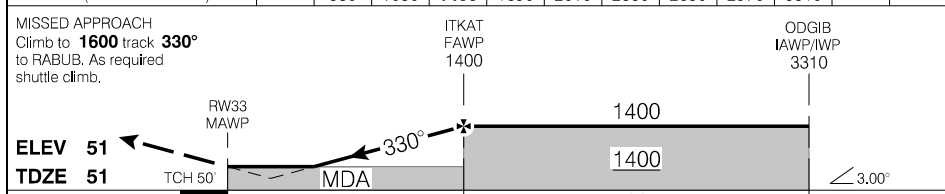
560108N 0874034W VAR 8°W

AWOS - 124.55		TFC - 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 1900		WAAS Ch 81064 W33A	APCH CRS 330°	MIN ALT ITKAT 1400	LDA 3519



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW33	1.5	3	4.1	5	6	7	8	9	10.1
ALT (3.00° APCH PATH)	580	1050	1400	1690	2010	2330	2650	2970	3310



			CATEGORY	A	B	C	D
			LPV	547	(500)	1%	
			LNAV	580	(533)	1%	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 33

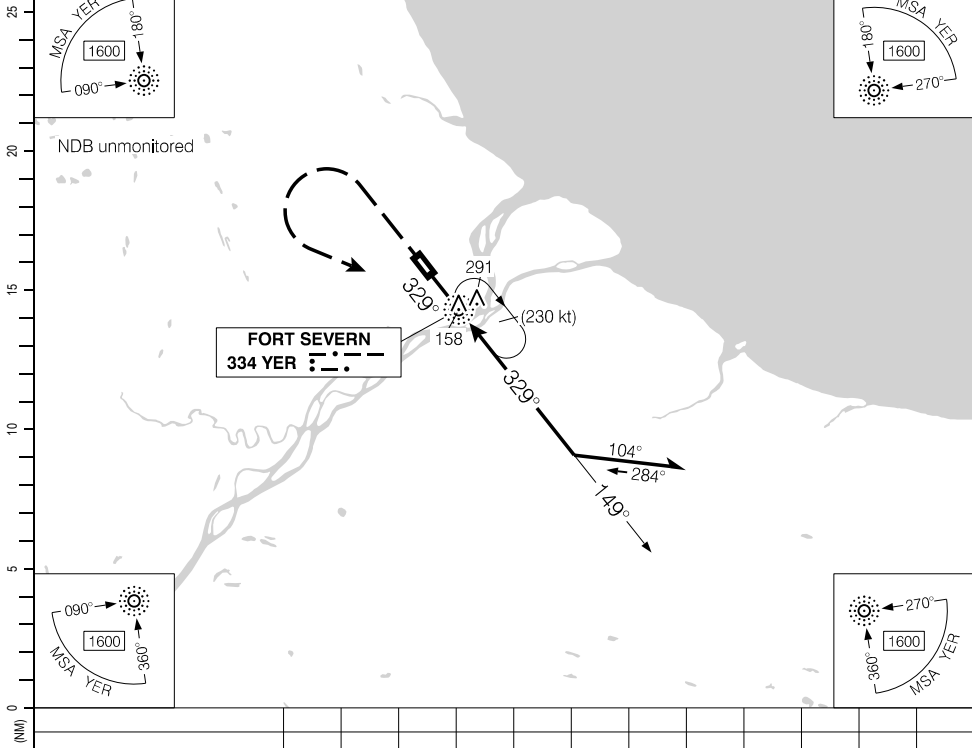
CYER

EFF 5 OCT 23

NDB RWY 33

560108N 0874034W VAR 8°W

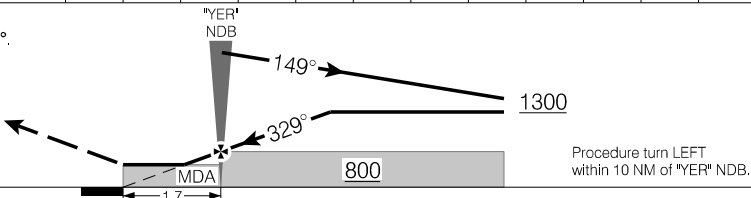
AWOS - 124.55		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 1900	NDB YER 334	APCH CRS 329°	MIN ALT YER 800	LDA 3519		AS ⊙	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

MISSED APPROACH
Climb to **1500** track **329°**.
Then LEFT turn direct to
"YER" NDB.

ELEV 51
TDZE 51



	CATEGORY	A		B	C	D			
		NDB	560 (509)	1½	NOT AUTHORIZED				
"YER" NDB to MAP 1.7 NM	CIRCLING	560	(509)	1½	640 (589)	2	660 (609) 2		
Knots								ft/min	Min:Sec
70									1:27
90									1:08
110									0:56
130									0:47
150		0:41							

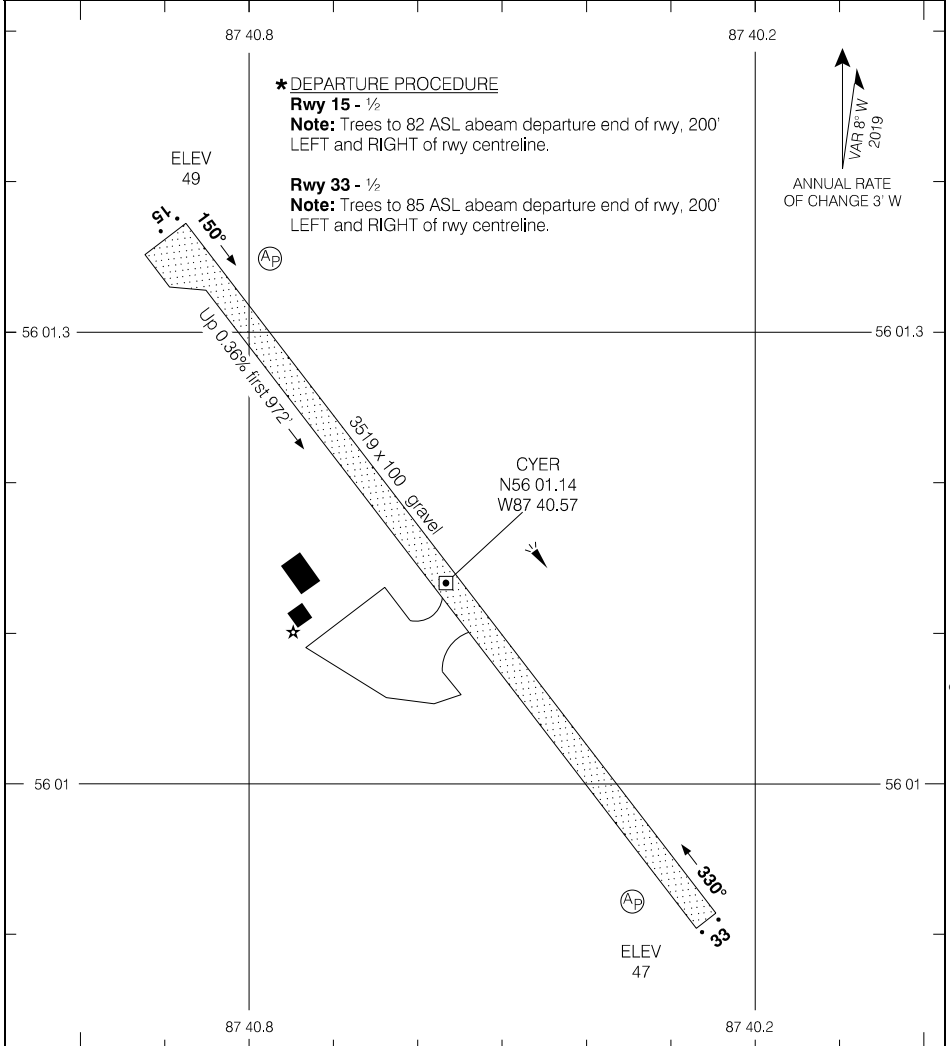
NDB RWY 33

CYER

EFF 25 JAN 24

AERODROME CHART

AWOS - 124.55				TFC - 122.8		ATF	
DECL DIST	15	33					
TORA	3519	3519					
TODA	3519	3519					
ASDA	3519	3519					
LDA	3519	3519					



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA

Rwys 15; 33: *

SCALE IN FEET

1000 0 1000

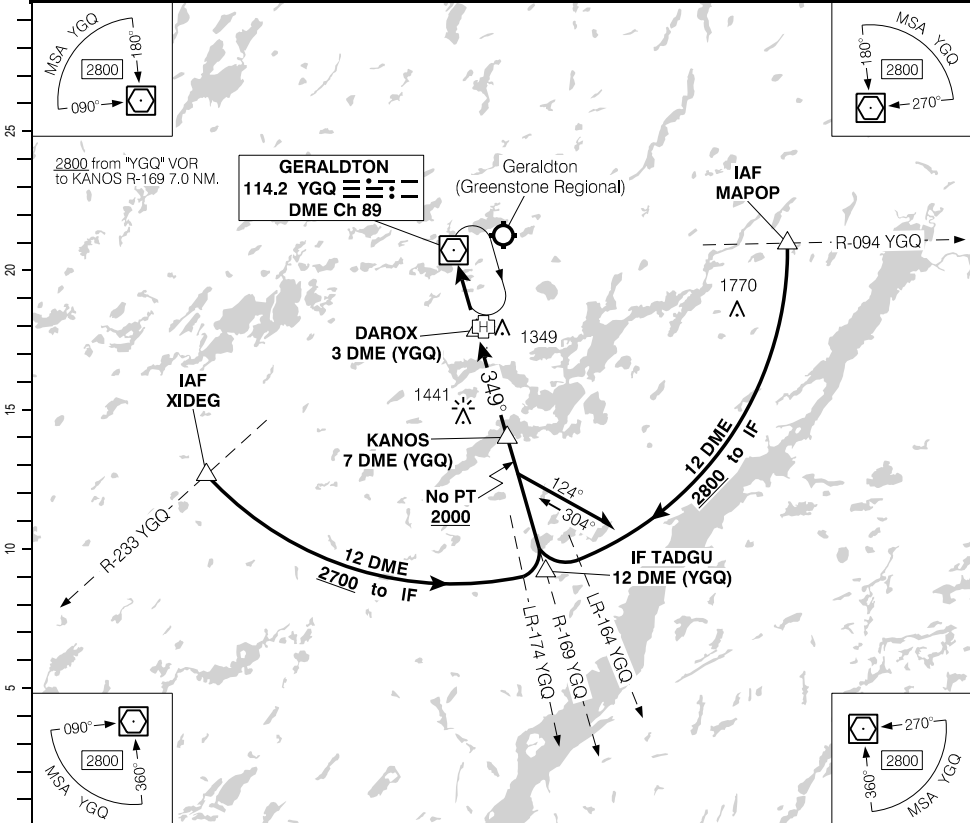
AERODROME CHART

CYER

EFF 5 OCT 23

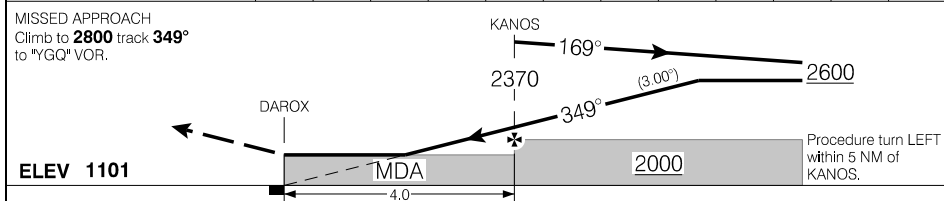
COPTER VOR/DME 349°

RADIO London – 123.47		UNICOM – 122.8		ATF CYGQ		RY(LO) RF(FL)
SAFE ALT 100 NM 3400	VOR YGQ 114.2	APCH CRS 349°	MIN ALT KANOS 2000	HELIPAD 86 Diameter		



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM YGQ			5.1	6	7	8	9	10.2	11	12		
	ALT (3.00° APCH PATH)			1760	2060	2370	2690	3010	3400	3650	3970		



RASS: Use CYGQ. When using CYSP add 150°.						CATEGORY	COPTER		
Knots	70	90	110	130	150	VOR/DME	1760	(659)	¾
ft/min	370	480	580	690	800				
Min:Sec									

COPTER VOR/DME 349°

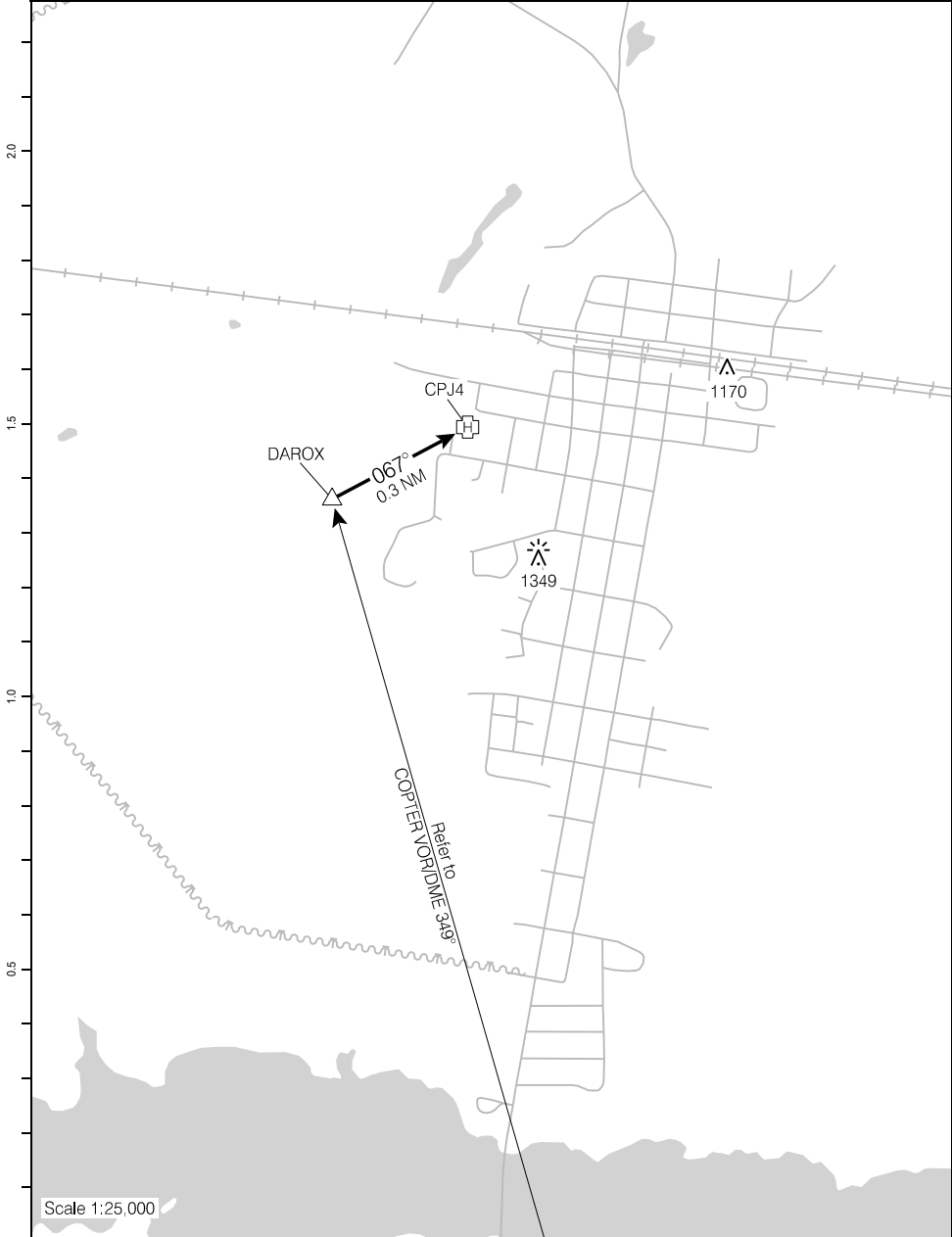
VISUAL APPROACH CHART

RADIO London – 123.47

UNICOM – 122.8

ATF CYGO

ELEV 1101



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Scale 1:25,000

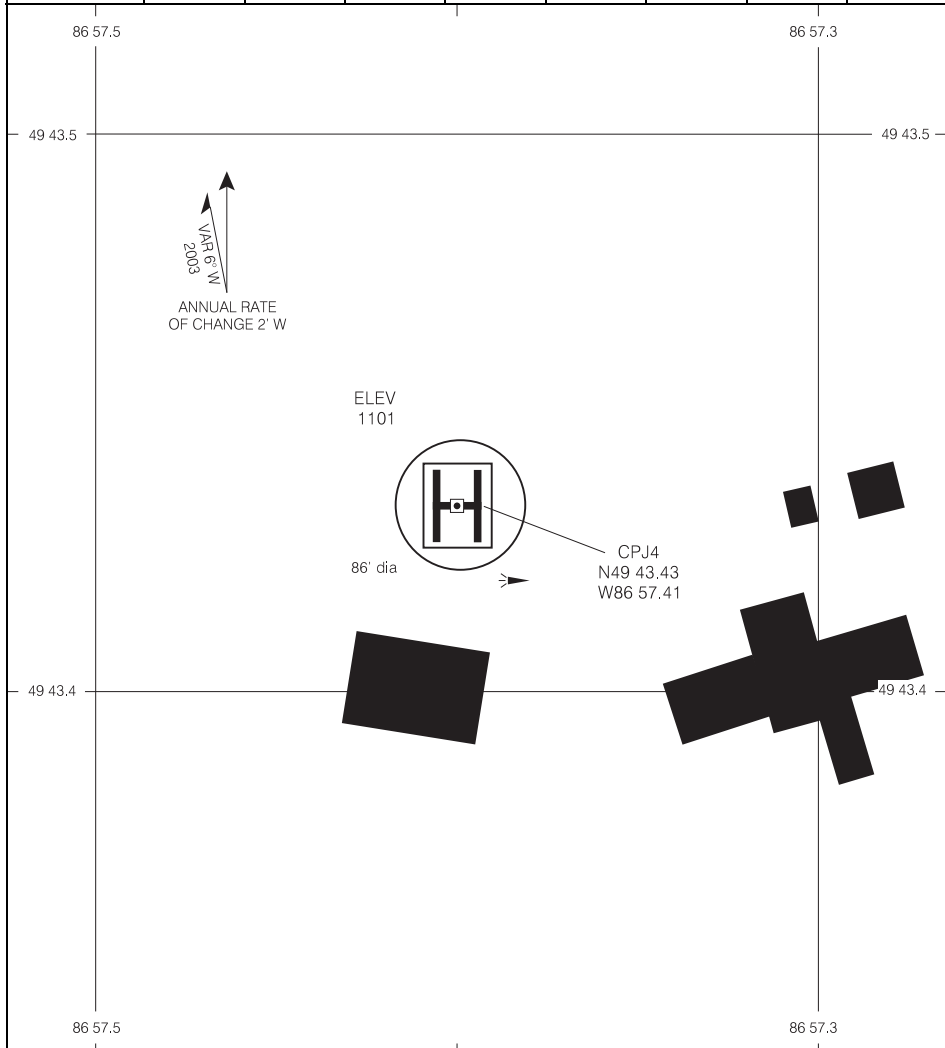
VISUAL APPROACH CHART

EFF 19 JUL 18

CPJ4

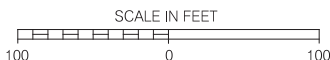
HELIPORT CHART

				UNICOM – 122.8		RADIO London – 123.47	
						ATF CYGQ	
DECL	DISTS						
TORA							
TODA							
ASDA							
LDA							



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA
NOT ASSESSED



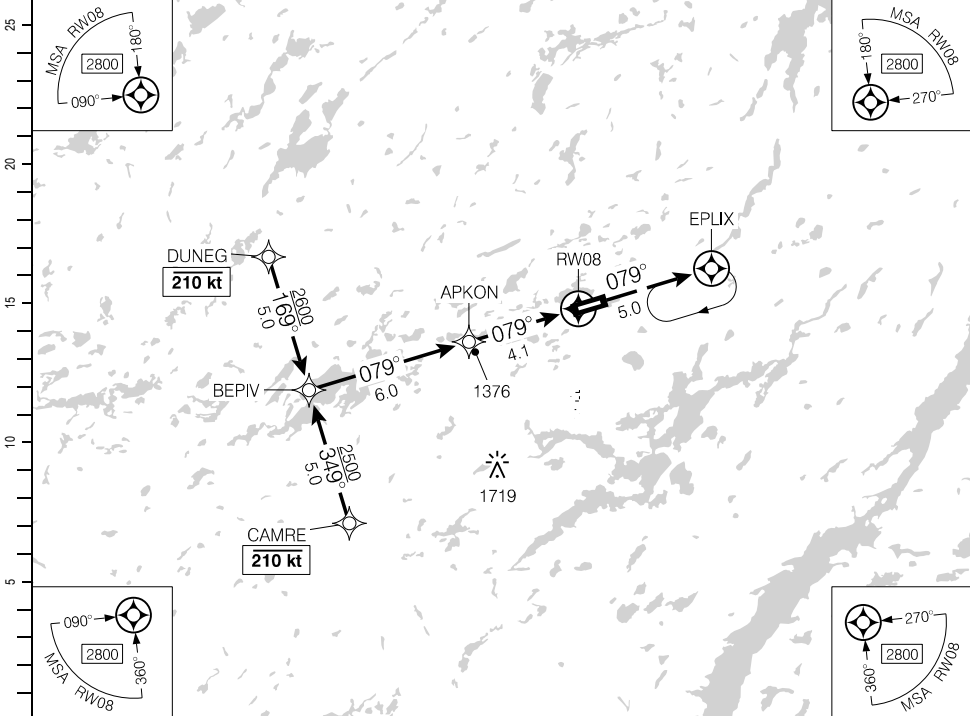
HELIPORT CHART

EFF 24 JUL 14

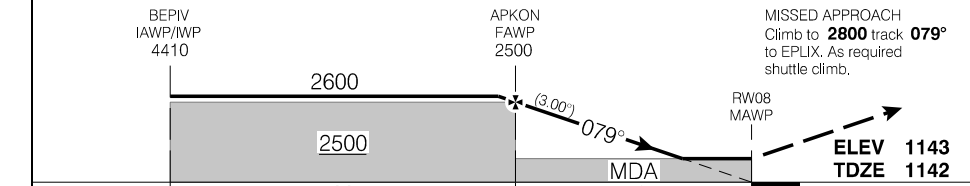
CPJ4

RNAV (GNSS) RWY 08

AWOS – 128.1		RADIO London – 123.47		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		RNAV	APCH CRS 079°	MIN ALT APKON 2500	LDA 5007	ATF P2	



(NM)	10.1	9	8	7	6	5	4.4	3	2	1.2	DIST FROM RWY08
	4410	4050	3740	3420	3100	2780	2600	2140	1830	1560	ALT (3.00° APCH PATH)



RASS: When using CYSF add 170'.			CATEGORY	A	B	C	D
LNAV			1560		(421)	1¼	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 08

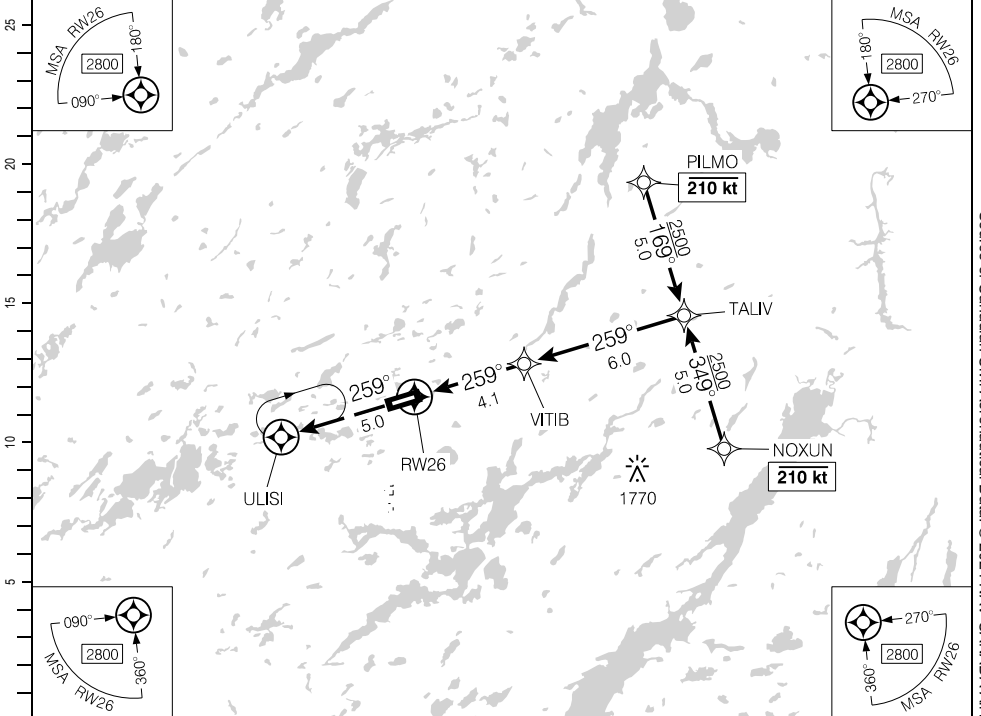
CYQQ

EFF 24 MAR 22

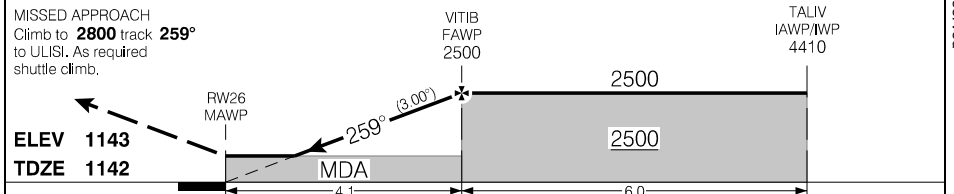
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 26

AWOS – 128.1		RADIO London – 123.47		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		RNAV		APCH CRS 259°		MIN ALT VITIB 2500	
				ATF		LDA 5007	



(NM)	DIST FROM RW26	1.2	2	3	4.1	5	6	7	8	9	10.1		
	ALT (3.00° APCH PATH)	1560	1820	2140	2500	2780	3100	3420	3740	4050	4410		

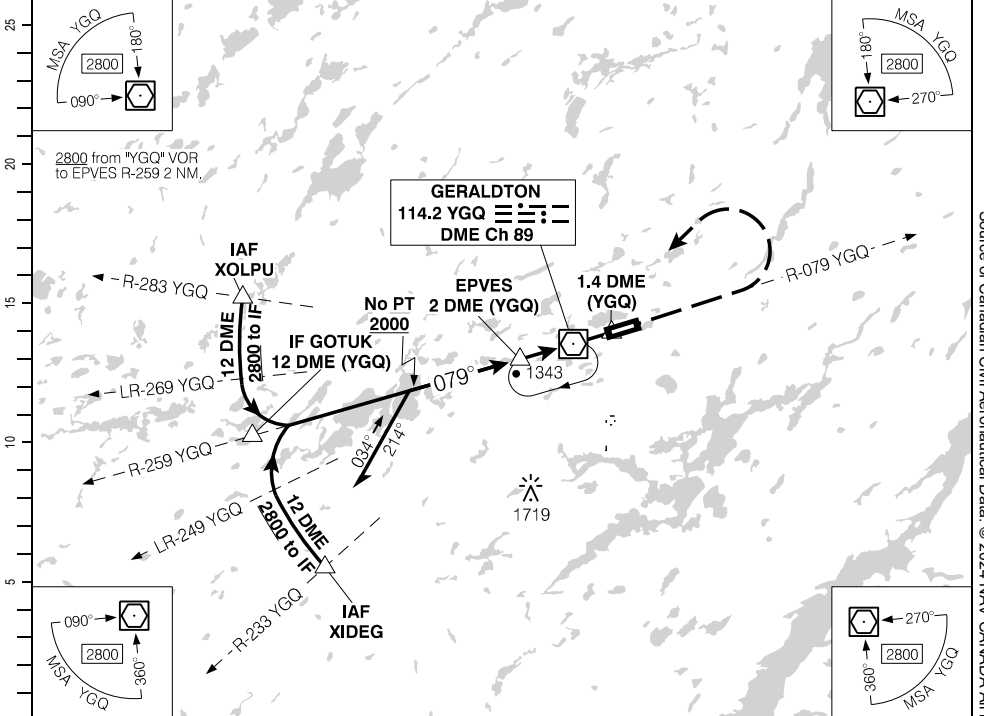


RASS: When using CYPSP add 170'.		CATEGORY	A	B	C	D
		LNAV	1560		(422)	1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

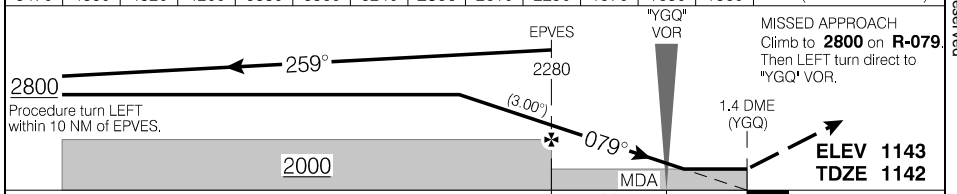
RNAV (GNSS) RWY 26

VOR/DME RWY 08

AWOS – 128.1		RADIO London – 123.47		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		VOR YGQ 114.2	APCH CRS 079°	MIN ALT EPVES 2000	LDA 5007		



(NM)	12	10	9	8	7	6	5	3.6	3	2	1	YGQ	0.3	DIST FROM DME (YGQ)
	5470	4830	4520	4200	3880	3560	3240	2800	2610	2290	1970	1650	1560	ALT (3.00° APCH PATH)



RASS: When using CYPSP add 170'.		CATEGORY	A	B	C	D
VOR/DME		1560		(418)	1¼	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

VOR/DME RWY 08

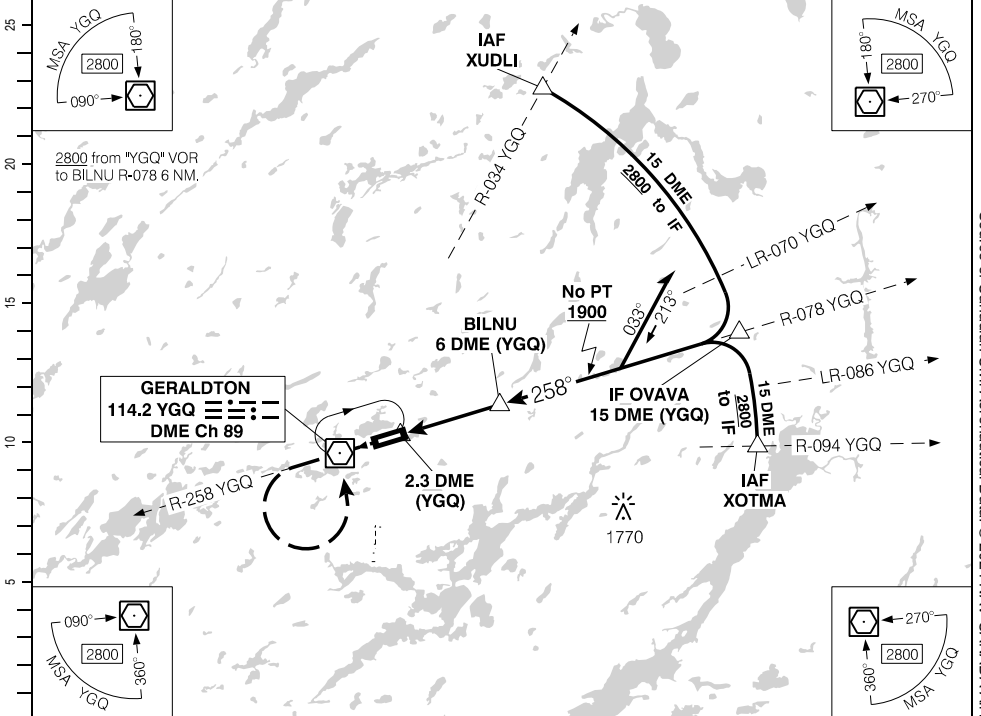
CYQQ

EFF 10 AUG 23

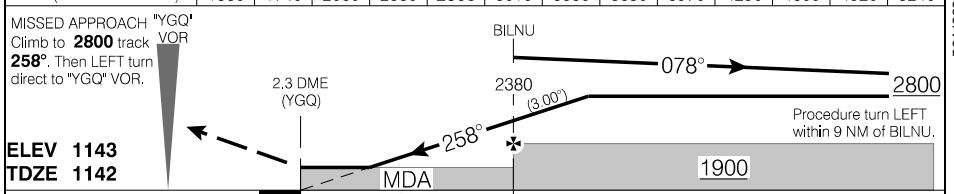
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

VOR/DME RWY 26

AWOS – 128.1		RADIO London – 123.47		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		VOR YGQ 114.2	APCH CRS 258°	MIN ALT BILNU 1900	LDA 5007		ATF P2 2



(NM)	DIST FROM DME (YGQ)	3.5	4	5	6	7.3	8	9	10	11	12	13	14	15
	ALT (3.00° APCH PATH)	1580	1740	2060	2380	2800	3010	3330	3650	3970	4290	4600	4920	5240



ELEV 1143 TDZE 1142			RASS: When using CYPSP add 170'.		CATEGORY		A		B		C		D	
			VOR/DME		1580		(438)		1½					
Knots			ft/min		Min:Sec		CIRCLING		1660		(517)		1½	
70			370								1680		(537) 2	
90			480										1900 (757) 2½	
110			580											
130			690											
150			800											

VOR/DME RWY 26

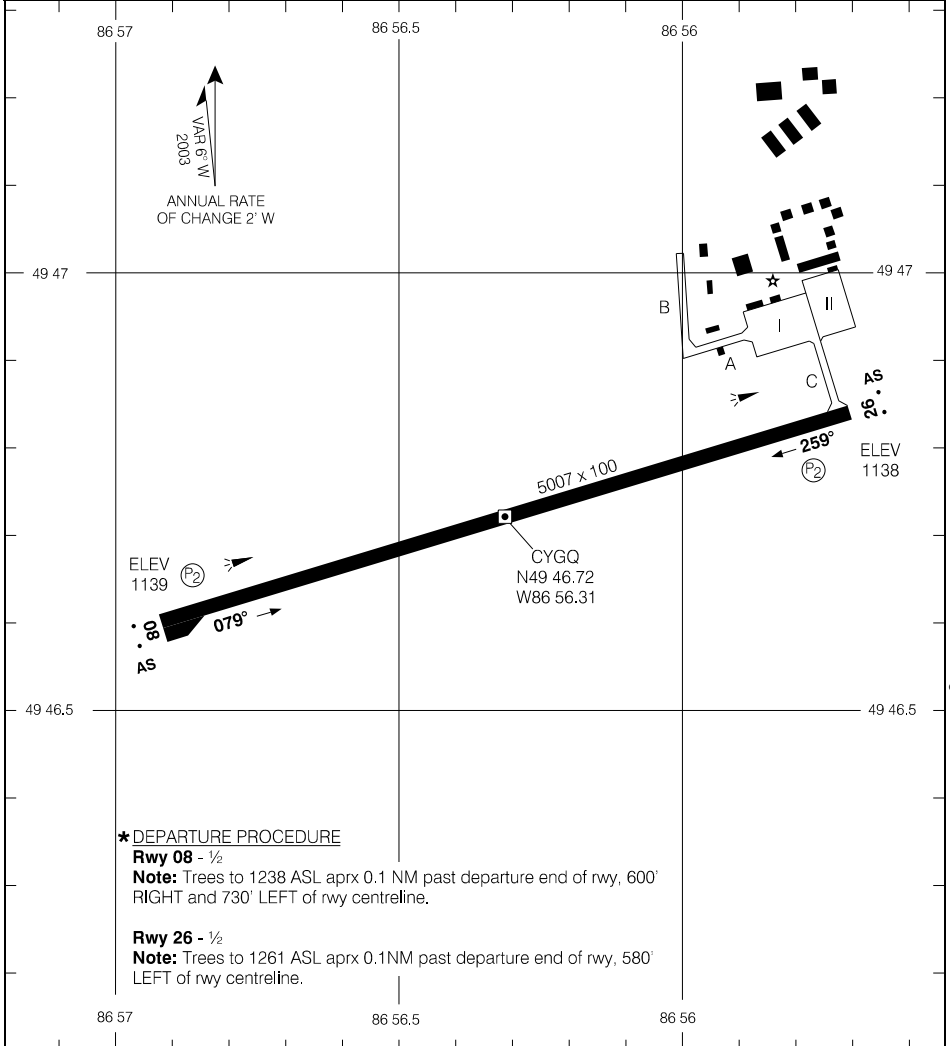
CYQG

EFF 10 AUG 23

AERODROME CHART

AWOS - 128.1						UNICOM - 122.8		RADIO London - 123.47	
						ATF			

DECL	DISTS	08	26						
TORA		5007	5007						
TODA		5207	5207						
ASDA		5007	5007						
LDA		5007	5007						

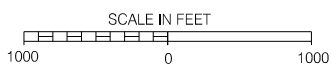


*** DEPARTURE PROCEDURE**

- Rwy 08 - 1/2**
Note: Trees to 1238 ASL aprx 0.1 NM past departure end of rwy, 600' RIGHT and 730' LEFT of rwy centreline.
- Rwy 26 - 1/2**
Note: Trees to 1261 ASL aprx 0.1NM past departure end of rwy, 580' LEFT of rwy centreline.

TAKE-OFF MINIMA

Rwys 08; 26: *



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

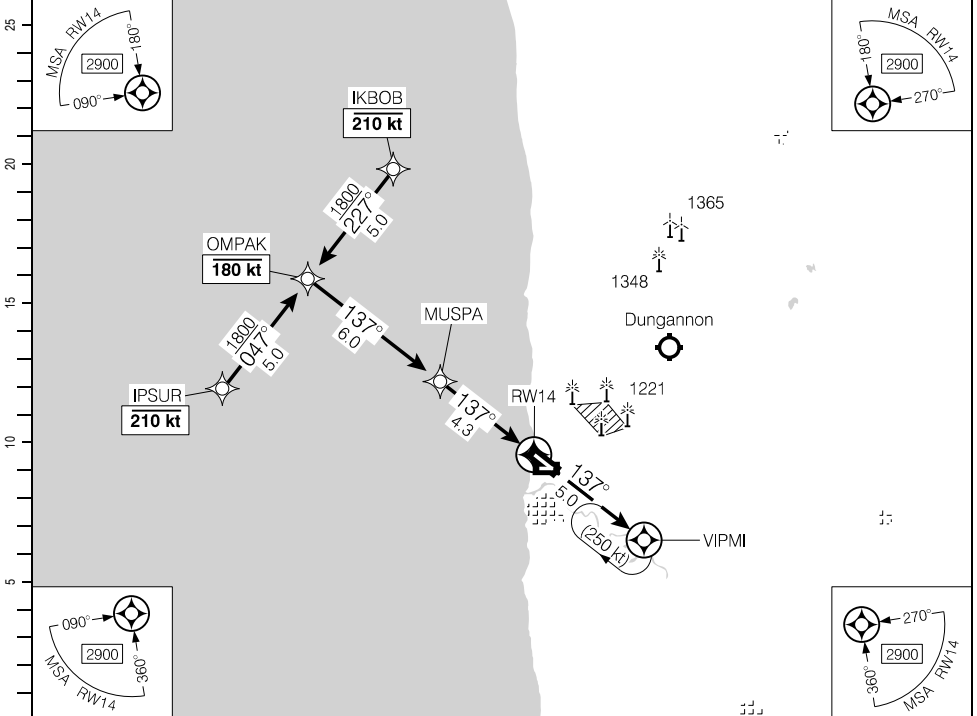
EFF 10 AUG 23

CYQG

RNAV (GNSS) RWY 14

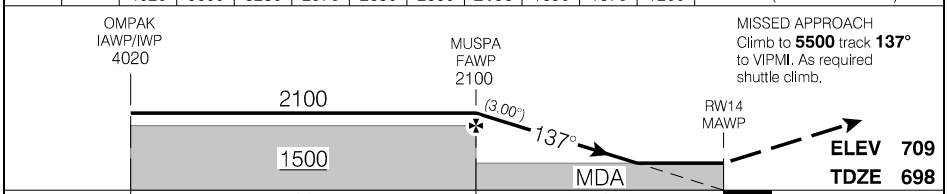
434604N 0814239W VAR 9°W

CTR Toronto - 135.3		UNICOM - 122.7 (AU)		ARCAL 122.7(J)*	
SAFE ALT 100 NM 3300	RNAV	APCH CRS 137°	MIN ALT MUSPA 1500	LDA 5034	ATF



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10.3	9	8	7	6	5	4.3	3	2	1.5	DIST FROM RW14	
	4020	3600	3280	2970	2650	2330	2100	1690	1370	1200	ALT (3.00° APCH PATH)	



RASS: When using CYZR add 140'.			CATEGORY	A	B	C	D
			LNAV	1200 (513)		1½	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 14

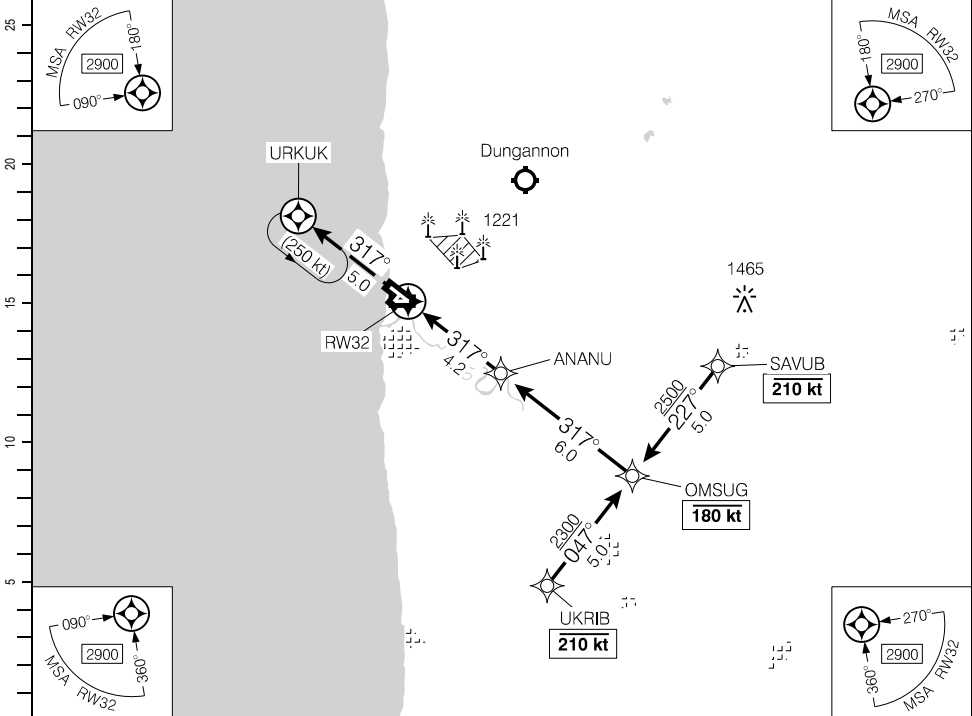
CYGD

EFF 21 MAR 24

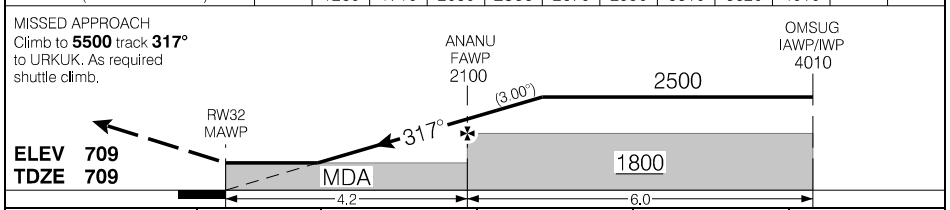
RNAV (GNSS) RWY 32

434604N 0814239W VAR 9°W

CTR Toronto - 135.3		UNICOM - 122.7 (AU)		ARCAL 122.7(J)*	
SAFE ALT 100 NM 3300		RNAV	APCH CRS 317°	MIN ALT ANANU 1800	LDA 5034
				ATF	
				AP 4.2	



DIST FROM RW32	1.6	3	4	5.5	6	7	8	9	10.2		
ALT (3.00° APCH PATH)	1260	1710	2030	2500	2670	2990	3310	3620	4010		



RASS: When using CYZR add 140'.			CATEGORY	A	B	C	D
			LNAV	1260 (551)		1¼	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 32

CYGD

EFF 21 MAR 24

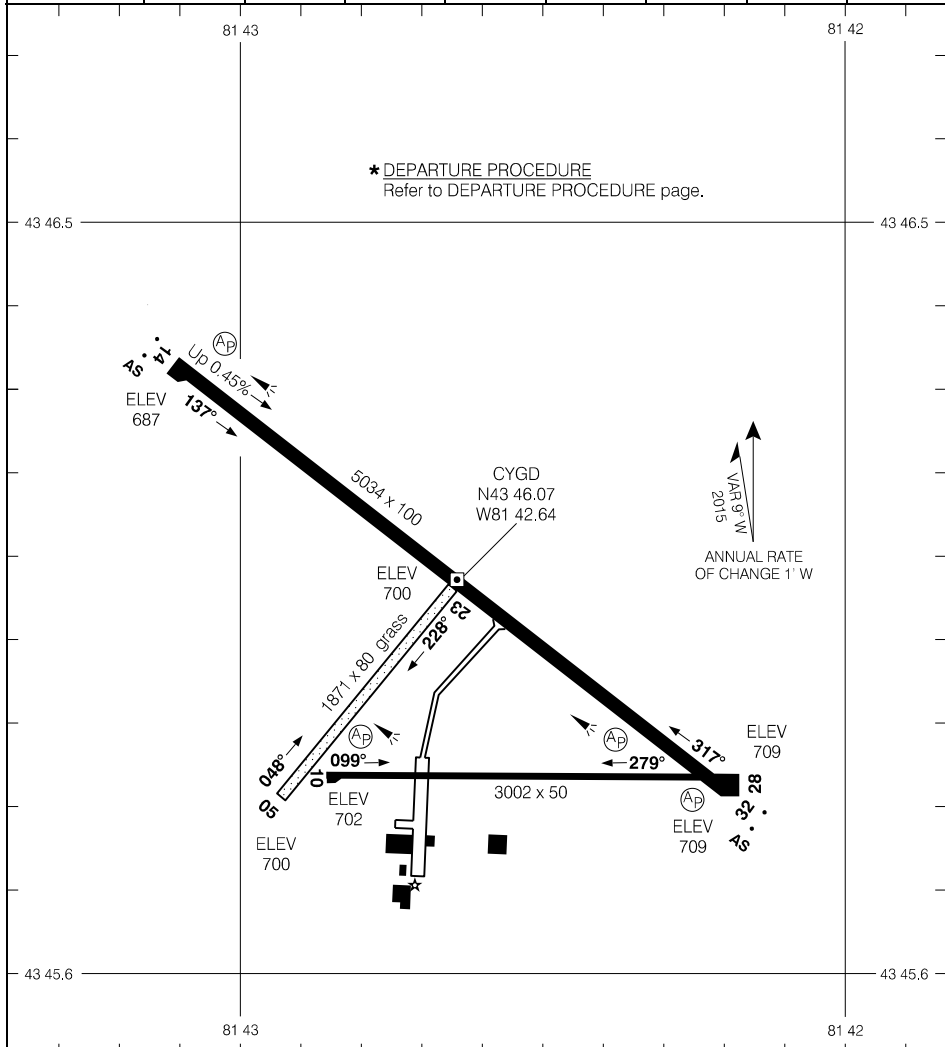
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE

Departure Procedure**Rwy 10 – ½:** NO LEFT turn below **1300**.**Note:** Road to 766 ASL aprx 900' past departure end of rwy. Trees to 801 ASL aprx 500' past departure end of rwy, 400' left of rwy centreline. Trees to 801 ASL aprx 1000' past departure end of rwy, 260' right of rwy centreline.**Rwy 14 – ½:** NO LEFT turn below **1300**.**Note:** Roads to 766 ASL aprx 0.1 NM past departure end of rwy, both left and right of rwy centreline. Trees to 801 ASL aprx 0.2 NM past departure end of rwy, both left and right of rwy centreline.**Rwy 28 – ½:****Note:** Buildings to 749 ASL abeam departure end of rwy, 450' left of rwy centreline. Trees to 769 ASL aprx 1000' past departure end of rwy, 400' right of rwy centreline. Trees to 769 ASL aprx 0.2NM past departure end of rwy, both left and right of rwy centreline.**Rwy 32 – ½:****Note:** Trees to 736 ASL abeam departure end of rwy, 320' right of rwy centreline.

AERODROME CHART

					UNICOM - 122.7 (AU)		CTR Toronto - 135.3	
							ATF	
DECL	DISTS	05	23	10	28	14	32	
TORA		1871	1871	3002	3002	5034	5034	
TODA		1871	1871	3002	3002	5034	5034	
ASDA		1871	1871	3002	3002	5034	5034	
LDA		1871	1871	3002	3002	5034	5034	



TAKE-OFF MINIMA	
Rwys 05, 23:	NOT ASSESSED
Rwys 10, 14, 28, 32:	★

AERODROME CHART

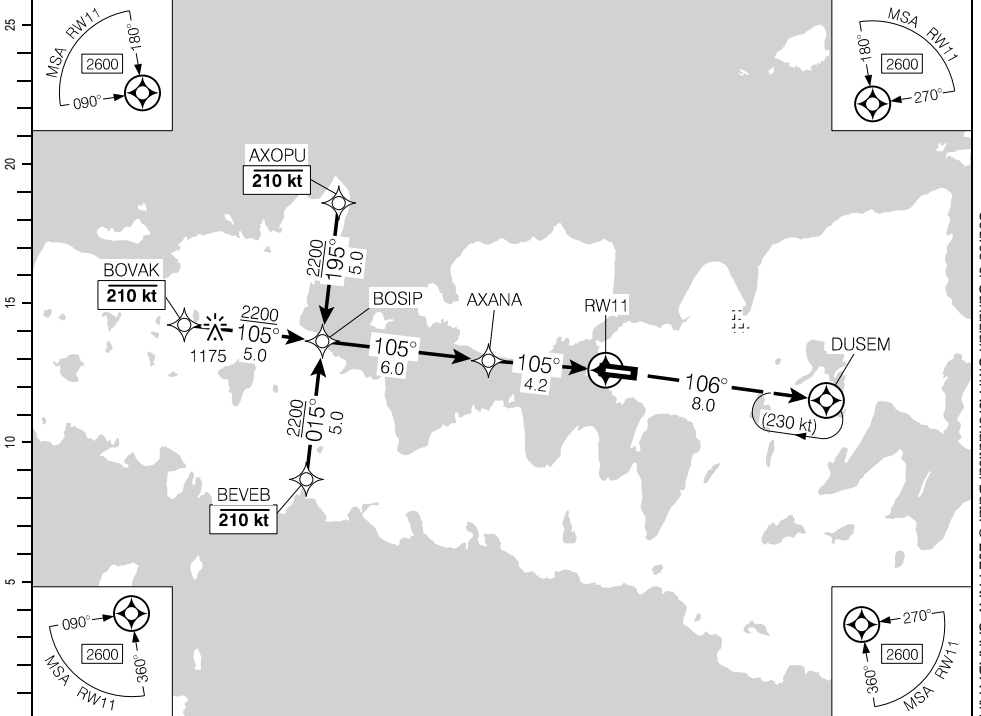
EFF 23 FEB 23

CYGD

RNAV (GNSS) RWY 11

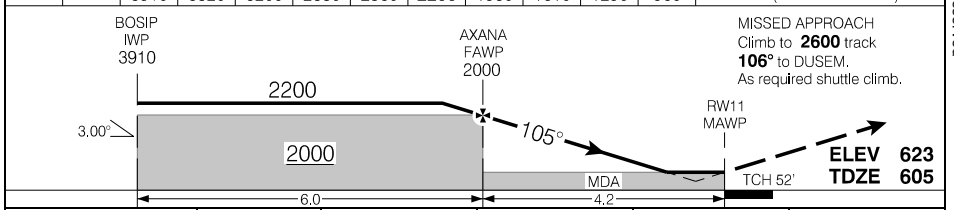
455303N 0823406W VAR 9°W

CTR Toronto – 135.4 RADIO London – 126.7		UNICOM – 122.8			ARCAL 122.8(K)
AUTO – 128.72		ATF			
SAFE ALT 100 NM 3500	WAAS Ch 81009 W11A	APCH CRS 105°	MIN ALT AXANA 2000	LDA 5500	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10.2	9	8	7	6	4.9	4	3	2	1.0	DIST FROM RW11
	3910	3520	3200	2880	2560	2200	1930	1610	1290	960	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	852	(250)		1
Knots	ft/min	Min:Sec	LNAV	960	(358)		1¼
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 11

CYZE

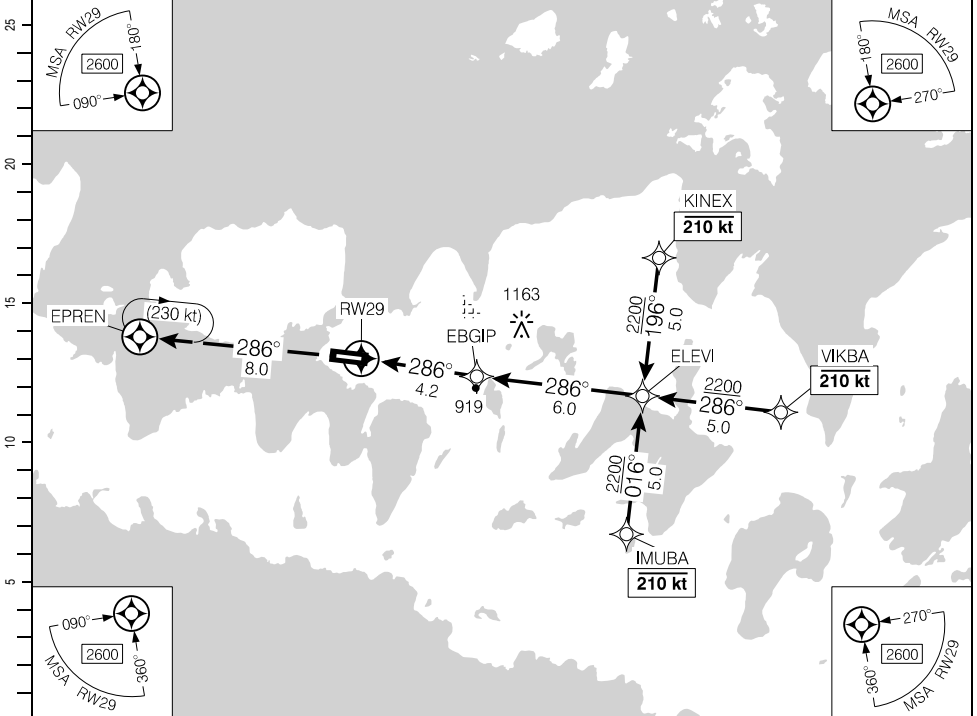
EFF 3 NOV 22

RNAV (GNSS) RWY 29

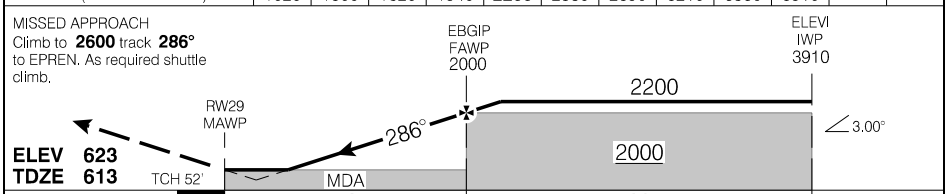
455303N 0823406W VAR 9°W

CYZE

CTR Toronto – 135.4 RADIO London – 126.7		UNICOM – 122.8			ARCAL 122.8(K)
AUTO – 128.72		ATF			(P1)
SAFE ALT 100 NM 3500	WAAS Ch 81011 W29A	APCH CRS 286°	MIN ALT EBGIP 2000	LDA 5500	



DIST FROM RW29	1.1	2	3	4	4.8	6	7	8	9	10.2		
ALT (3.00° APCH PATH)	1020	1300	1620	1940	2200	2580	2890	3210	3530	3910		



			CATEGORY	A	B	C	D
			LPV	863	(250)		1
			LNAV	1020	(407)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 29

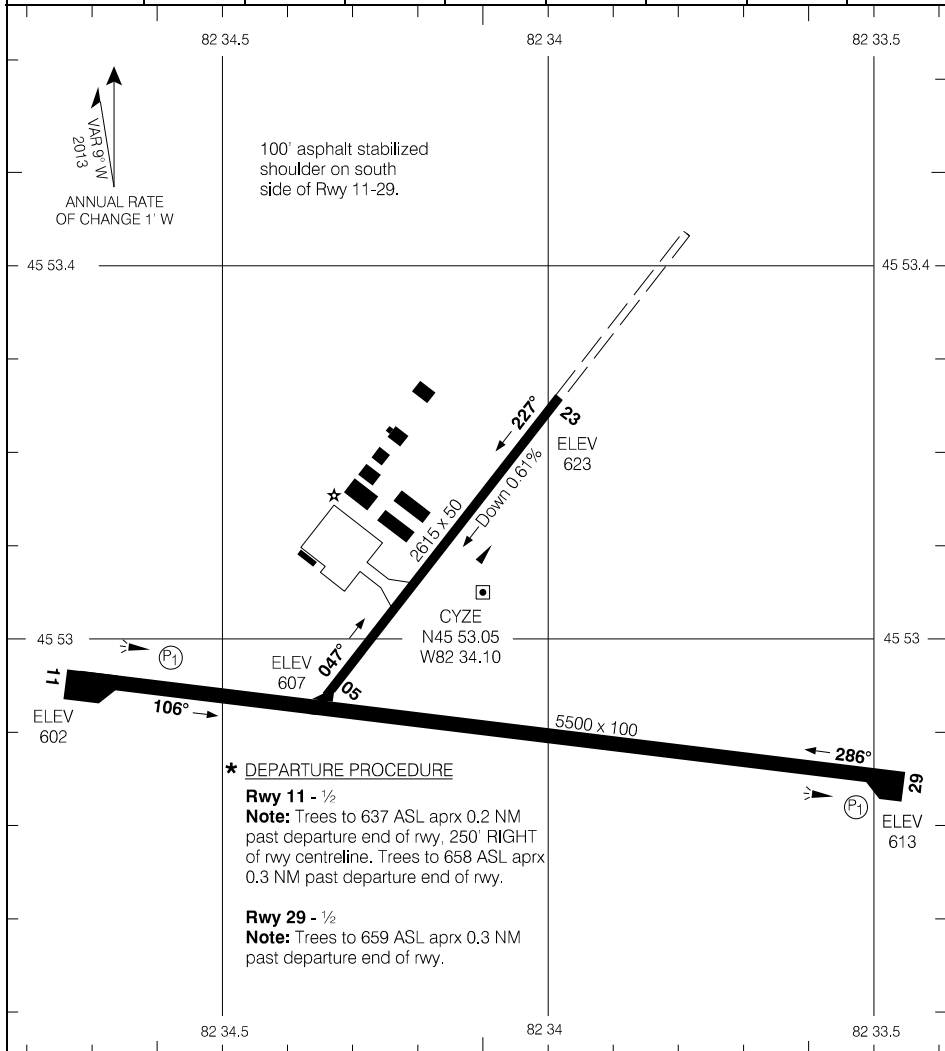
CYZE

EFF 3 NOV 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 128.72					UNICOM - 122.8		CTR Toronto - 135.4 RADIO London - 126.7	
					ATF			
DECL DIST	11	29	05	23				
TORA	5500	5500	2615	2615				
TODA	6484	6484	2615	2615				
ASDA	5500	5550	2615	2615				
LDA	5500	5500	2615	2615				



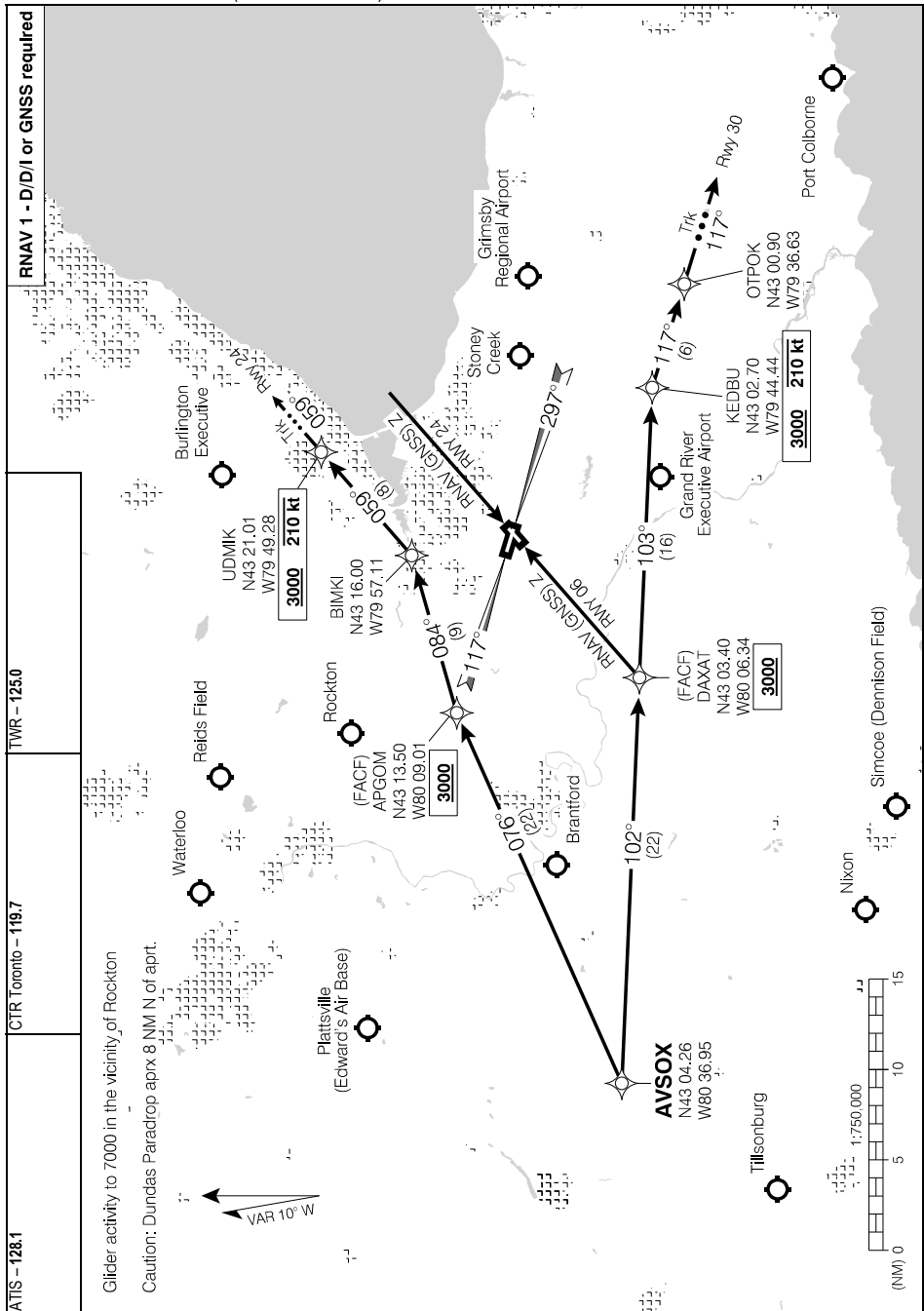
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA		SCALE IN FEET	
Rwy 05; 23: NOT ASSESSED		1000 0 1000	
Rwy 11; 29: *			

AERODROME CHART

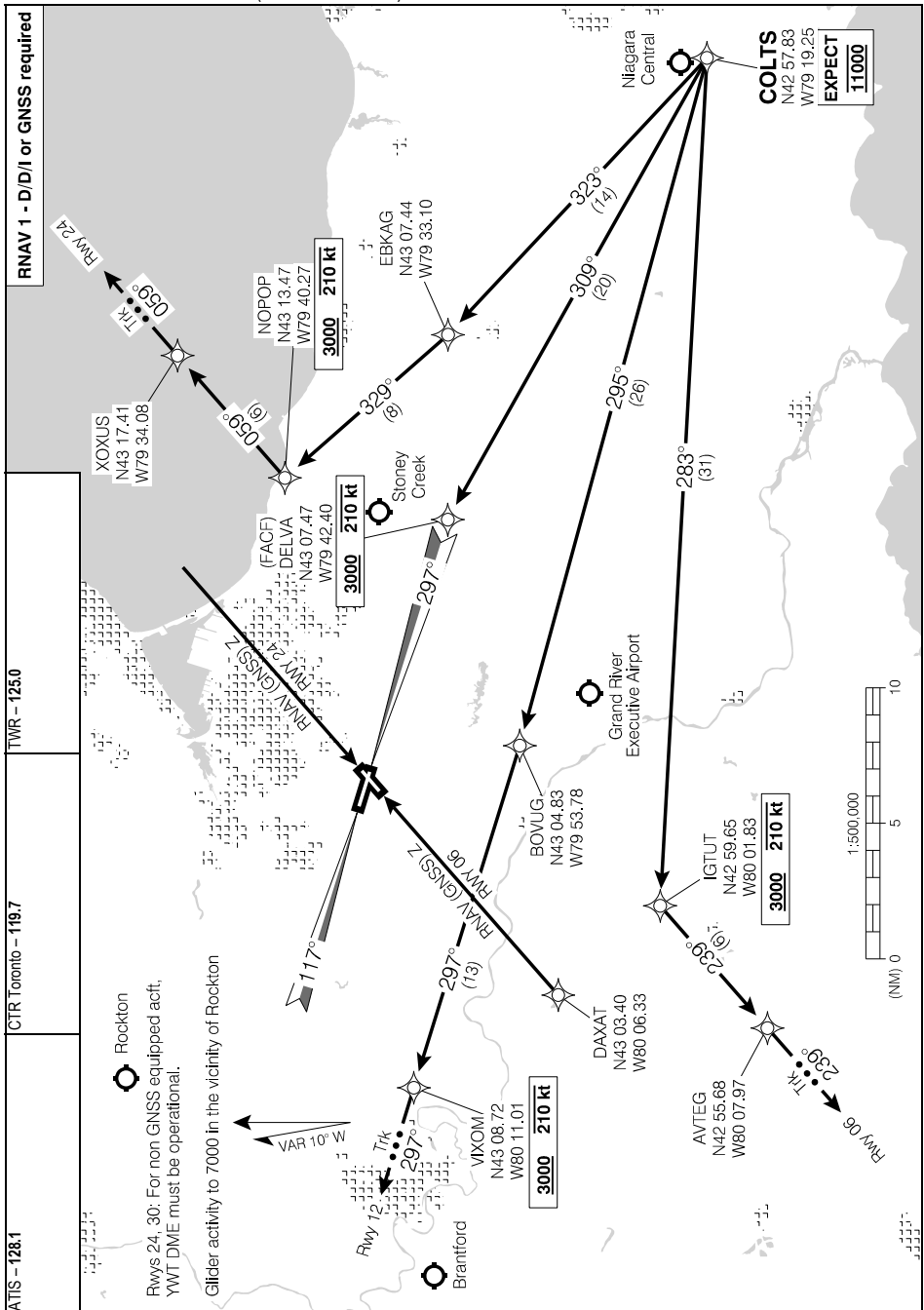
CYZE

EFF 25 JAN 24



COLTS SEVEN ARR (COLTS.COLTS7)

CYHM



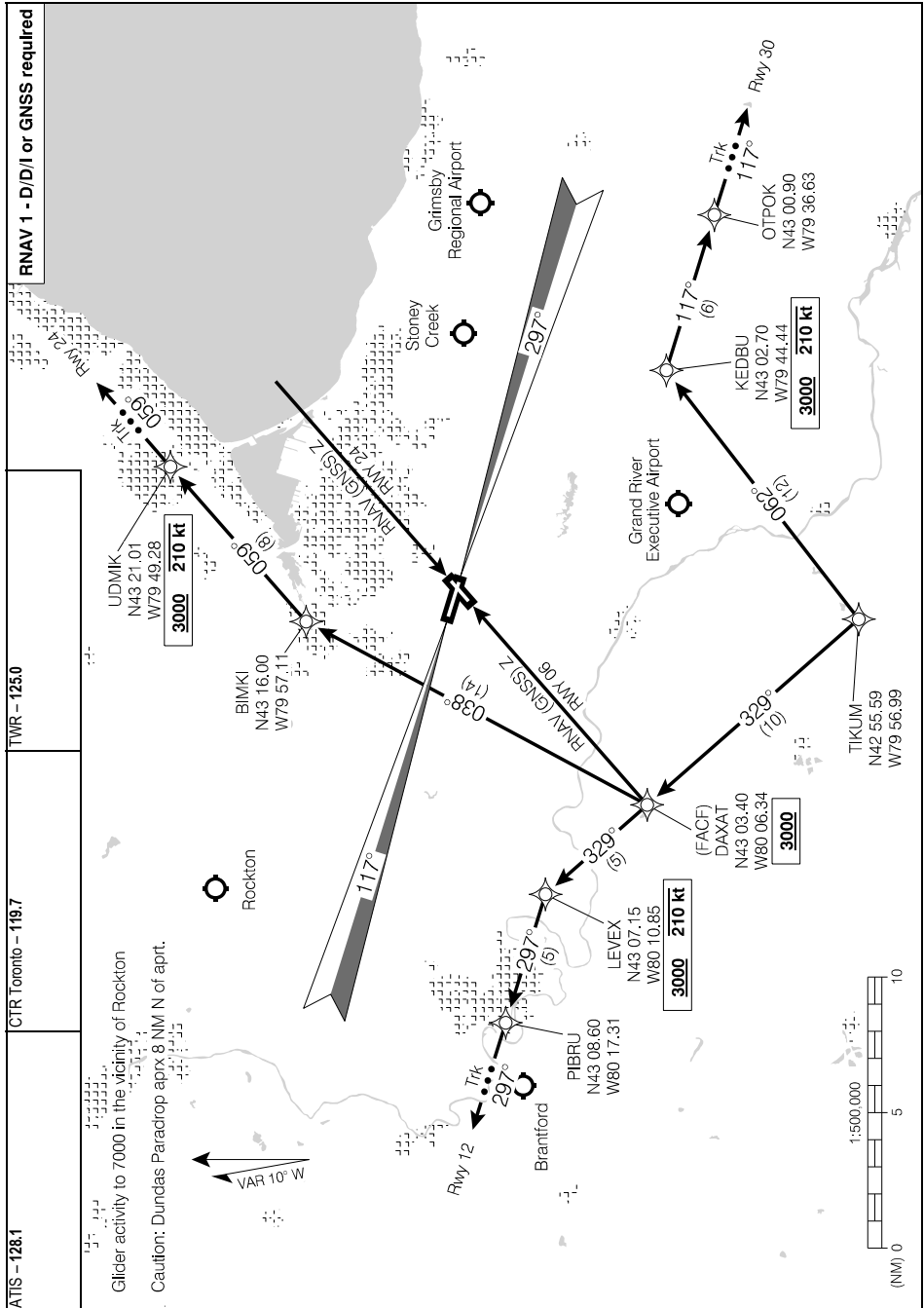
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

COLTS SEVEN ARR (COLTS.COLTS7)

CYHM

EFF 7 OCT 21

TIKUM TWO ARR (TIKUM.TIKUM2)

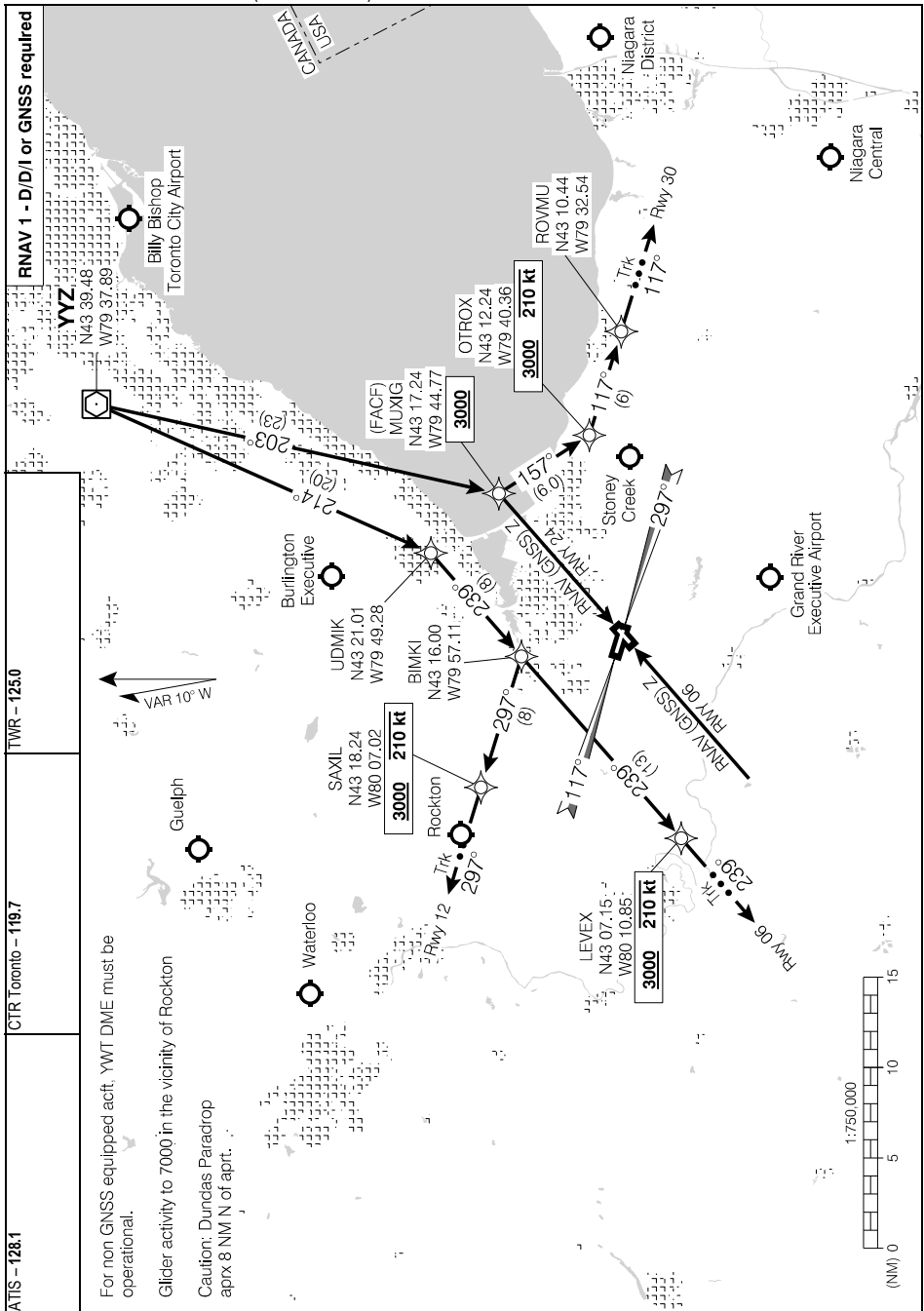


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TIKUM TWO ARR (TIKUM.TIKUM2)

STAR (RNAV)
UDMIK THREE ARR (YYZ.UDMIK3)

HAMILTON, ON
CYHM



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

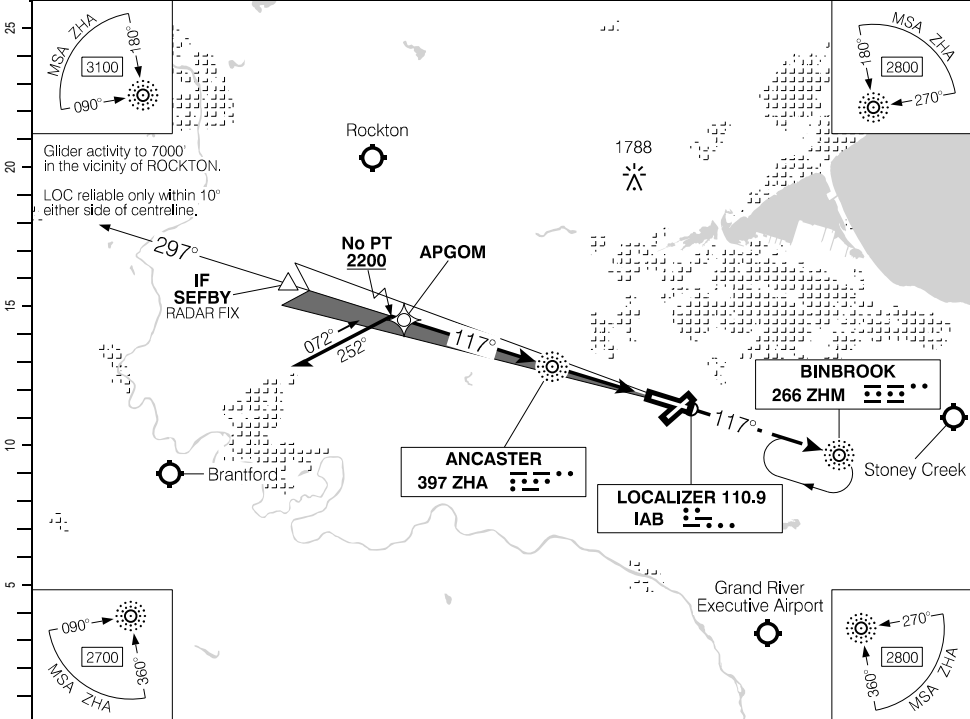
UDMIK THREE ARR (YYZ.UDMIK3)
EFF 7 OCT 21

CYHM

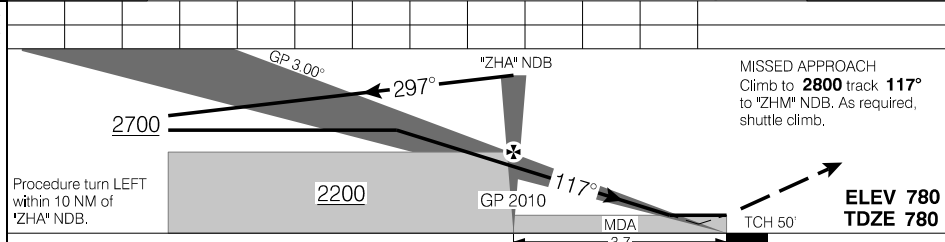
ILS OR NDB RWY 12

431025N 0795606W VAR 10°W

ATIS - 128.1		CTR Toronto - 119.7		TWR - 125.0		GND - 121.6		TDZL	
SAFE ALT 100 NM 4900		LOC IAB 110.9		APCH CRS 117°		GP ZHA 2010		LDA 8398	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



			CATEGORY	A	B	C	D
			ILS	980	(200)	½ RVR 26	
ZHA NDB to MAP 3.7 NM			LOC	1180	(400)	1 RVR 50	
*Knots	ft/min	Min:Sec	NDB	1280	(500)	1 RVR 50	
70		3:10	CIRCLING	1280	(500)	1½	1280 (500) 2
90		2:28					
110		2:01					
130		1:42					
150		1:29				1380 (600) 2	

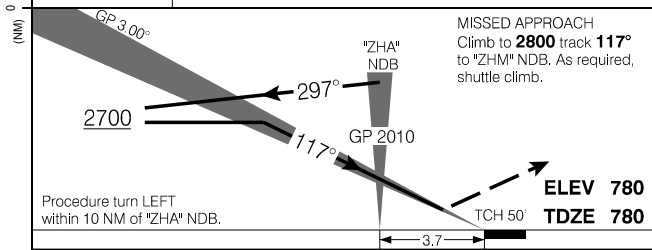
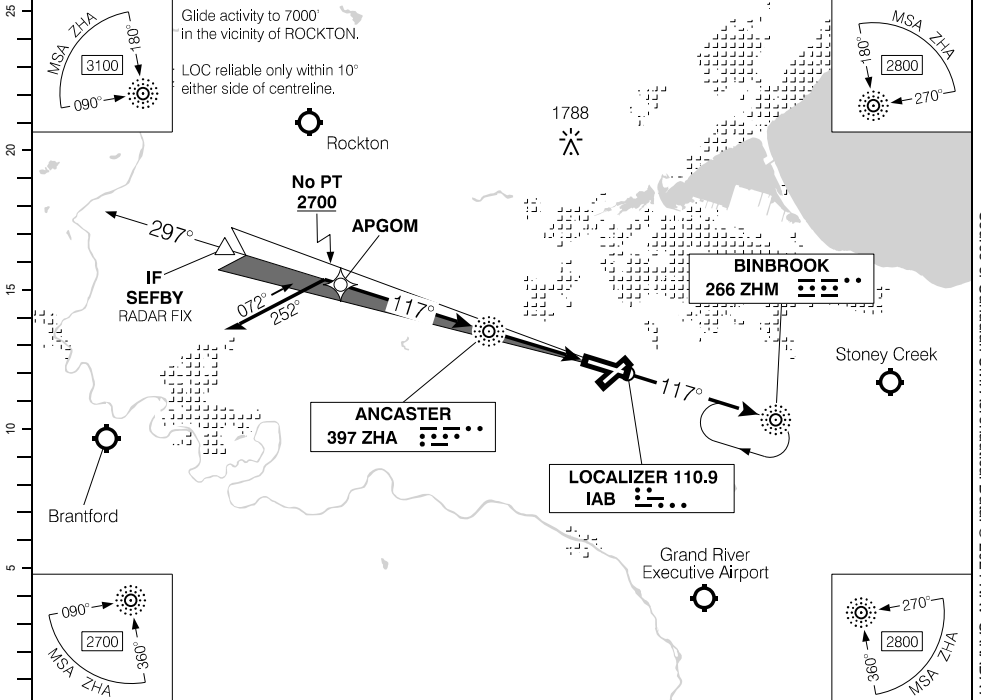
ILS OR NDB RWY 12

EFF 10 AUG 23

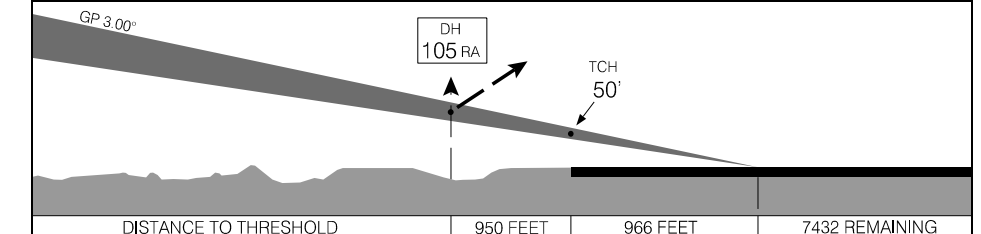
ILS CAT II RWY 12

431025N 0795606W VAR 10°W

ATIS - 128.1	CTR Toronto - 119.7	TWR - 125.0	GND - 121.6	TDZL
SAFE ALT 100 NM 4900	LOC IAB 110.9	APCH CRS 117°	GP ZHA 2010		LDA 8398



PRIOR AUTH REQUIRED FROM TC	
CAT II	876 (101) RVR 12
CAT III A	NOT AUTHORIZED
CAT III B	NOT AUTHORIZED
CAT III C	NOT AUTHORIZED



DISTANCE TO THRESHOLD	950 FEET	966 FEET	7432 REMAINING
-----------------------	----------	----------	----------------

ILS CAT II RWY 12
EFF 10 AUG 23

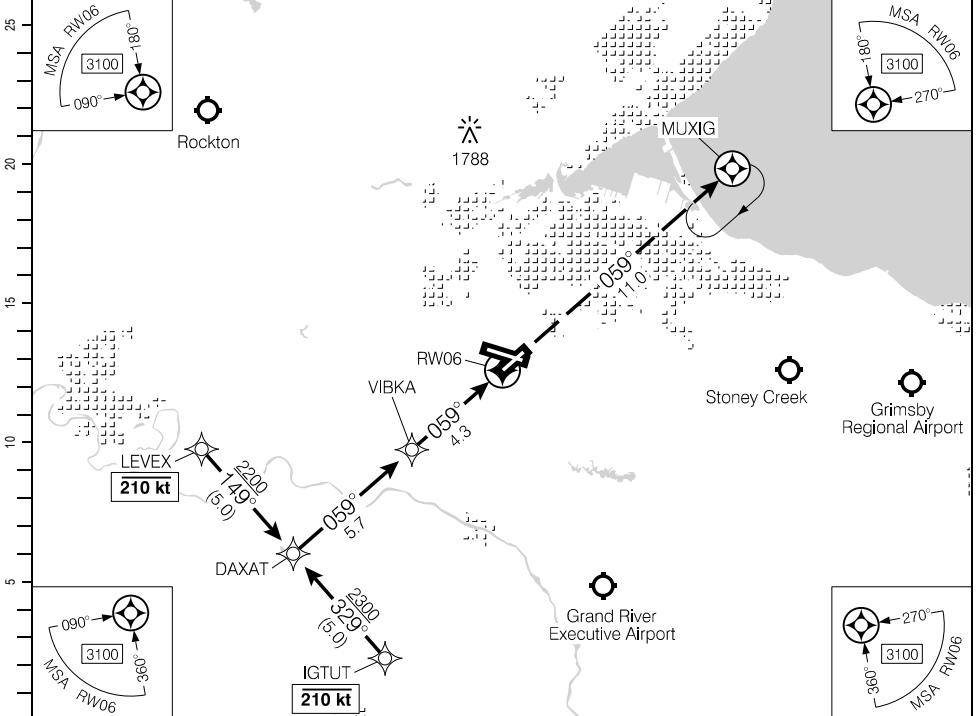
CYHM

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Z RWY 06

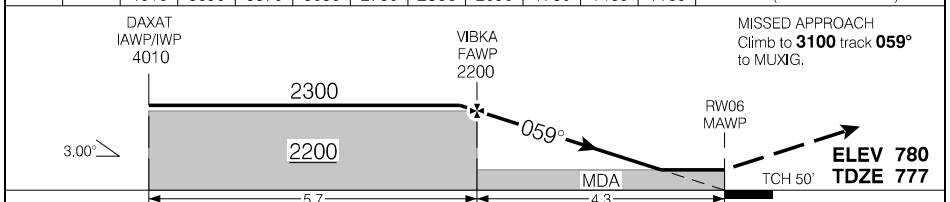
431025N 0795606W VAR 10°W

ATIS – 128.1		CTR Toronto – 119.7		TWR – 125.0		GND – 121.6		(P2)	
SAFE ALT 100 NM 4900		WAAS Ch 80451 W06A		APCH CRS 059°		MIN ALT VIBKA 2200			LDA 6010



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	4.6	4	3	2	1.1	DIST FROM RW06	
	4010	3690	3370	3050	2730	2300	2090	1780	1460	1160	ALT (3.00° APCH PATH)	



			CATEGORY	A	B	C	D
			LPV	1021	(250)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1082	(311)		1
			LNAV	1160	(389)		1¼
'Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 06

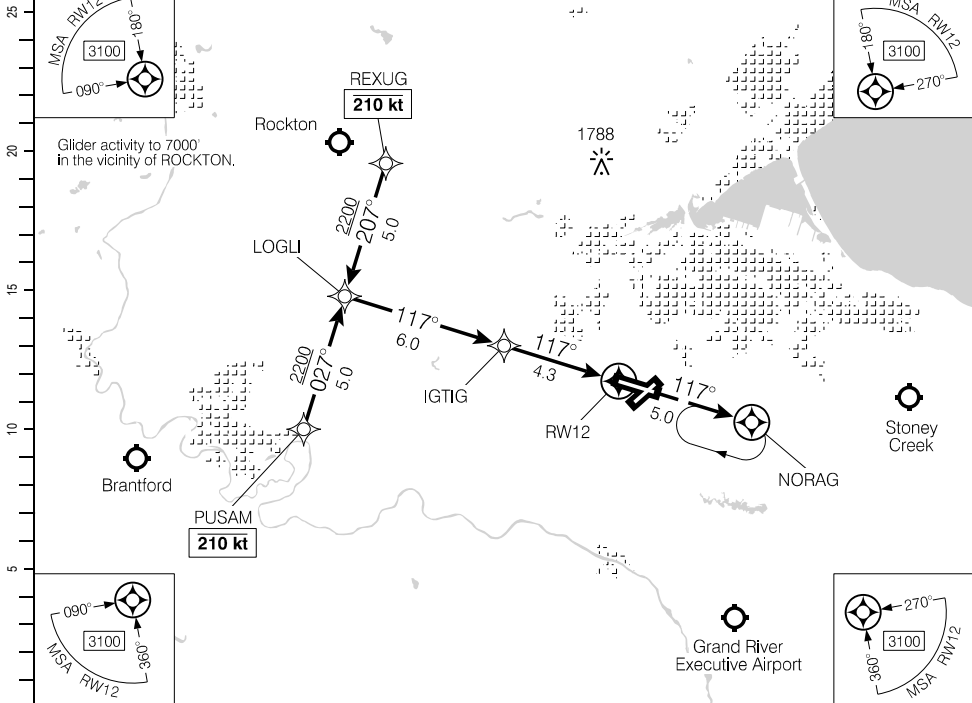
CYHM

EFF 10 AUG 23

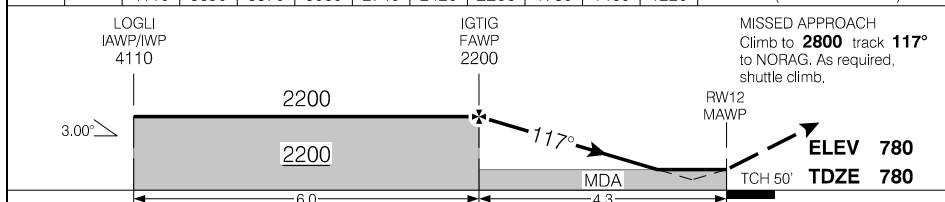
RNAV (GNSS) Z RWY 12

431025N 0795606W VAR 10°W

ATIS - 128.1	CTR Toronto - 119.7	TWR - 125.0	GND - 121.6	TDZL
SAFE ALT 100 NM 4900	WAAS Ch 80789 W12A	APCH CRS 117°	MIN ALT IGTIG 2200	LDA 8398



(NM)	10.3	9	8	7	6	5	4.3	3	2	1.2	DIST FROM RWY12
	4110	3690	3370	3060	2740	2420	2200	1780	1460	1220	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	976	(201)	½ RVR 26	
			LNAV/VNAV (min. -20°C, max. 54°C)	1268	(493)	¼	
			LNAV	1220	(445)	1 RVR 50	
'Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 12

CYHM

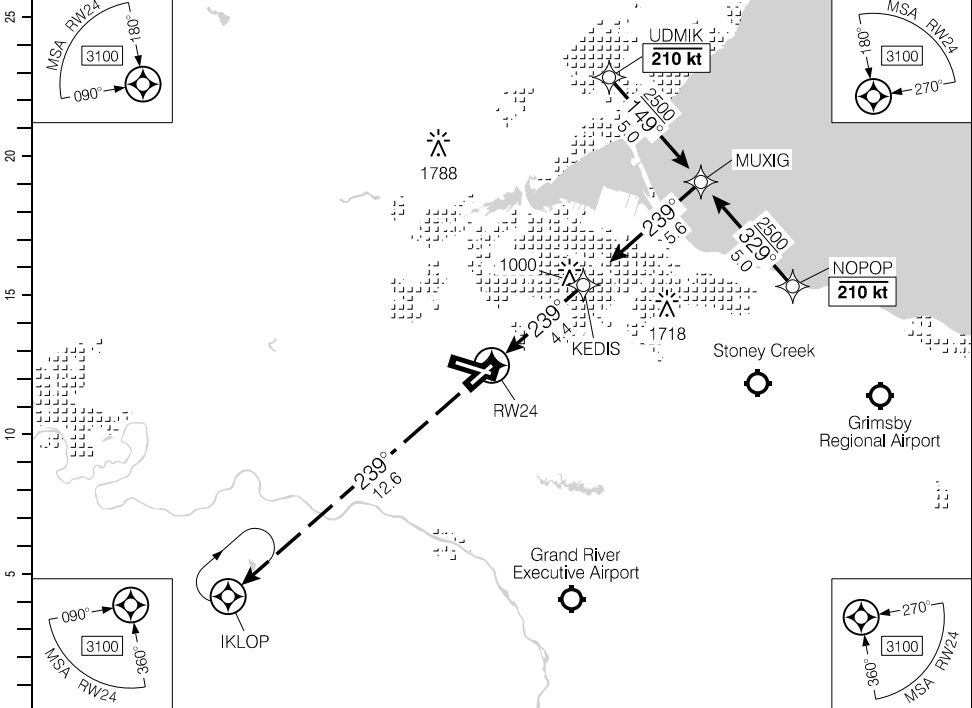
EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Z RWY 24

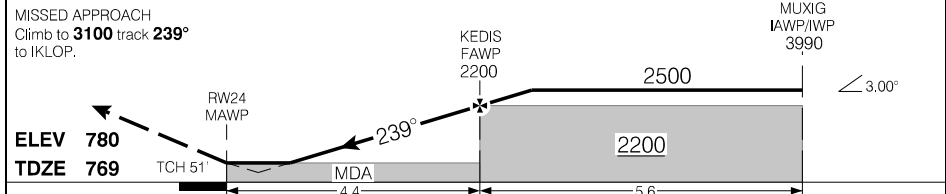
431025N 0795606W VAR 10°W

ATIS - 128.1		CTR Toronto - 119.7		TWR - 125.0		GND - 121.6		(P) 2.0	
SAFE ALT 100 NM 4900		WAAS Ch 80452 W24A		APCH CRS 239°		MIN ALT KEDIS 2200			LDA 6010



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW24	1.1	2	3	4	5.3	6	7	8	9	10		
ALT (3.00° APCH PATH)	1160	1440	1760	2080	2500	2720	3040	3350	3670	3990		



			CATEGORY	A	B	C	D
			LPV	1017	(262)		1
			RNAV/VNAV (min. -20°C, max. 54°C)	1039	(284)		1
			RNAV	1160	(405)		1¼
'Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 24

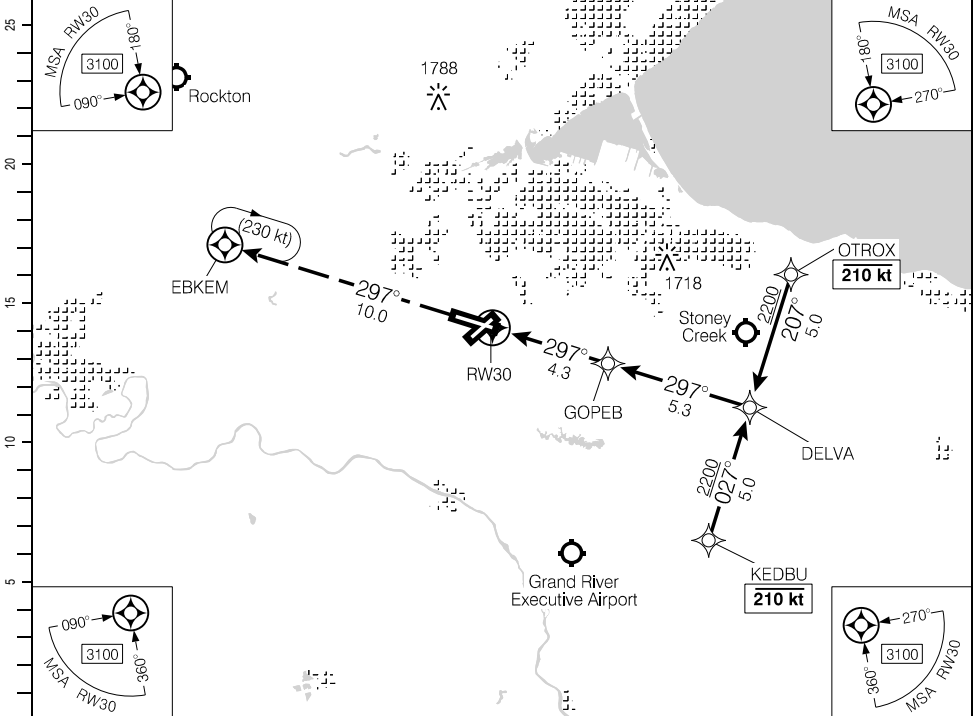
CYHM

EFFECT 10 AUG 23

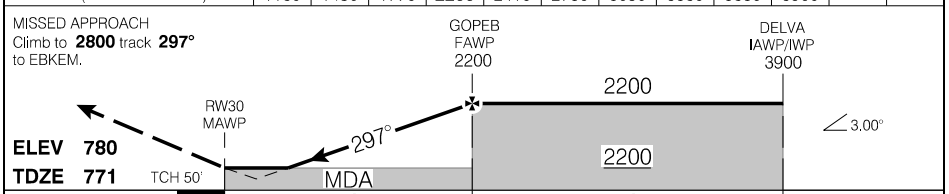
RNAV (GNSS) Z RWY 30

431025N 0795606W VAR 10°W

ATIS – 128.1	CTR Toronto – 119.7	TWR – 125.0	GND – 121.6	
SAFE ALT 100 NM 4900	WAAS Ch 80453 W30A	APCH CRS 297°	MIN ALT GOPEB 2200		LDA 10006



(NM)	DIST FROM RW30	1.1	2	3	4.3	5	6	7	8	9	9.7		
	ALT (3.00° APCH PATH)	1160	1450	1770	2200	2410	2730	3050	3360	3680	3900		



			CATEGORY	A	B	C	D
			LPV	1016	(251)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1073	(308)		1
			LNAV	1160	(395)		1¼
'Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 30

CYHM

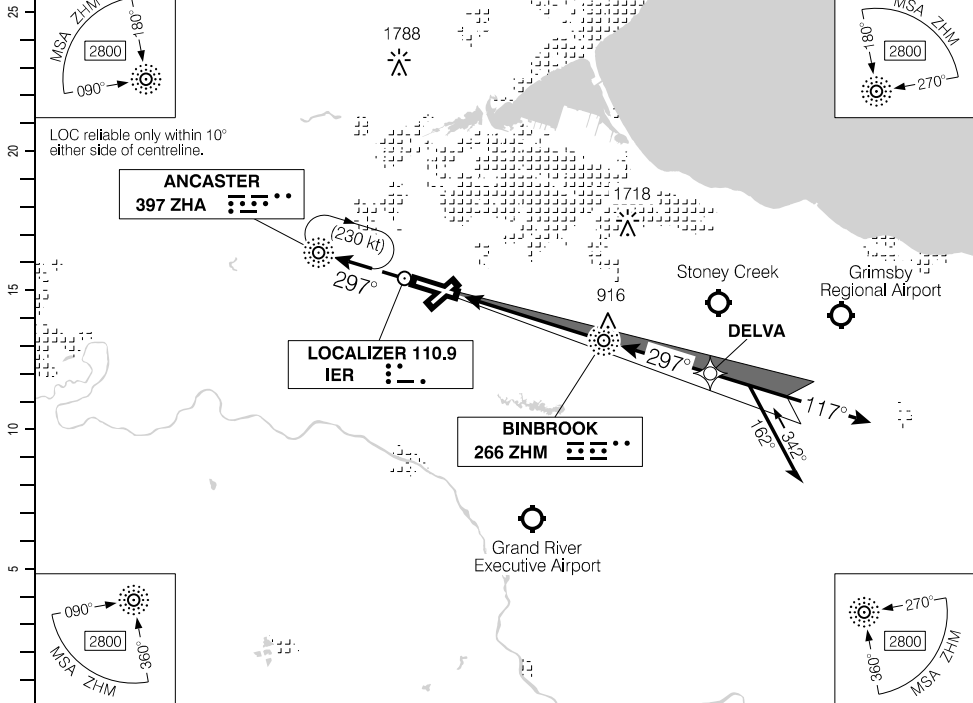
EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

LOC or NDB RWY 30

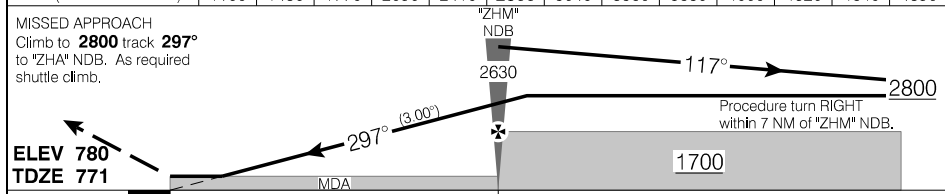
431025N 0795606W VAR 10°W

ATIS – 128.1	CTR Toronto – 119.7	TWR – 125.0	GND – 121.6	
SAFE ALT 100 NM 4900	LOC IER 110.9	APCH CRS 297°	MIN ALT ZHM 1700		LDA 10006



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM MAP	0.9	2	3	4	5	6.2	7	8	9	10	11	12	12.7
	ALT (3.00° APCH PATH)	1100	1450	1770	2090	2410	2800	3040	3360	3680	4000	4320	4640	4890



		MDA	5.7				
		2800					1700
		CATEGORY	A	B	C	D	
		LOC	1100	(329)	1		
"ZHM" NDB to MAP 5.7 NM		NDB	1240	(469)	1½		
'Knots	ft/min	Min:Sec					
70	370	4:53					
90	480	3:48					
110	580	3:07					
130	690	2:38					
150	800	2:17					

LOC or NDB RWY 30

EFF 10 AUG 23

Departure Route Description

All rwys: Maintain **3000**.

Rwy 06: Climb hdg **059°** to **3000**. Expect radar vectors to assigned route.

Rwy 12: Climb "ZHM" NDB track **117°** to **3000**. Expect radar vectors to assigned route.

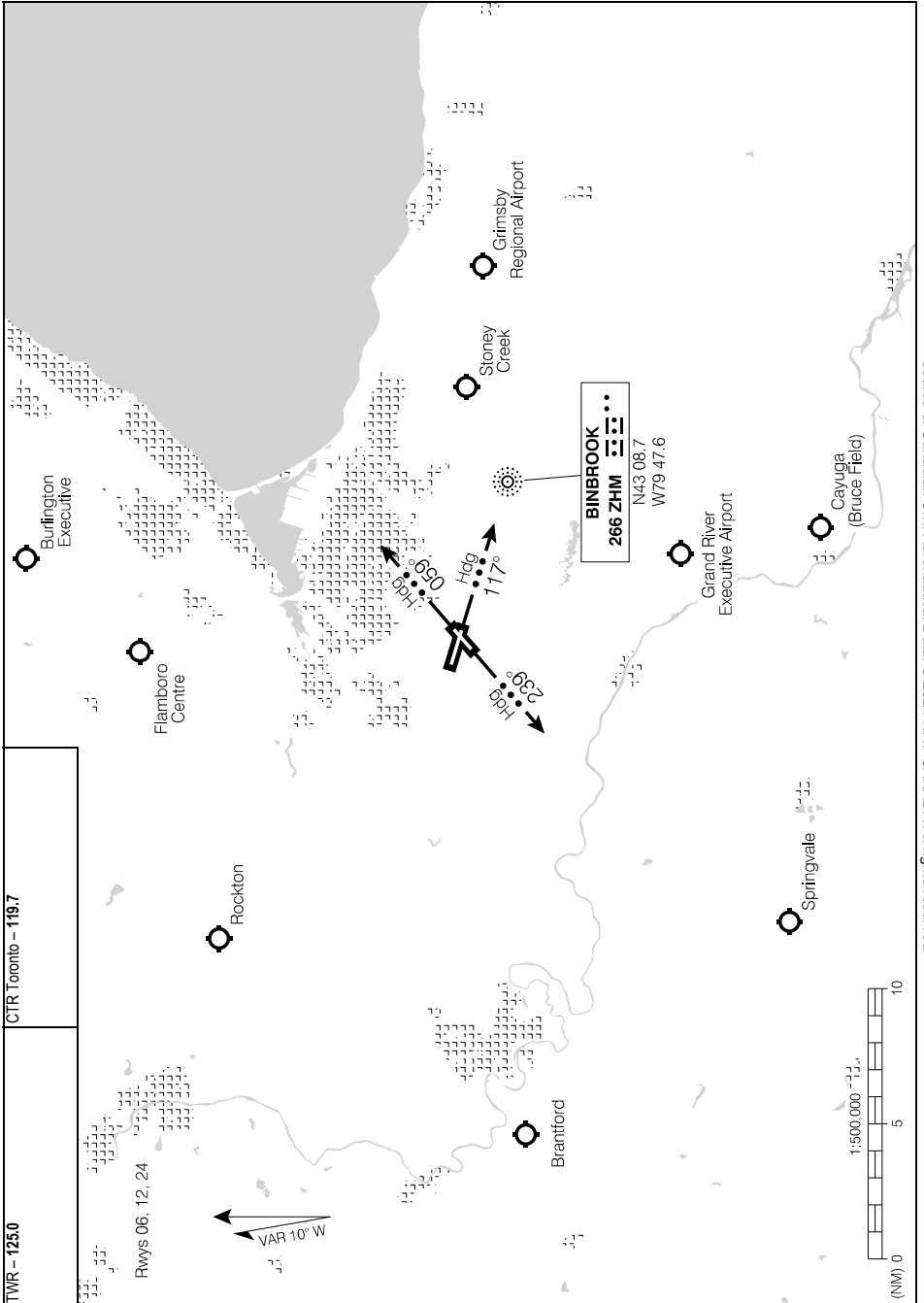
Rwy 24: Climb hdg **239°** to **3000**. Expect radar vectors to assigned route.

NOTE: Noise abatement procedures in effect.

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600.
2. Proceed directly on course.
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure.
4. Climb to flight planned altitude.



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

Rwy 30: Climb hdg **297°** to **1300**. Then climbing LEFT turn hdg **260°** to **4000**.
Expect radar vectors to assigned route. Maintain **4000**.

NOTE: Noise abatement procedures in effect.

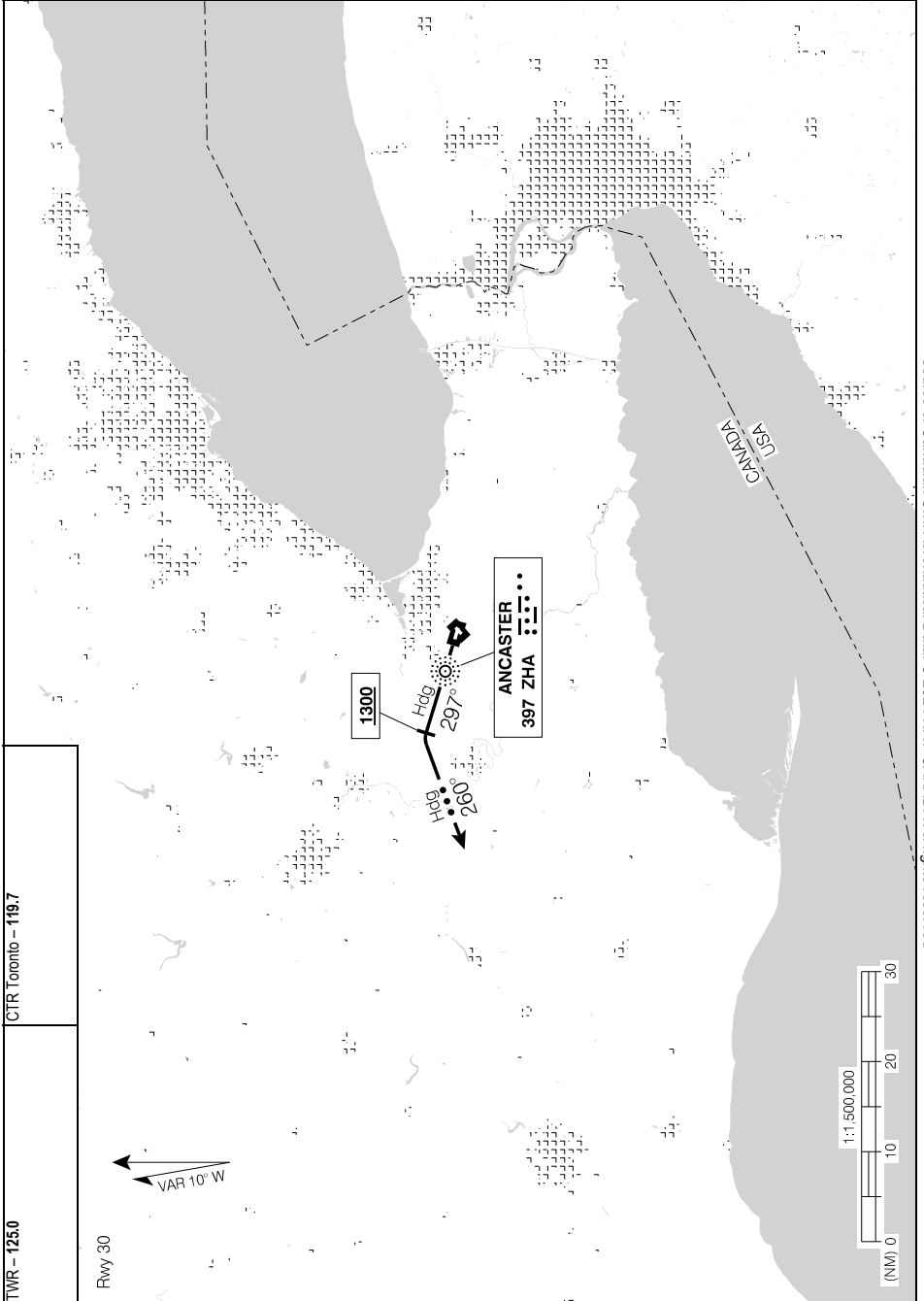
Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure;
4. Climb to flight planned altitude.

SID (VECTOR)
MUNRO TWO DEP (MUNR2.)

HAMILTON, ON
CYHM



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 1250

Rwy 30

VAR 10° W

1:1,500,000
(NM) 0 10 20 30

MUNRO TWO DEP (MUNR2.)
EFF 30 JAN 20

CYHM

NOISE ABATEMENT PROCEDURES

General

Pursuant to CAR 602.105, the following procedures apply at Hamilton Airport.

Departure

Rwy	NADP
All rwys	1 or 2

Departures not permitted on rwy 06, between 2300 and 0700 local time unless authorized by Airport Duty Manager.

Rwy 12:

Climb on track of **117°** till "ZHM" NDB and **3000'** ASL.

Rwy 30:

Climb on rwy hdg to **1300'** ASL. Turn left hdg **260°** till abeam "ZHA" NDB.
No right turn below **4000'** ASL.

Rwys 06, 24:

Climb on rwy hdg to **3000'** ASL before proceeding on course.

Arrival

Arrivals not permitted on, and approaches not permitted to, rwy 24, between 2300 and 0700 local time unless authorized by the Airport Duty Manager.

Visual Arrivals:

- Aircraft 26,000 kg and over (max cert gross take-off weight) maintain **3000'** ASL over the Minimum Altitude Area (depicted on the VTPC) and North of rwy 12/30 except on final apch to rwy 24, after takeoff from rwy 06, or circling to land after conducting an instrument approach procedure.
- Remain on or above ILS glide slope or assumed 3° glide path.

Reverse Thrust

Consistent with safety of operations, pilots should minimize reverse thrust when using rwys 12 and 30.

Training Flights

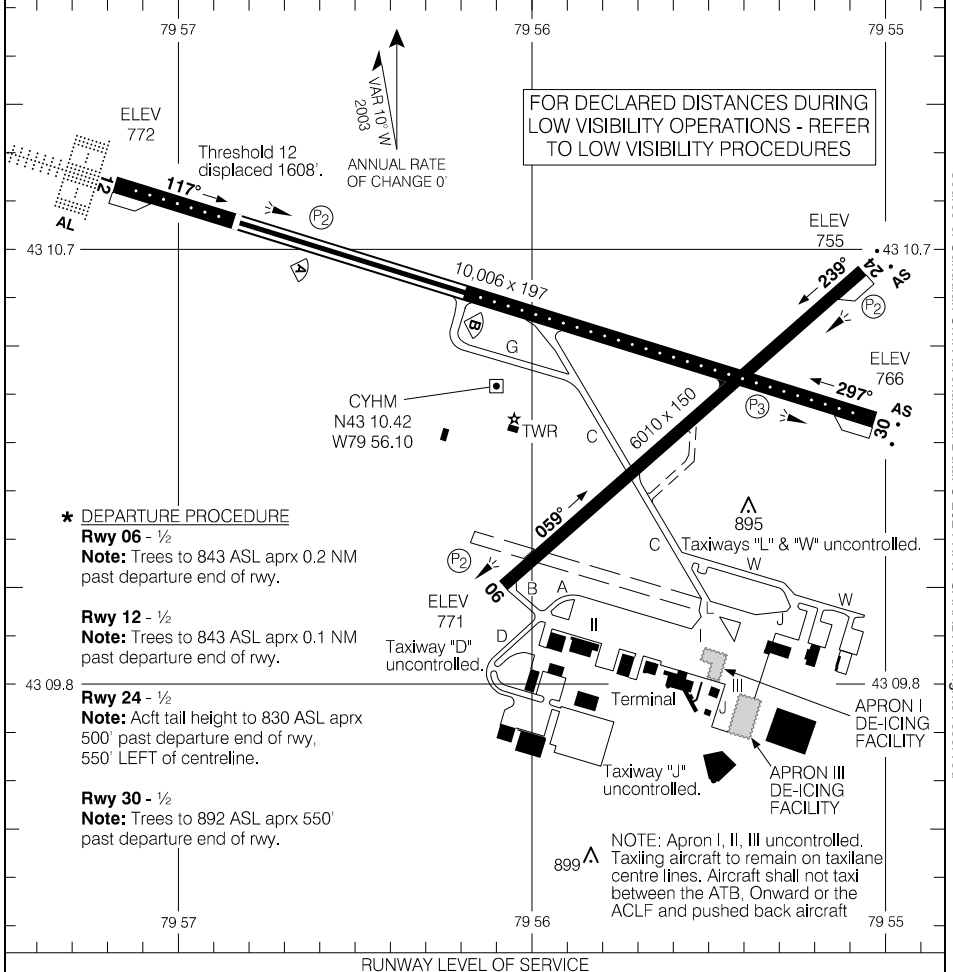
Training flights not permitted between 2300 and 0700 local time unless authorized by the Airport Duty Manager.

Inquiries

Contact the Airport Duty Manager at 905-667-8781 between the hours of 0900 and 1700 local time, or after hours to request authorization for exemption to the noise abatement procedures.

AERODROME CHART

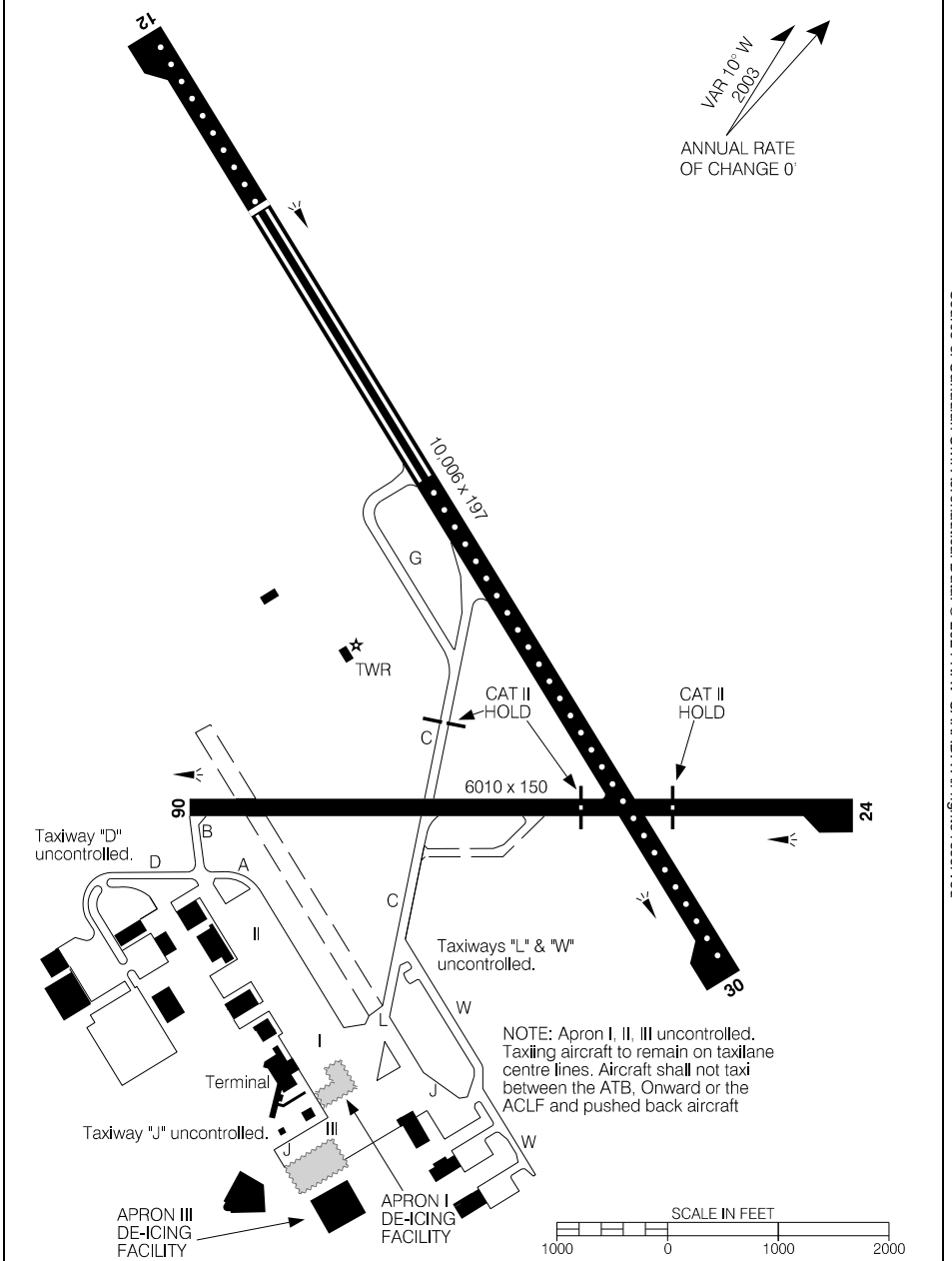
ATIS - 128.1		GND - 121.6			TWR - 125.0		CTR Toronto - 119.7	
DECL	DISTS	06	24	12	30			
TORA		6010	6010	10006	10006			
TODA		6994	6994	10990	10395			
ASDA		6010	6010	10006	10006			
LDA		6010	6010	8398	10006			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAXI CHART

ATIS - 128.1	GND - 121.6	TWR - 125.0
--------------	-------------	-------------



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAXI CHART

EFF 23 FEB 23

CYHM

LOW VISIBILITY PROCEDURES

Low Visibility Procedures (Less than RVR 1200 to RVR 600)**Application**

These procedures apply to ground movements of aircraft departing under low visibility conditions. Departures below RVR 600 are not authorized. When weather conditions indicate visibility below RVR 1200 is imminent, procedures will be implemented restricting aircraft and vehicle operations on the movement area. The following message will be added to the ATIS broadcast.
“LOW VISIBILITY PROCEDURES IN EFFECT”

General**Low Visibility Taxi Routes**

Taxi routes during low visibility operations are exclusive to the following routes:

1. Route 1 – Taxiway C
2. Route 2 – Taxiway B, rwy 06, taxiway C.
3. Taxiway surfaces are painted with enhanced yellow and black centreline markings. Aircraft restricted to one movement in or out at any time during low visibility operations. Alternate routing may be specified by ATC as required.

ATC may find it necessary to suspend, restrict, or terminate low visibility operations.

Departures

When low visibility procedures are in effect all departures shall be from the displaced threshold of rwy 12. Intersection take-offs are not authorized.

Declared Distances from displaced threshold of rwy 12

TORA 8400

TODA 9400

ASDA 8400

Sequencing of Aircraft Ground Movements for Take-off.

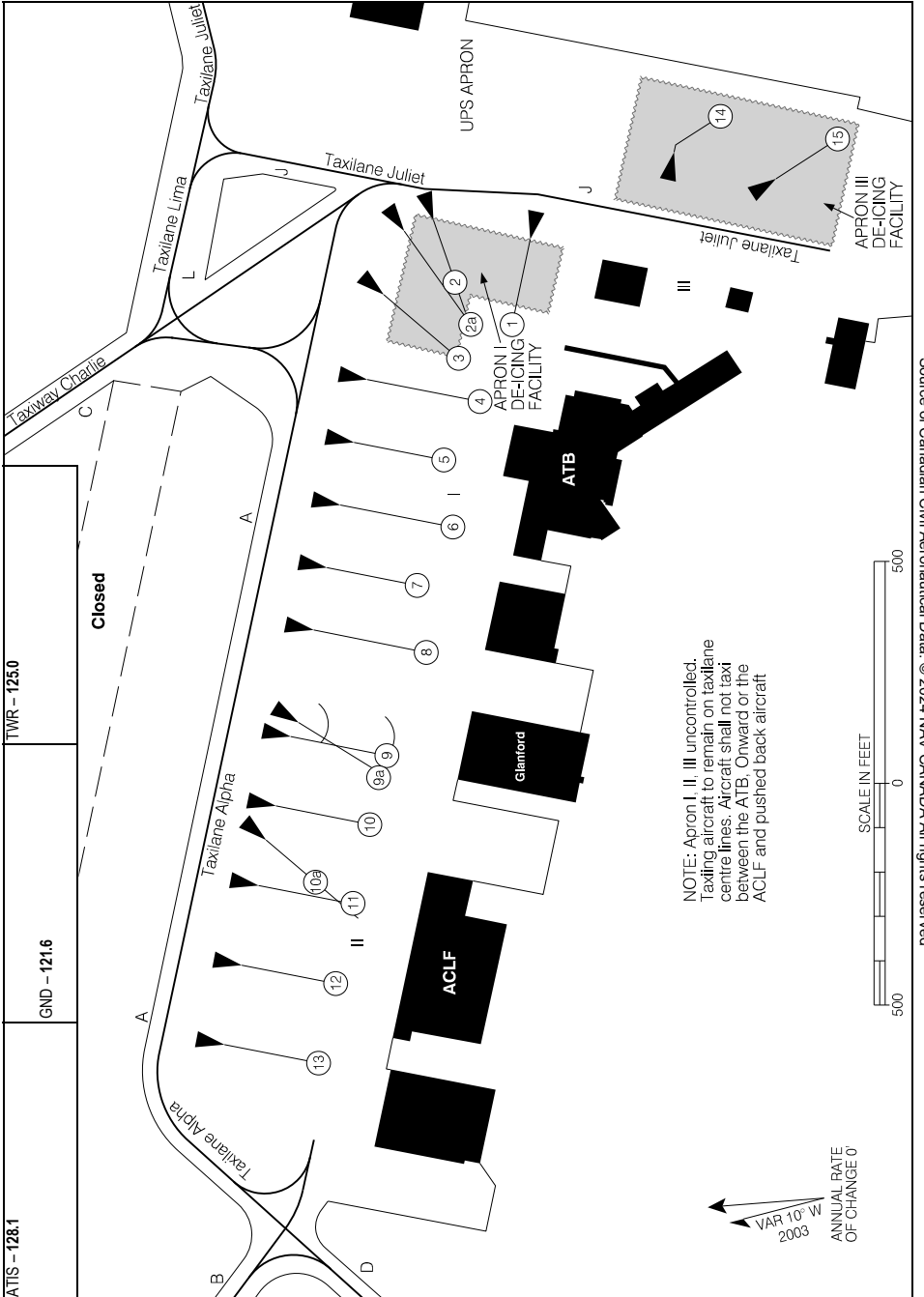
Do not request taxi clearance until the reported RVR is greater than:

Aircraft/Pilot Take-off Minima	Minimum RVR for Start
1200 RVR	1000 RVR
600 RVR	600 RVR

Arrivals

Taxi route will be specified by ATC.

PARKING AREAS



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PARKING AREAS

EFF 23 FEB 23

CYHM

PARKING AREAS

Aircraft Parking Position

Position	Coordinates	Position	Coordinates
1	430949.20N 0795529.86W	9	430954.03N 0795543.36W
2	430950.45N 0795529.28W	9A	430953.41N 0795543.61W
2A	430950.48N 0795529.77W	10	430954.15N 0795545.67W
3	430950.94N 0795530.89W	10A	430954.15N 0795548.33W
4	430950.70N 0795532.63W	11	430954.71N 0795548.14W
5	430951.63N 0795534.37W	12	430955.27N 0795550.61W
6	430951.58N 0795536.52W	13	430955.84N 0795553.08W
7	430952.52N 0795538.25W	14	430945.56N 0795526.30W
8	430952.47N 0795540.41W	15	430943.69N 0795527.05W

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PARKING AREAS

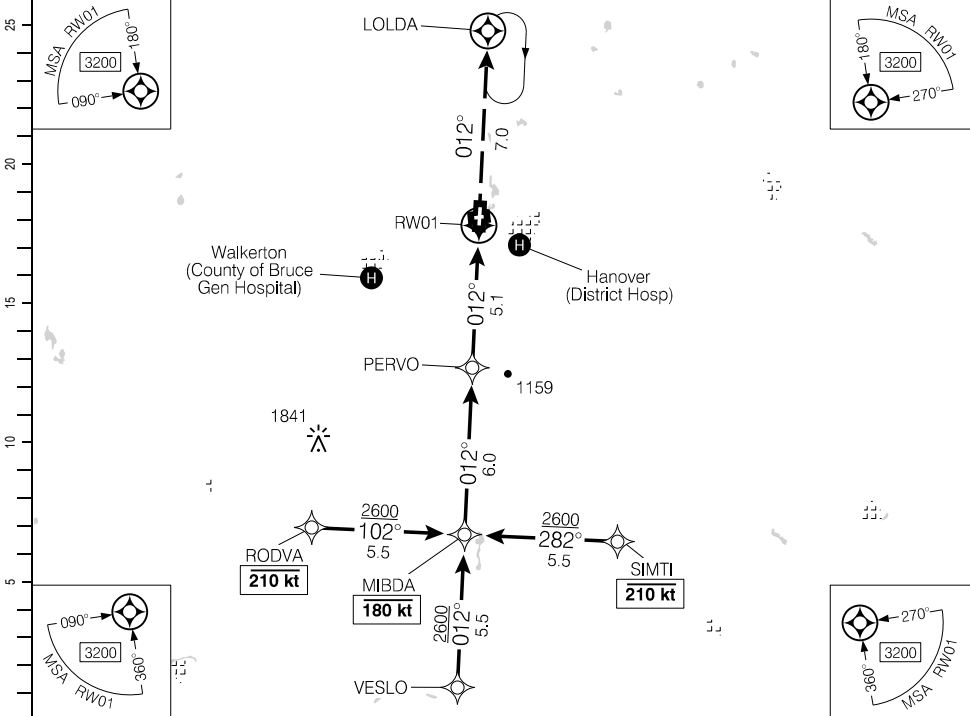
EFF 23 FEB 23

CYHM

RNAV (GNSS) RWY 01

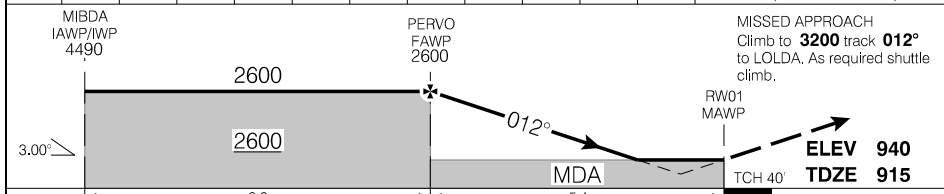
440929N 0810348W VAR 9°W

CTR Toronto – 132.57		UNICOM – 122.8			ARCAL 122.8(J)
SAFE ALT 100 NM 3300	WAAS Ch 80683 W01A	APCH CRS 012°	MIN ALT PERVO 2600	LDA 4001	ATF



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	11.1	10	9	8	7	6	5.1	4	3	2	1.5	DIST FROM RW01	
	4490	4130	3810	3490	3180	2860	2600	2220	1900	1580	1420	ALT (3.00° APCH PATH)	



RASS: Use CYOS. When using CYVV add 40°.				CATEGORY	A	B	C	D
				LPV	1230	(324)	1¼	
				LNAV	1420	(514)	1½	
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

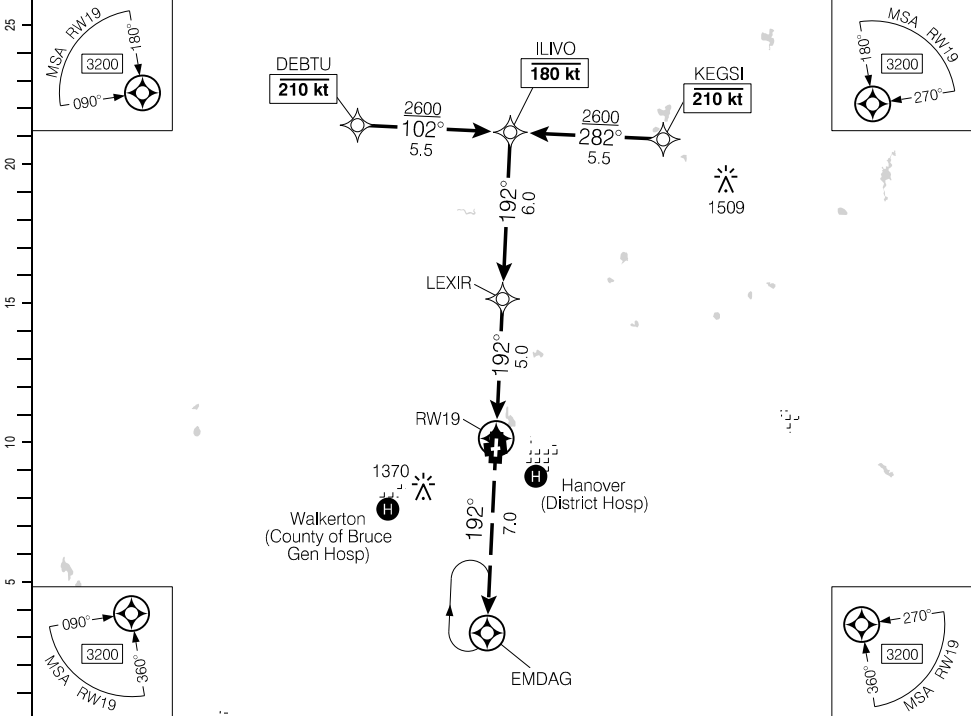
RNAV (GNSS) RWY 01

EFF 25 JAN 24

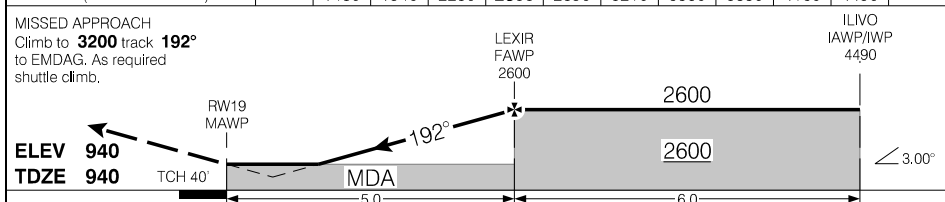
RNAV (GNSS) RWY 19

440929N 0810348W VAR 9°W

CTR Toronto – 132.57		UNICOM – 122.8			ARCAL 122.8(J)
SAFE ALT 100 NM 3300	WAAS Ch 80684 W19A	APCH CRS 192°	MIN ALT LEXIR 2600	LDA 4001	ATF



DIST FROM RWY19	1.6	3	4	5.0	6	7	8	9	10	11
ALT (3.00° APCH PATH)	1480	1940	2250	2600	2890	3210	3530	3850	4160	4490



RASS: Use CYOS. When using CYVV add 40'.				CATEGORY	A	B	C	D
				LPV	1264	(324)	1¼	
				RNAV	1480	(540)	1¼	
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 19

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE

Departure Procedure**Rwy 01 – ½:**

Note: Trees to 965 ASL abeam departure end of rwy, 410' LEFT of rwy centreline. Powerpole to 979 ASL abeam departure end of rwy, 430' RIGHT of rwy centreline. Trees to 981 ASL aprx 0.1 NM past departure end of rwy, 200' RIGHT of rwy centreline.

Rwy 09 – ½: Requires a minimum climb gradient of **250 ft/NM to 1400**.

Note: Powerline and trees to 956 ASL aprx 0.1 NM past departure end of rwy. Trees to 1011 ASL aprx 0.6 NM past departure end of rwy, 590' RIGHT of rwy centreline.

or

SPEC VIS - Climb in visual conditions to cross the aprt at or above **1700 BPOC**.

Rwy 19 – ½:

Note: Trees to 936 ASL abeam departure end of rwy, 440' LEFT of rwy centreline. Trees to 932 ASL aprx 0.2 NM past departure end of rwy, 160' LEFT of rwy centreline.

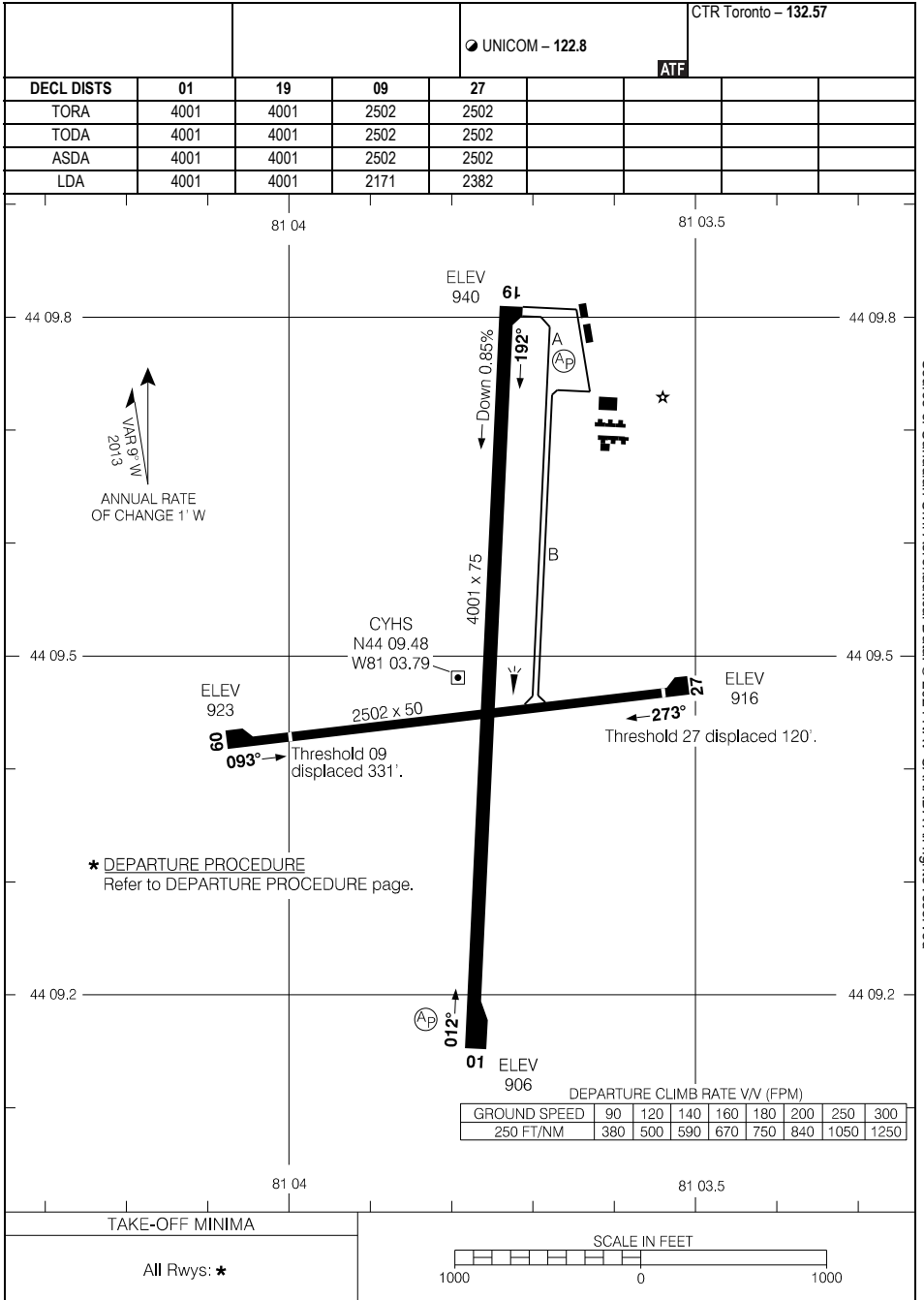
Rwy 27 – ½:

Note: Trees to 968 ASL abeam departure end of rwy, 460' LEFT of rwy centreline. Trees to 995 ASL aprx 0.3 NM past departure end of rwy, 660' RIGHT of rwy centreline. Trees to 1011 ASL aprx 0.6 NM past departure end of rwy, 1410' RIGHT of rwy centreline.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250

AERODROME CHART



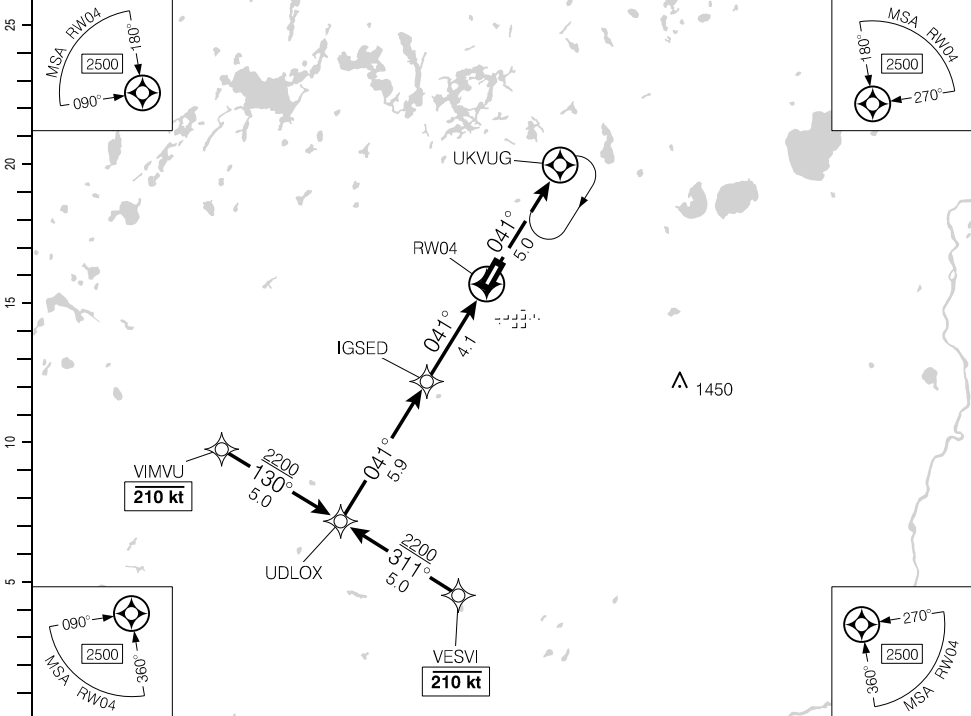
AERODROME CHART

EFF 25 JAN 24

CYHS

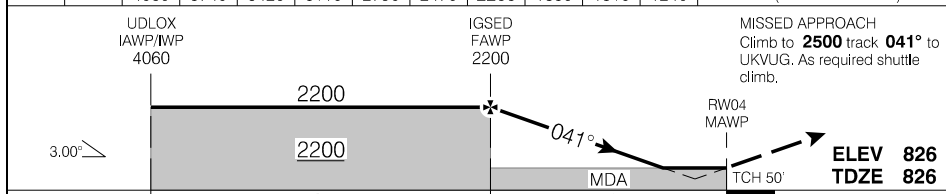
RNAV (GNSS) RWY 04

RADIO London – 126.7 DR00		UNICOM – 122.8 (AU)			ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		WAAS Ch 80879 W04A	APCH CRS 041°	MIN ALT IGSED 2200	LDA 4495	AS



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5	4.1	3	2	1.1	DIST FROM RW04	
	4060	3740	3420	3110	2790	2470	2200	1830	1510	1240	ALT (3.00° APCH PATH)	



UDLOX IAWP/IWP 4060			IGSED FAWP 2200				MISSED APPROACH Climb to 2500 track 041° to UKVUG. As required shuttle climb.							
3.00°			2200				RW04 MAWP							
5.9			4.1				TCH 50'							
ELEV 826			TDZE 826											
RASS: When using CYYU add 130'.			CATEGORY		A		B		C		D			
			LPV		1076 (250)		1		1326 (500)		1½			
			LNAV		1240 (414)		1½		1340 (514)		1½			
Knots			ft/min			Min:Sec								
70			370											
90			480											
110			580											
130			690											
150			800											

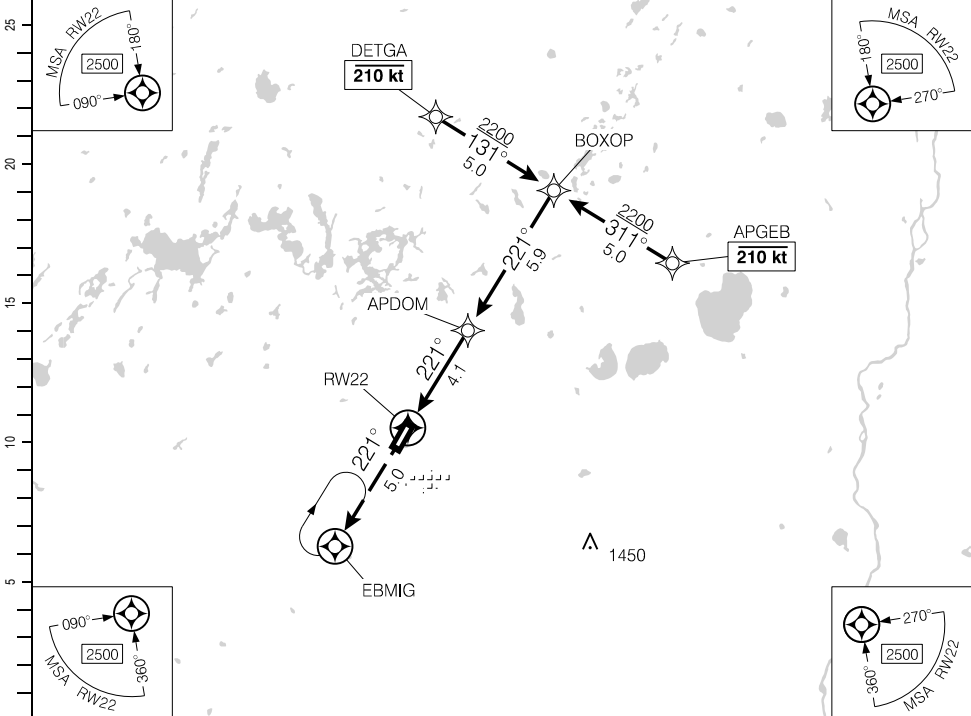
RNAV (GNSS) RWY 04

CYHF

EFF 25 JAN 24

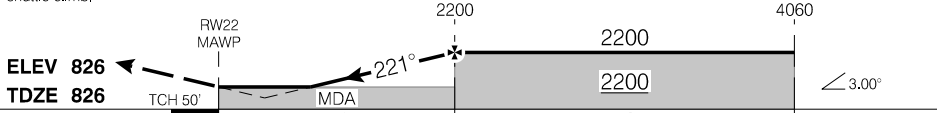
RNAV (GNSS) RWY 22

RADIO London – 126.7 DR00		UNICOM – 122.8 (AU)			ARCAL 122.8(K)
SAFE ALT 100 NM 3400	WAAS Ch 80880 W22A	APCH CRS 221°	MIN ALT APDOM 2200	LDA 4495	P1



DIST FROM RW22	1.6	2	3	4.1	5	6	7	8	9	10		
ALT (3.00° APCH PATH)	1380	1510	1830	2200	2470	2790	3110	3420	3740	4060		

MISSED APPROACH
Climb to **2500** track **221°**
to EBMIG. As required
shuttle climb.



RASS: When using CYYU add 130'.				CATEGORY	A	B	C	D
				LPV	1076 (250)	1	1326 (500)	1¼
				LNAV	1380 (554)		1¼	
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 22

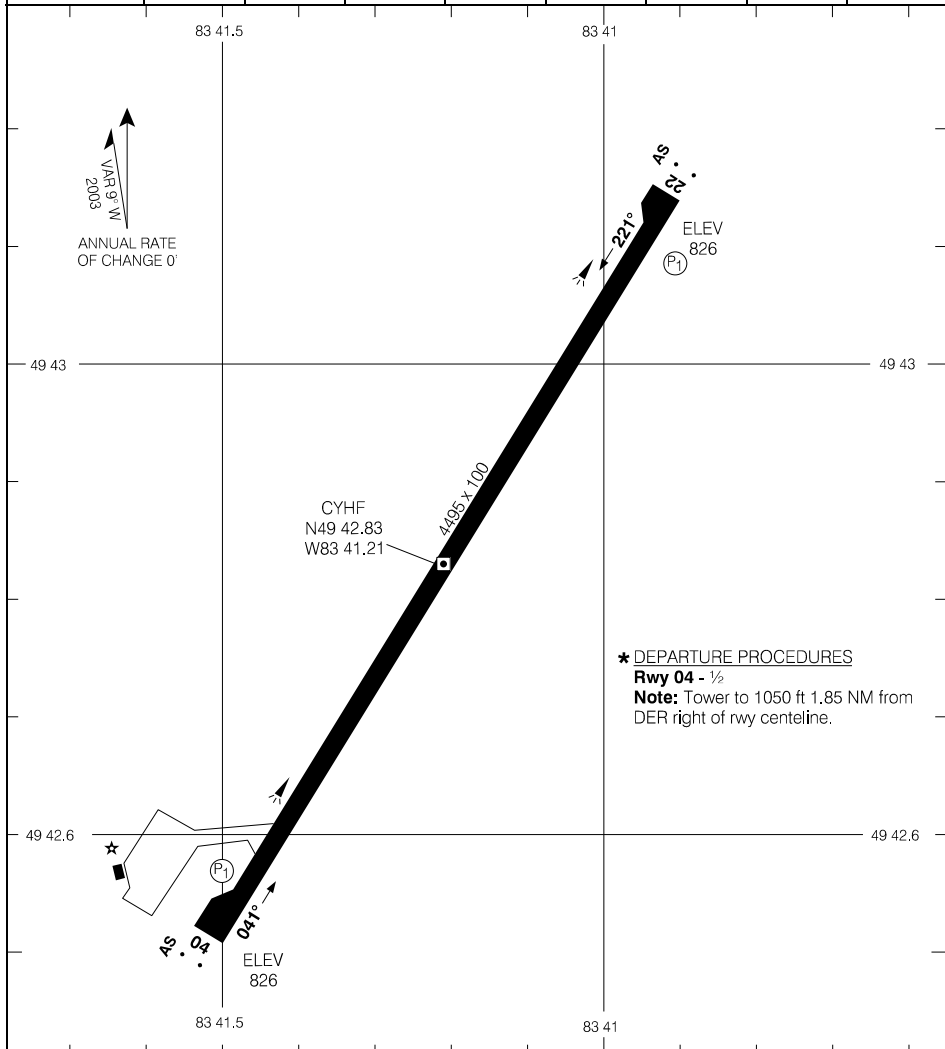
CYHF

EFF 25 JAN 24

AERODROME CHART

		UNICOM - 122.8 (AU)		RADIO London - 126.7 DRCO	
				ATF	

DECL DIST	04	22					
TORA	4495	4495					
TODA	4495	4495					
ASDA	4495	4495					
LDA	4495	4495					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwy 04: ★ Rwy 22: 1/5	1000 0 1000

AERODROME CHART

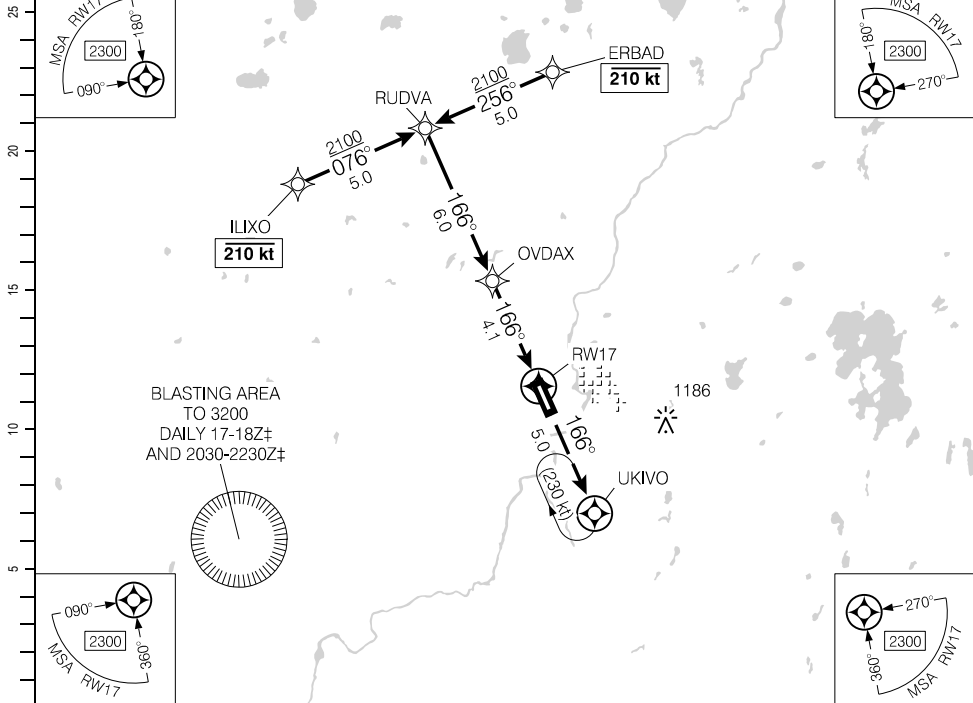
CYHF

EFF 25 JAN 24

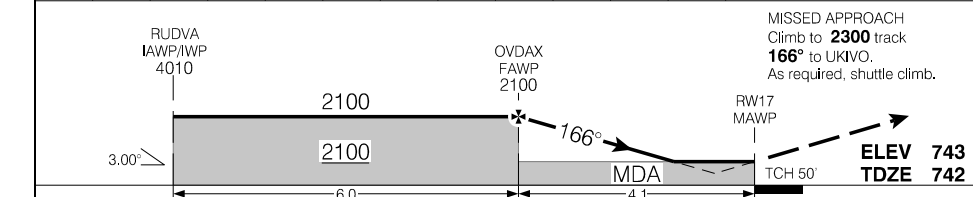
RNAV (GNSS) RWY 17

492442N 0822810W VAR 10°W

CTR Toronto - 132.7		TFC - 122.2			ARCAL 122.2(K)
SAFE ALT 100 NM 3200	WAAS Ch 80864 W17A	APCH CRS 166°	MIN ALT OVDAX 2100	LDA 5506	AO P2



(NM)	10.1	9	8	7	6	5	4.1	3	2	1.4	DIST FROM RWY17
	4010	3650	3330	3010	2700	2380	2100	1740	1420	1240	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	985	(250)		1
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -20°C, max. 54°C)	1206	(471)		1¼
70	370		LNAV	1240	(505)		1½
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 17

CYYU

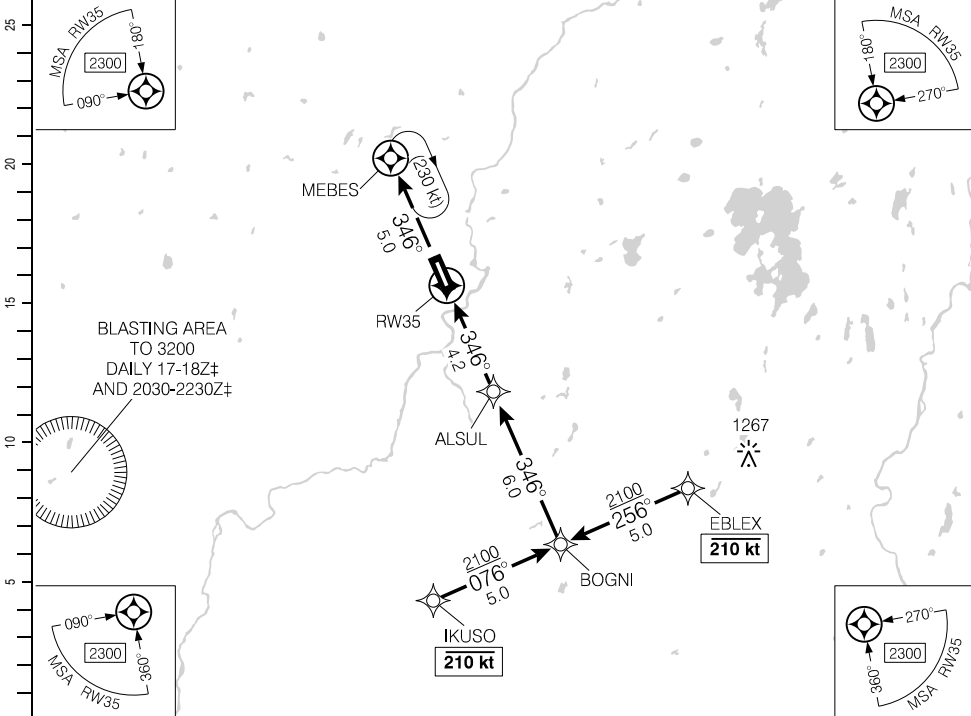
EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 35

492442N 0822810W VAR 10°W

CTR Toronto – 132.7		TFC – 122.2			ARCAL 122.2(K)
SAFE ALT 100 NM 3200	WAAS Ch 80865 W35A	APCH CRS 346°	MIN ALT ALSUL 2100	LDA 5506	MF



DIST FROM RW35	1.0	2	3	4.2	5	6	7	8	9	10.2		
ALT (3.00° APCH PATH)	1100	1410	1730	2100	2370	2680	3000	3320	3640	4010		

MISSED APPROACH
Climb to **2300** track **346°**
to MEBES. As required,
shuttle climb.

ALSUL
FAWP
2100

BOGNI
IAWP/IW/P
4010

ELEV 743
TDZE 730

RW35
MAWP

TCH 50'

MDA

2100

3.00°

			CATEGORY	A	B	C	D
			LPV	974	(250)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	978	(254)		1
Knots	ft/min	Min:Sec	LNAV	1100	(376)		1¼
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 35

CYYU

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE

Departure Procedure

Rwy 17 – ½: Requires a minimum climb gradient of **210 ft/NM to 900.**

or

SPEC VIS – Climb in visual conditions to cross the aprt at or above **1500 BPOC.**

Note: Road to 743 ASL aprx 240' past departure end of rwy, LEFT and RIGHT of rwy centreline.

Trees to 851 ASL aprx 0.1 NM past departure end of rwy, LEFT and RIGHT of rwy centreline.

Rwy 35 – ½:

Note: Railroad to 761 ASL aprx 540' past departure end of rwy, LEFT and RIGHT of rwy centreline.

Trees to 862 ASL aprx 0.1 NM past departure end of rwy, LEFT and RIGHT of rwy centreline.

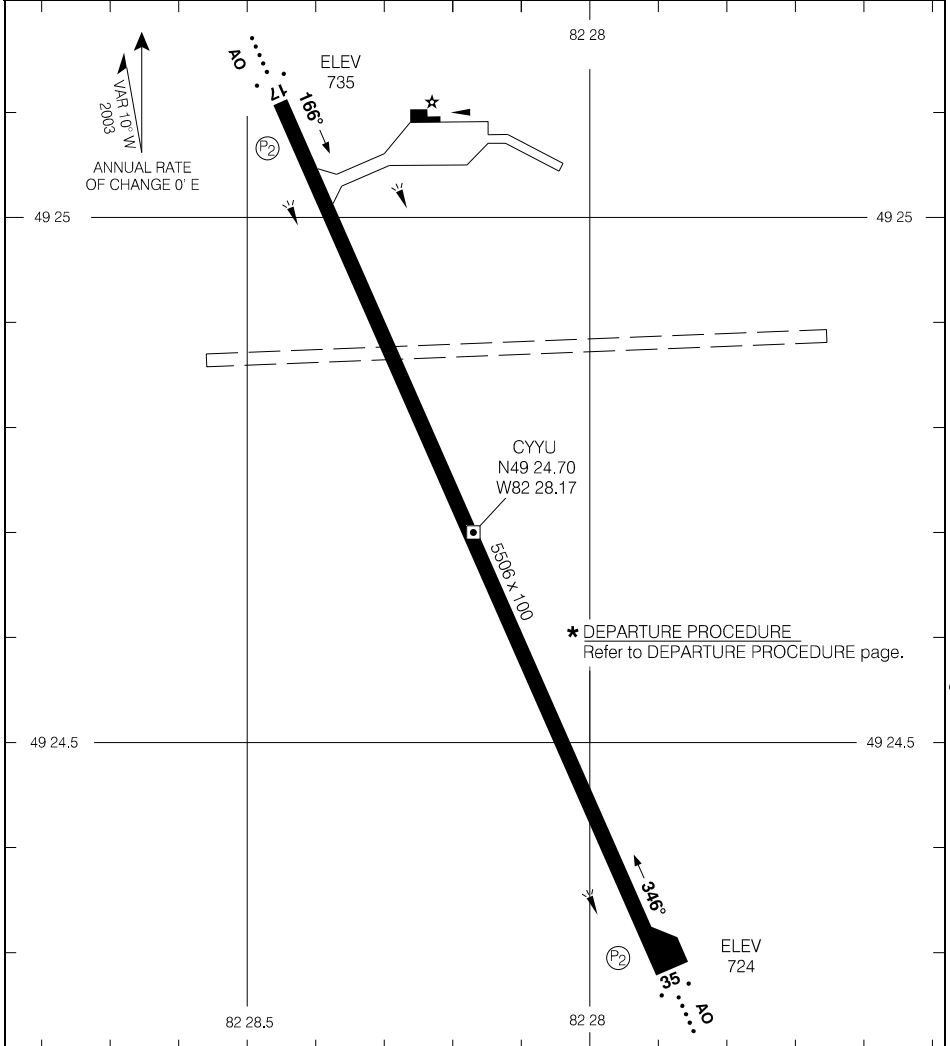
DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
210 FT/NM	320	420	490	560	630	700	880	1050

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				CTR Toronto - 132.7	
		TFC - 122.2		MF	
DECL	DISTS	17	35		
TORA		5506	5506		
TODA		5966	6490		
ASDA		5506	5506		
LDA		5506	5506		



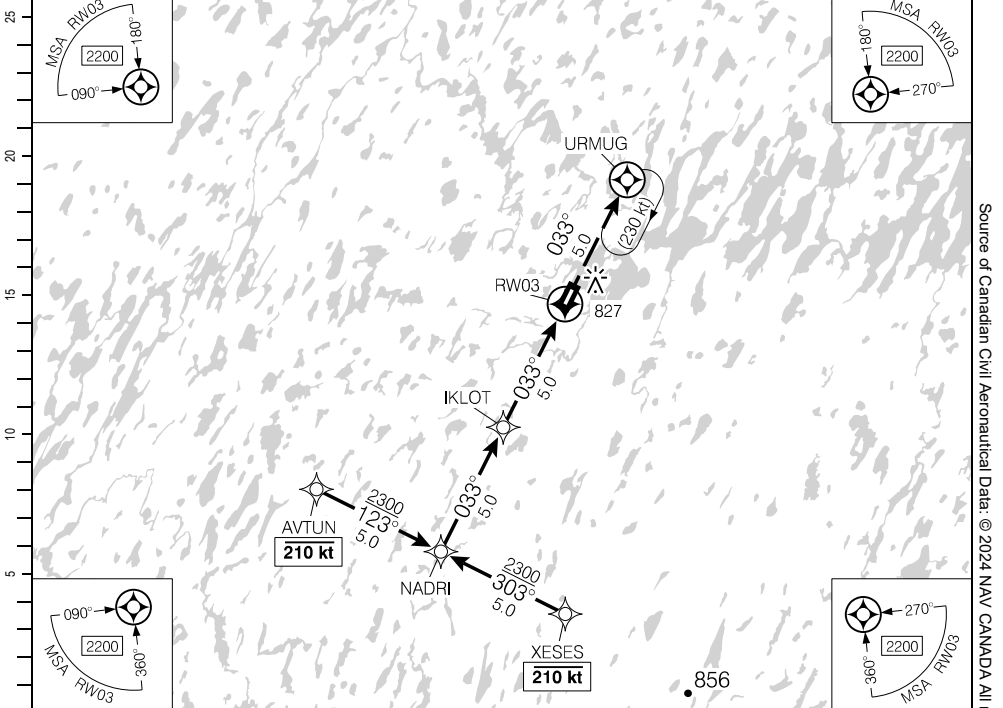
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 17, 35: *	1000 0 1000

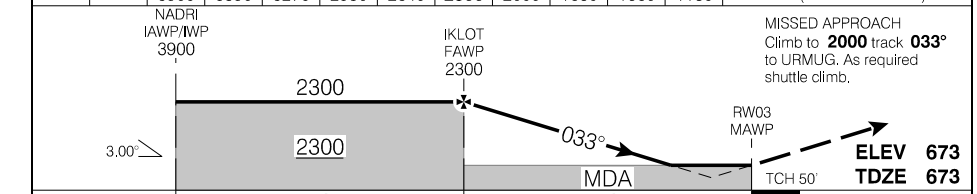
RNAV (GNSS) RWY 03

533129N 0883835W VAR 6°W

		TFC - 123.2		ATF		ARCAL 123.2(K)
SAFE ALT 100 NM 2600	WAAS Ch 81054 W03A	APCH CRS 033°	MIN ALT IKLOT 2300	LDA 3519		AP 4



(NM)	10	9	8	7	6	5.0	4	3	2	1.4	DIST FROM RW03
	3900	3590	3270	2950	2640	2300	2000	1680	1360	1180	ALT (3.00° APCH PATH)



RASS: Use CYTL.			CATEGORY	A	B	C	D
			LPV	1173	(500)		1¼
			LNAV	1180	(507)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 03

CYAQ

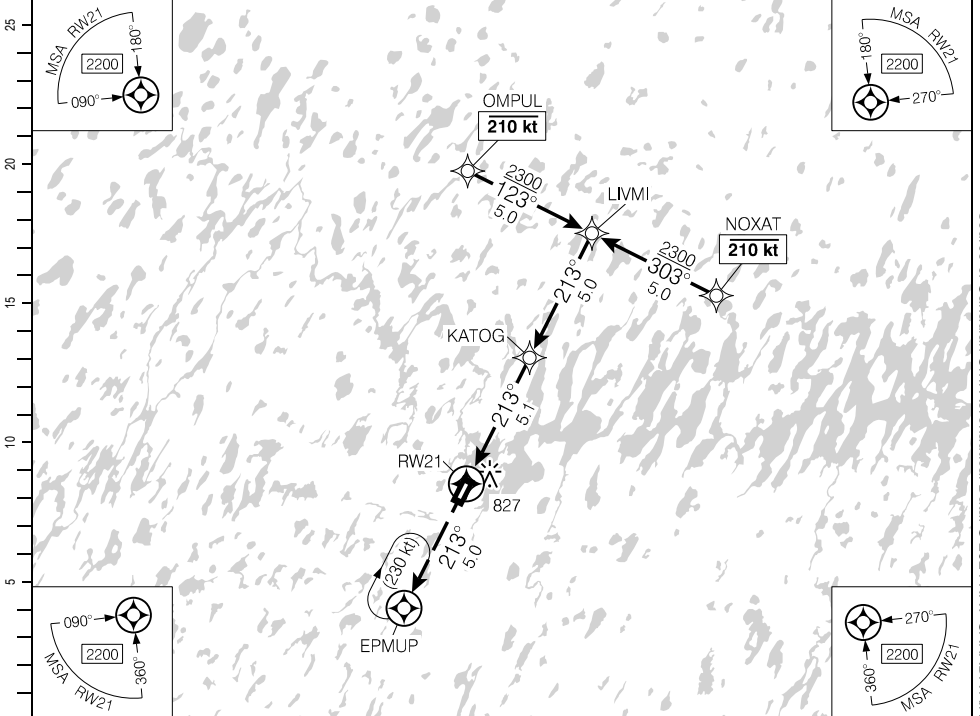
EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

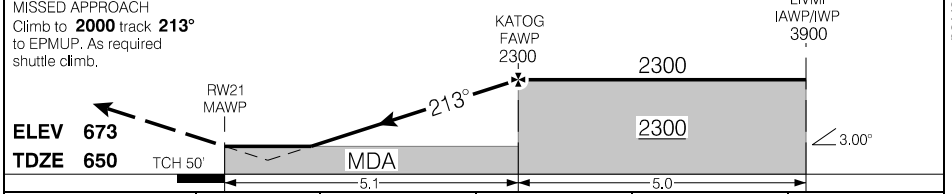
RNAV (GNSS) RWY 21

533129N 0883835W VAR 6°W

		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2600		WAAS Ch 81055 W21A		APCH CRS 213°		MIN ALT KATOG 2300	
				LDA 3519		AS	



(NM)	DIST FROM RW21	1.5	3	4	5.1	6	7	8	9	10.1	
	ALT (3.00° APCH PATH)	1160	1640	1960	2300	2600	2920	3240	3550	3900	



RASS: Use CYTL.			CATEGORY	A	B	C	D
			LPV	1135	(500)		1¼
			LNAV	1160	(525)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 21

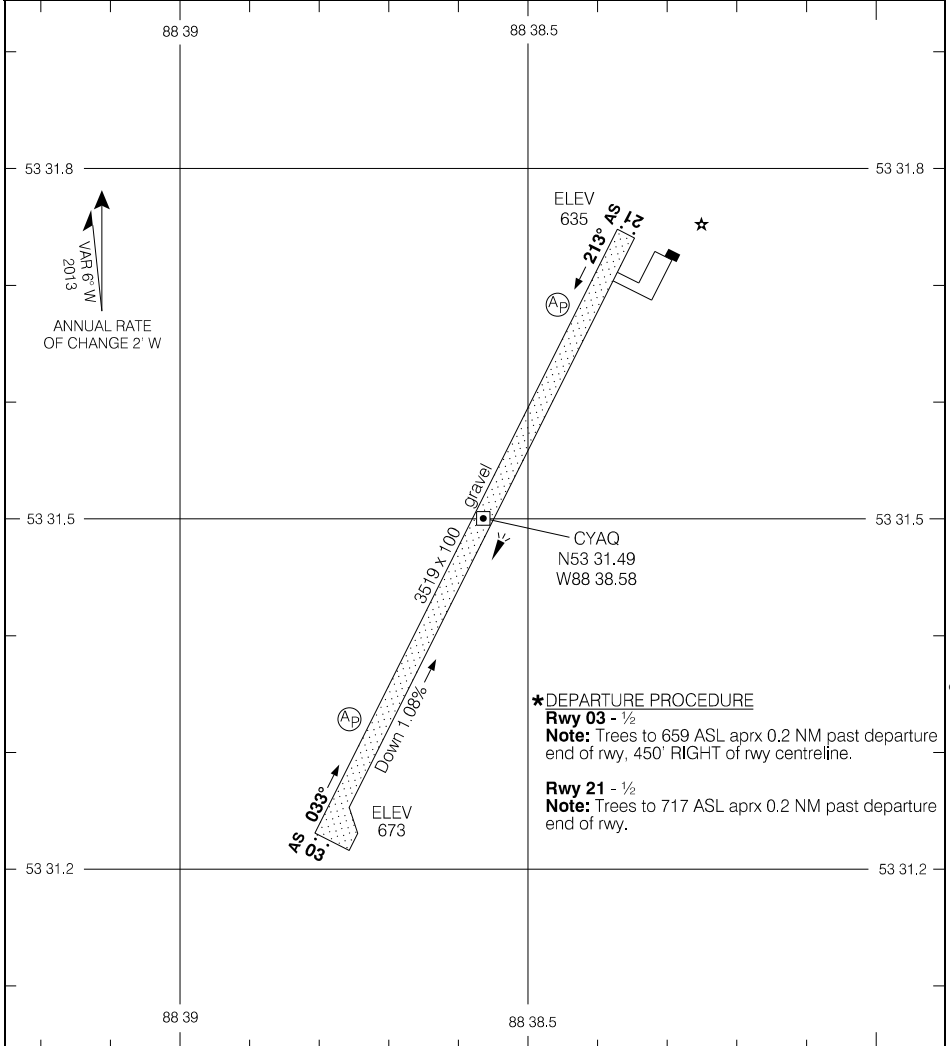
CYAQ

EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 123.2		ATF	
DECL DISTS	03	21					
TORA	3519	3519					
TODA	4503	4503					
ASDA	3519	4319					
LDA	3519	3519					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA

Rwys 03; 21: *

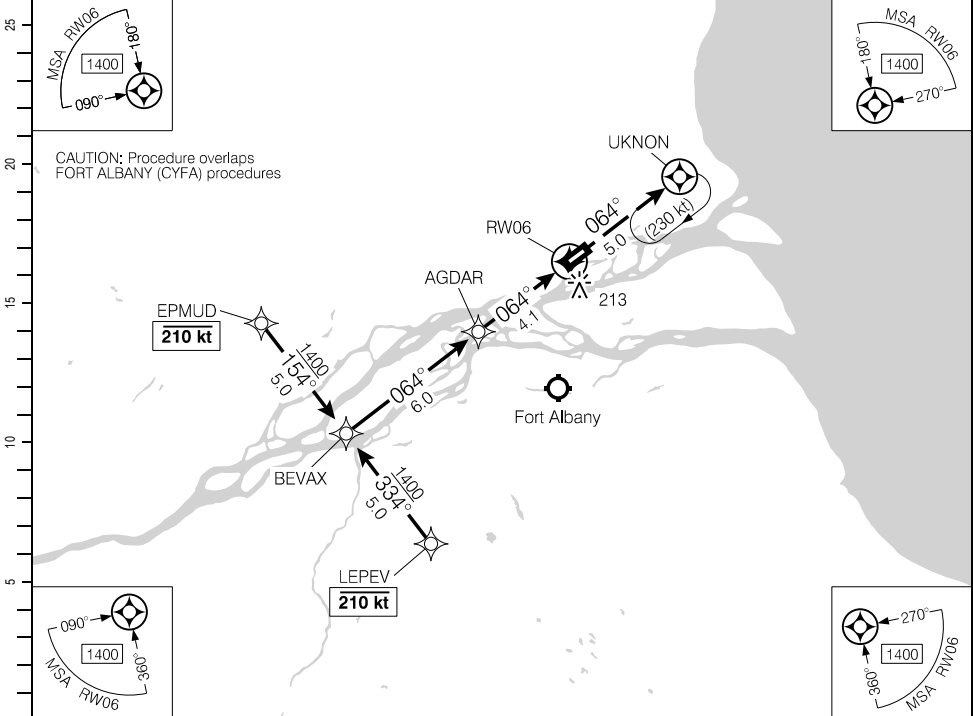
SCALE IN FEET

1000 0 1000

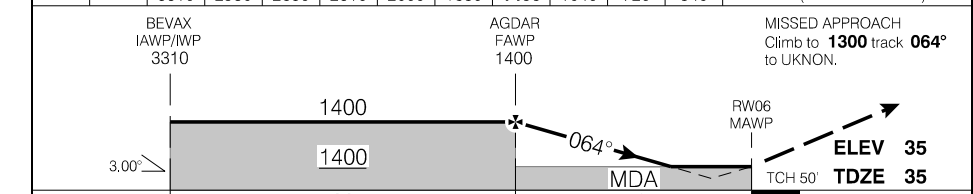
RNAV (GNSS) RWY 06

521657N 0814040W VAR 12°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 1800	WAAS Ch 81056 W06A	APCH CRS 064°	MIN ALT AGDAR 1400	LDA 3903	APAS		



(NM)	10.1	9	8	7	6	5	4.1	3	2	1.4	DIST FROM RWY06	
	3310	2950	2630	2310	2000	1680	1400	1040	720	540	ALT (3.00° APCH PATH)	



RASS: Use CYAT.			CATEGORY	A	B	C	D
			LPV	535	(500)		1¼
			LNAV	540	(505)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 06

EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 24

521657N 0814040W VAR 12°W

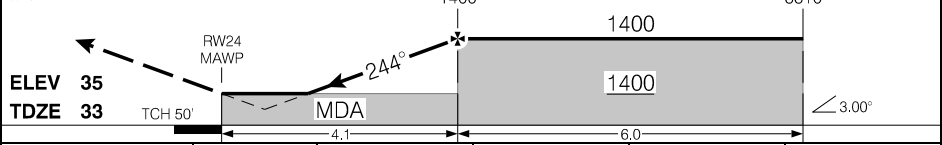
TFC - 122.8				ATF		ARCAL 122.8(K)
SAFE ALT 100 NM 1800	WAAS Ch 81057 W24A	APCH CRS 244°	MIN ALT BIMTU 1400	LDA 3903	AS	



CAUTION: Procedure overlaps FORT ALBANY (CYFA) procedures

(NM)	DIST FROM RW24	1.5	3	4.1	5	6	7	8	9	10.1		
	ALT (3.00° APCH PATH)	560	1040	1400	1680	2000	2310	2630	2950	3310		

MISSED APPROACH
Climb to **1300** track **244°**
to UDKIX.



RASS: Use CYAT.			CATEGORY	A	B	C	D
			LPV	533	(500)		1¼
			LNAV	560	(527)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 24

CZKE

EFF 10 AUG 23

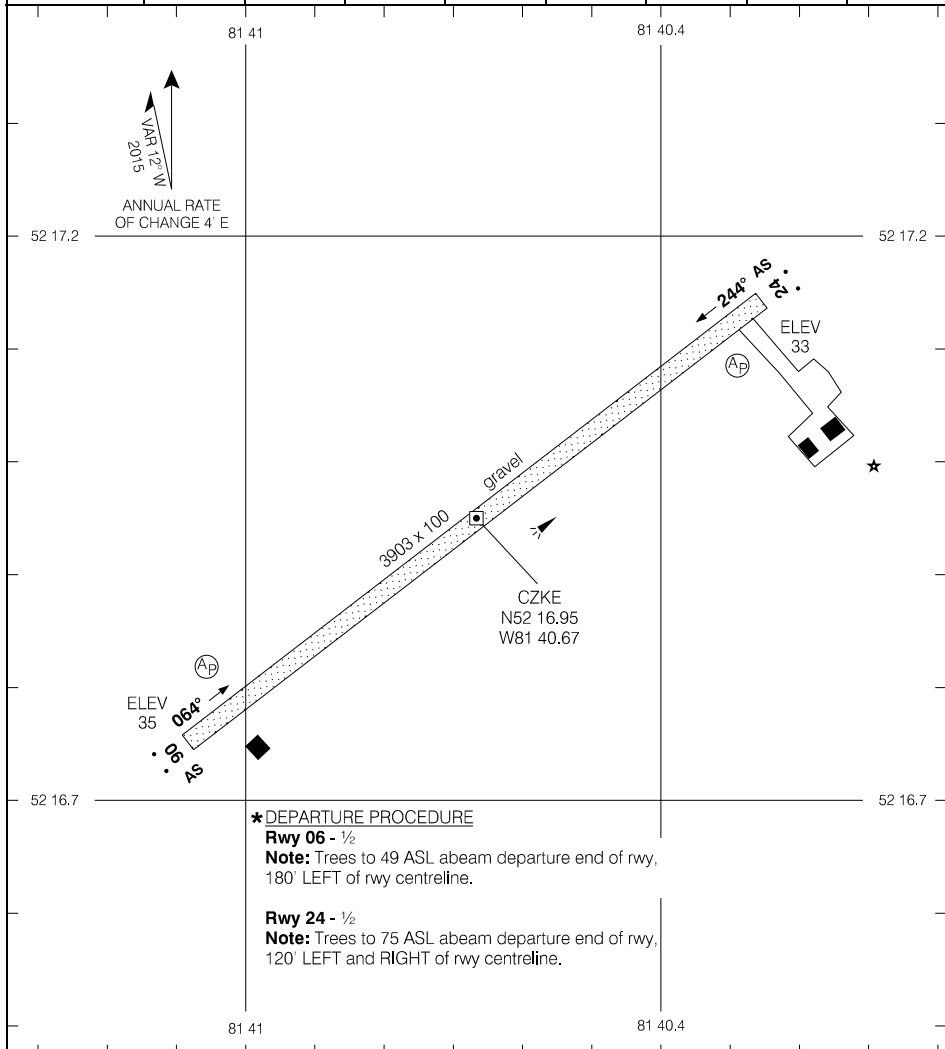
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

TFC - 122.8

ATF

DECL	DISTS	06	24						
TORA		3903	3903						
TODA		3903	3903						
ASDA		3903	3903						
LDA		3903	3903						

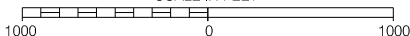


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA

All Rwys: *

SCALE IN FEET




AERODROME CHART

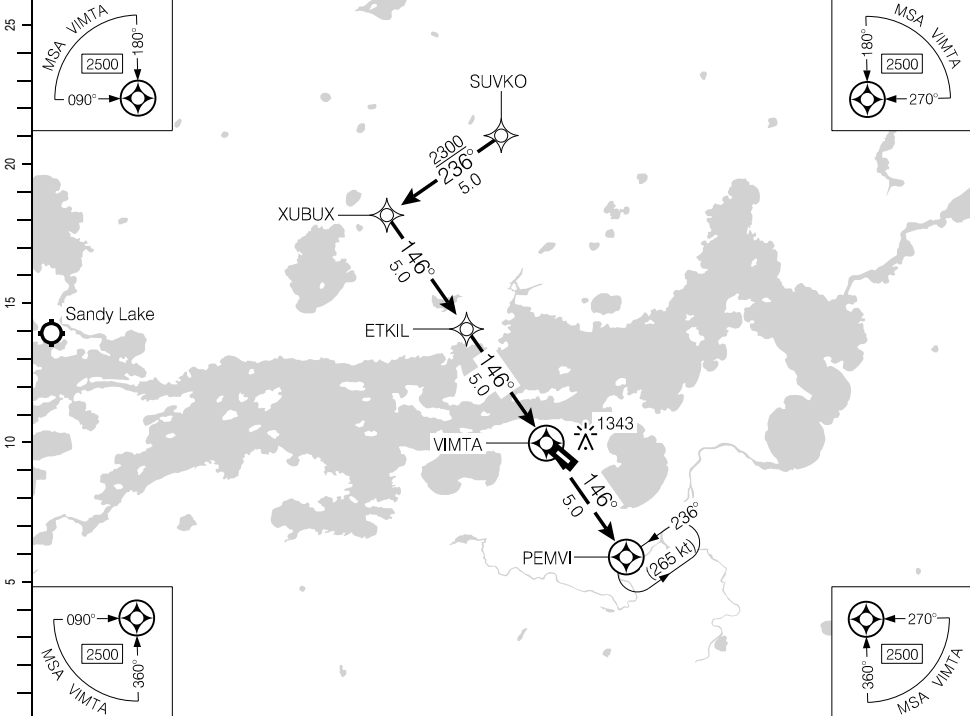
CZKE

EFF 10 AUG 23

RNAV (GNSS) RWY 13

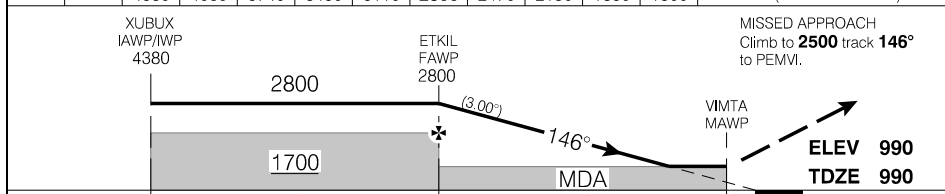
525928N 0925011W VAR 1°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV		APCH CRS 146°		MIN ALT ETKIL 1700	
				LDA 3511			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		10	9	8	7	6	5.0	4	3	2	1.0	DIST FROM VIMTA	
		4380	4060	3740	3430	3110	2800	2470	2150	1830	1500	ALT (3.00° APCH PATH)	



RASS: Use CZSJ.			CATEGORY	A	B	C	D
			RNAV	1500		(510)	1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

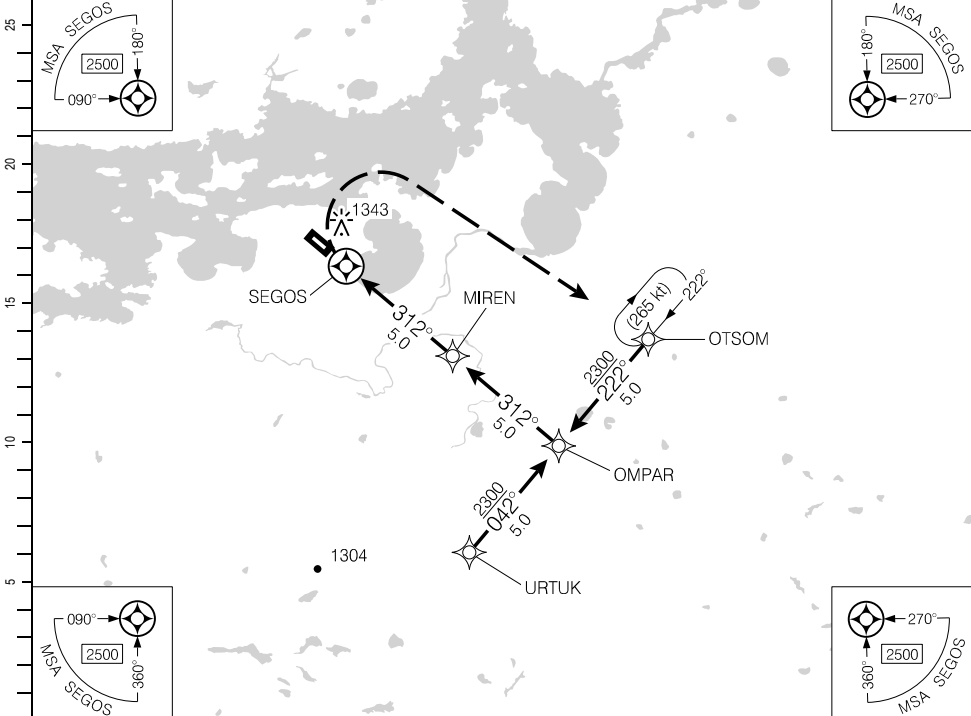
RNAV (GNSS) RWY 13

EFF 2 DEC 21

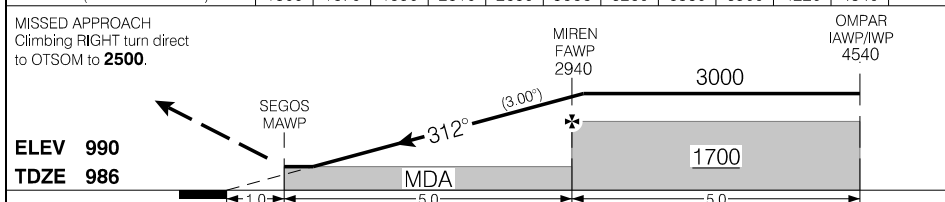
RNAV (GNSS) RWY 31

525928N 0925011W VAR 1°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV		APCH CRS 312°		MIN ALT MIREN 1700	
				LDA 3511			



DIST FROM SEGOS	0.5	1	2	3	4	5.2	6	7	8	9	10	
ALT (3.00° APCH PATH)	1500	1670	1990	2310	2630	3000	3260	3580	3900	4220	4540	



RASS: Use CZSJ.		CATEGORY		A		B		C		D	
		LNAV		1500		(514)		1½			
Knots	ft/min	Min:Sec									
70	370										
90	480										
110	580										
130	690										
150	800										

RNAV (GNSS) RWY 31

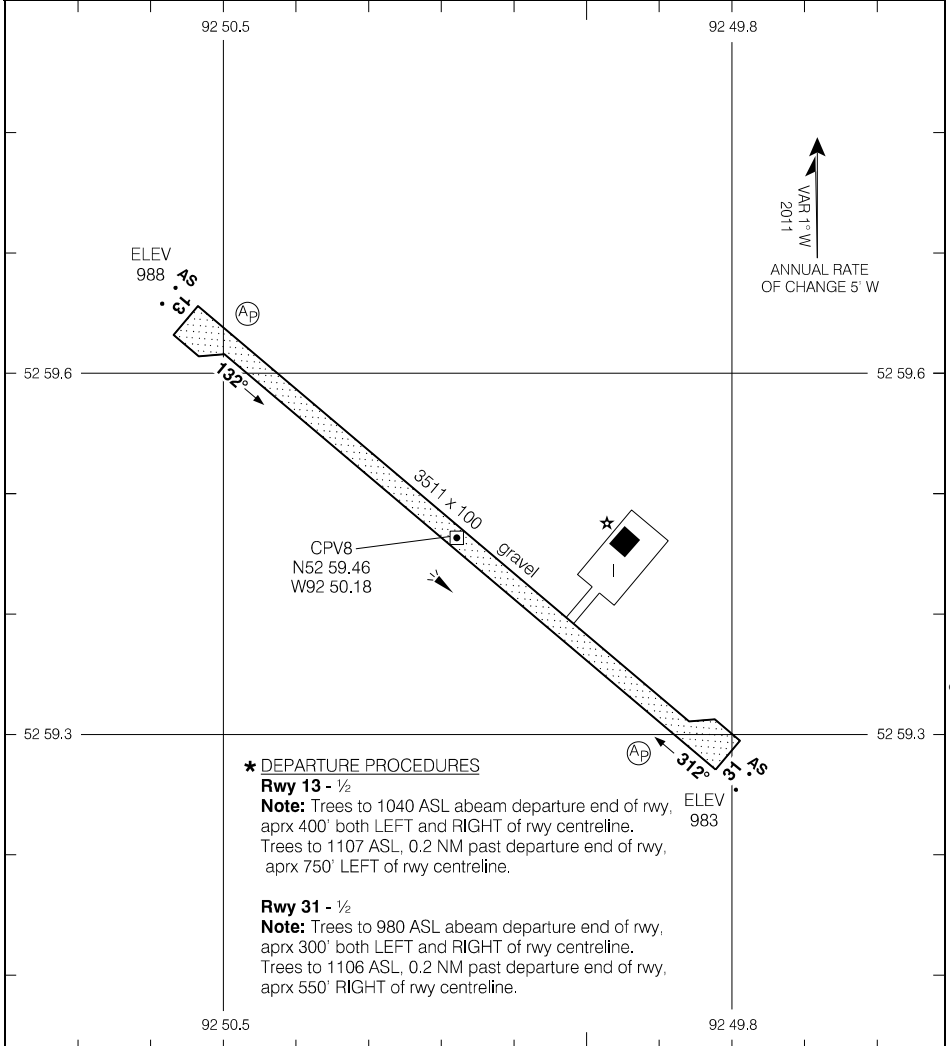
CPV8

EFF 2 DEC 21

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 122.8		ATF	
DECL DIST	13	31					
TORA	3511	3511					
TODA	3511	3511					
ASDA	3511	3511					
LDA	3511	3511					



*** DEPARTURE PROCEDURES**

Rwy 13 - 1/2

Note: Trees to 1040 ASL abeam departure end of rwy, aprx 400' both LEFT and RIGHT of rwy centreline. Trees to 1107 ASL, 0.2 NM past departure end of rwy, aprx 750' LEFT of rwy centreline.

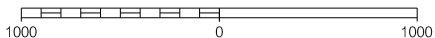
Rwy 31 - 1/2

Note: Trees to 980 ASL abeam departure end of rwy, aprx 300' both LEFT and RIGHT of rwy centreline. Trees to 1106 ASL, 0.2 NM past departure end of rwy, aprx 550' RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwy 13; 31: *

SCALE IN FEET



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

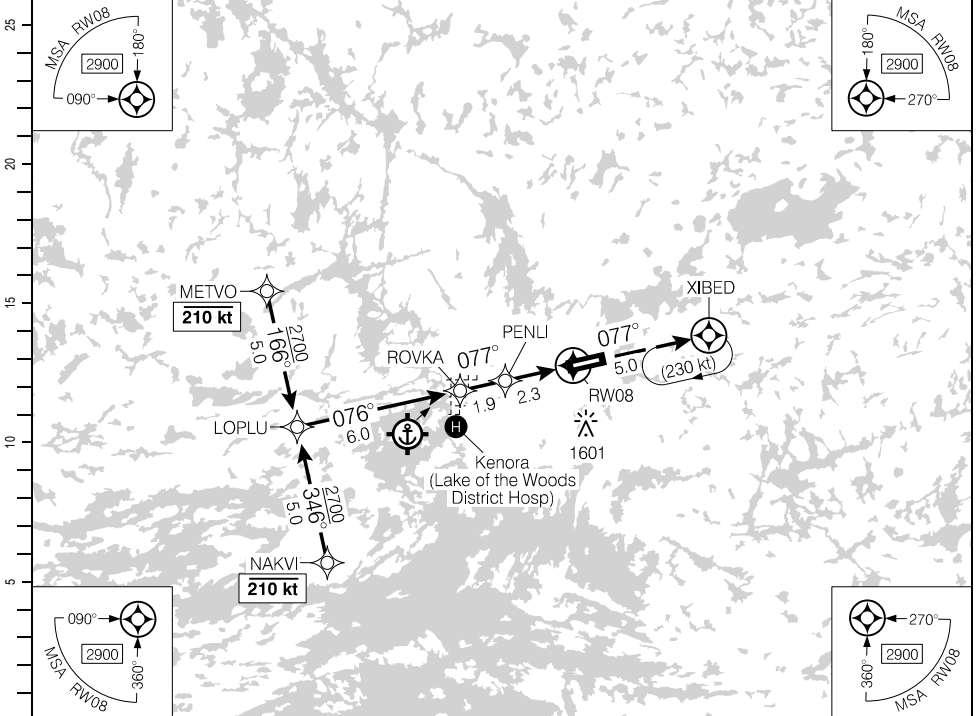
EFF 24 MAR 22

CPV8

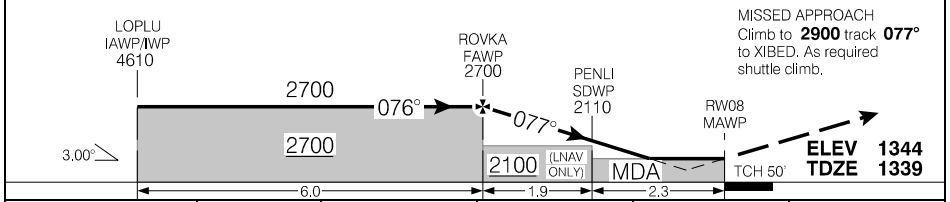
RNAV (GNSS) RWY 08

494718N 0942147W VAR 1°E

CTR Winnipeg – 132.2		RADIO – 122.2		MF		② 2 ·	
SAFE ALT 100 NM 3000	WAAS Ch 80464 W08A	APCH CRS 077°	MIN ALT ROVKA 2700	LDA 5800			



(NM)	10.2	9	8	7	6	5	4.2	3	2	1.3	DIST FROM RW08
	4610	4240	3920	3600	3290	2970	2700	2330	2010	1800	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1575	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1700	(375)		1¼
			LNAV	1800	(475)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 08

CYQK

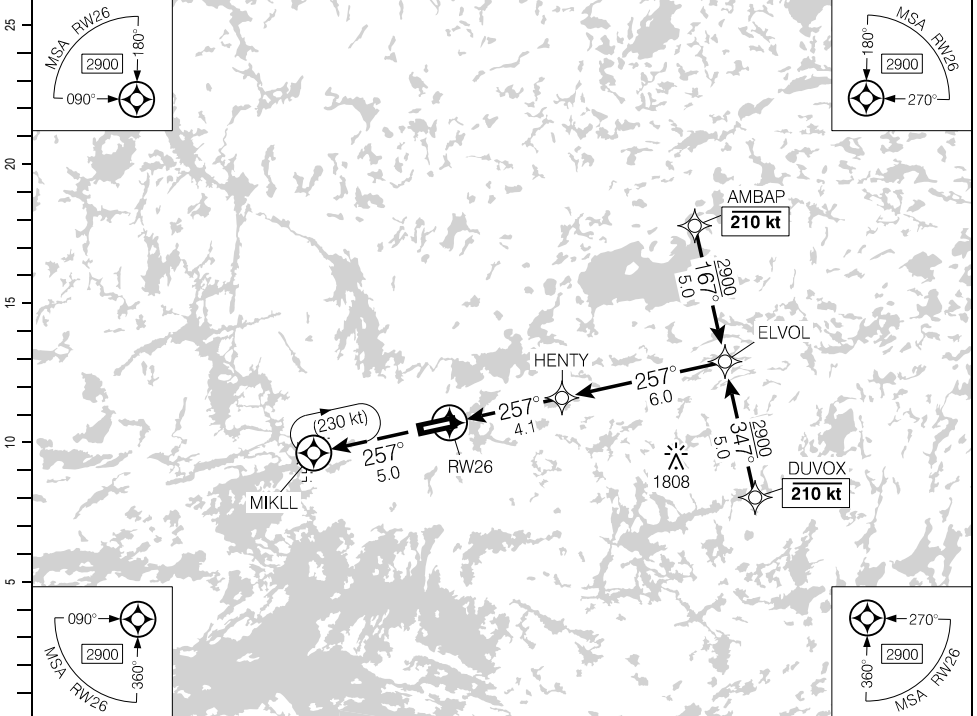
EFF 25 FEB 21

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

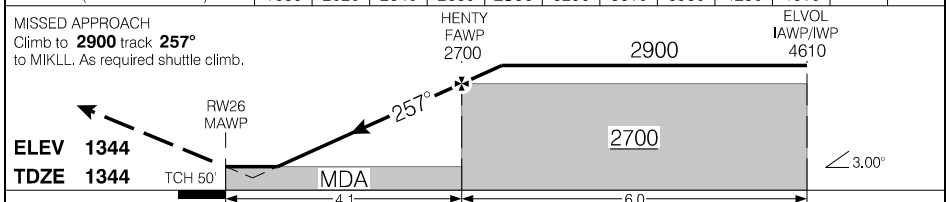
RNAV (GNSS) RWY 26

494718N 0942147W VAR 1°E

CTR Winnipeg – 132.2		RADIO – 122.2		MF		P2 2.0	
SAFE ALT 100 NM 3000	WAAS Ch 80876 W26A	APCH CRS 257°	MIN ALT HENITY 2700	LDA 5800			



DIST FROM RW26	0.9	2	3	4	4.8	6	7	8	9	10.1		
ALT (3.00° APCH PATH)	1680	2020	2340	2660	2900	3290	3610	3930	4250	4610		



			CATEGORY	A	B	C	D
			LPV	1582	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1582	(250)		1
			LNAV	1680	(348)		1/4
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 26

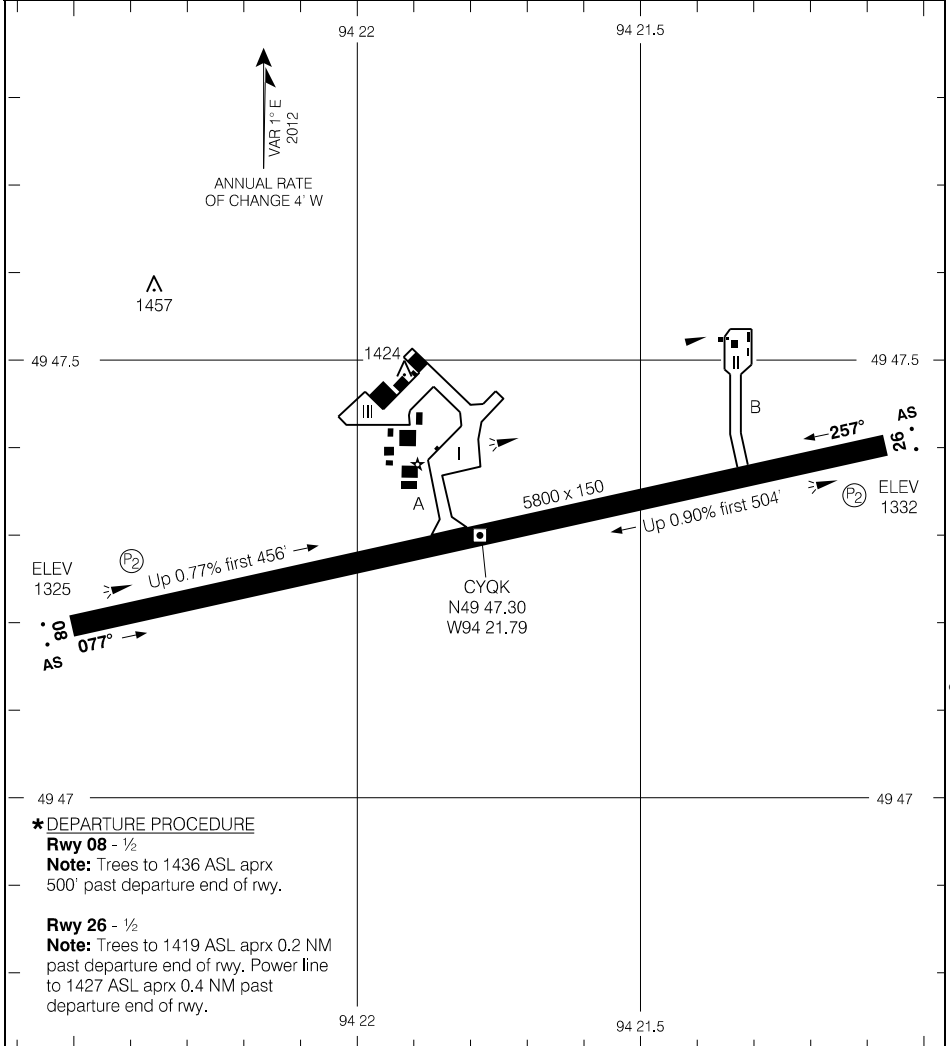
CYQK

EFF 25 FEB 21

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

				RADIO - 122.2		CTR Winnipeg - 132.2 RADIO London - 123.37	
						MF	
DECL DIST	08	26					
TORA	5800	5800					
TODA	6200	6784					
ASDA	5800	5800					
LDA	5800	5800					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

*** DEPARTURE PROCEDURE**

Rwy 08 - 1/2
Note: Trees to 1436 ASL aprx 500' past departure end of rwy.

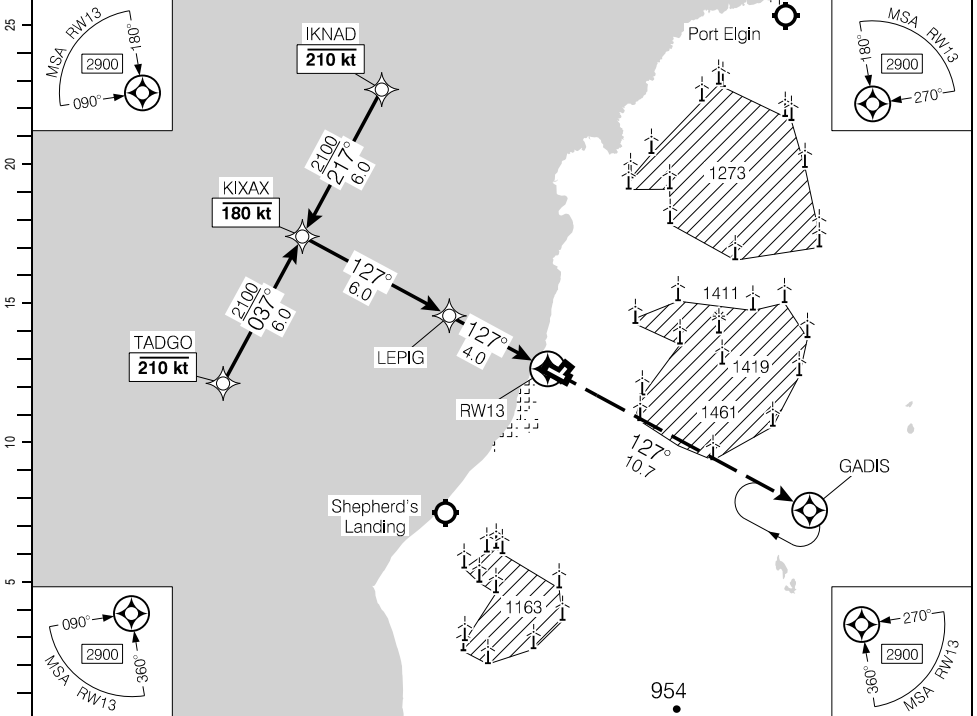
Rwy 26 - 1/2
Note: Trees to 1419 ASL aprx 0.2 NM past departure end of rwy. Power line to 1427 ASL aprx 0.4 NM past departure end of rwy.

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 08; 26:*	1000 0 1000

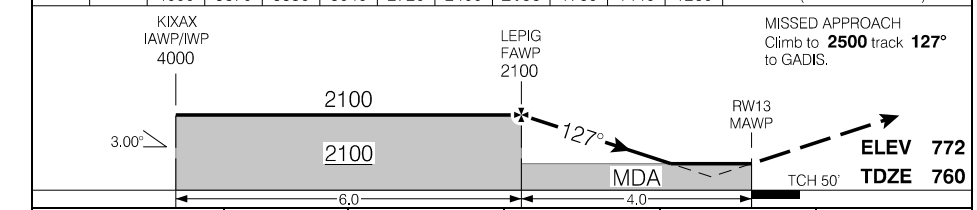
RNAV (GNSS) RWY 13

441205N 0813620W VAR 9°W

CTR Toronto – 132.57		UNICOM – 122.8 (AU)			ARCAL 122.8(K)
SAFE ALT 100 NM 3300	WAAS Ch 80907 W13A	APCH CRS 127°	MIN ALT LEPIG 2100	LDA 4085	ATF



(NM)	10	9	8	7	6	5	4.0	3	2	1.4	DIST FROM RWY13
	4000	3670	3350	3040	2720	2400	2100	1760	1440	1260	ALT (3.00° APCH PATH)



RASS: When using CYVV add 100'.			CATEGORY	A	B	C	D
			LPV	1256	(500)		1½
			LNAV	1260	(504)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 13

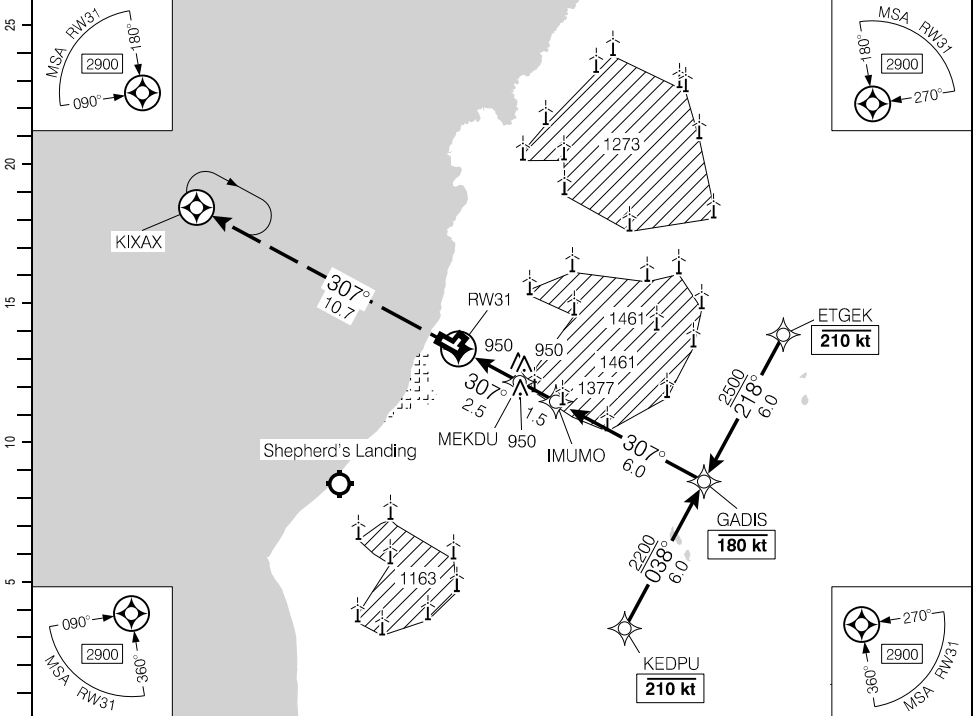
CYKM

EFF 20 APR 23

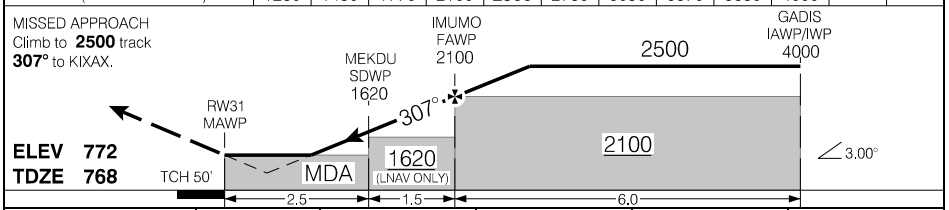
RNAV (GNSS) RWY 31

441205N 0813620W VAR 9°W

CTR Toronto – 132.57		UNICOM – 122.8 (AU)			ARCAL 122.8(K)
SAFE ALT 100 NM 3300	WAAS Ch 80064 W31A	APCH CRS 307°	MIN ALT IMUMO 2100	LDA 4085	(A-D)



DIST FROM RW31	1.5	2	3	4	5.3	6	7	8	9	10		
ALT (3.00° APCH PATH)	1280	1450	1770	2100	2500	2730	3050	3370	3680	4000		



RASS: When using CYVV add 100'			CATEGORY	A	B	C	D
			LPV	1268	(500)		1½
			RNAV	1280	(512)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 31

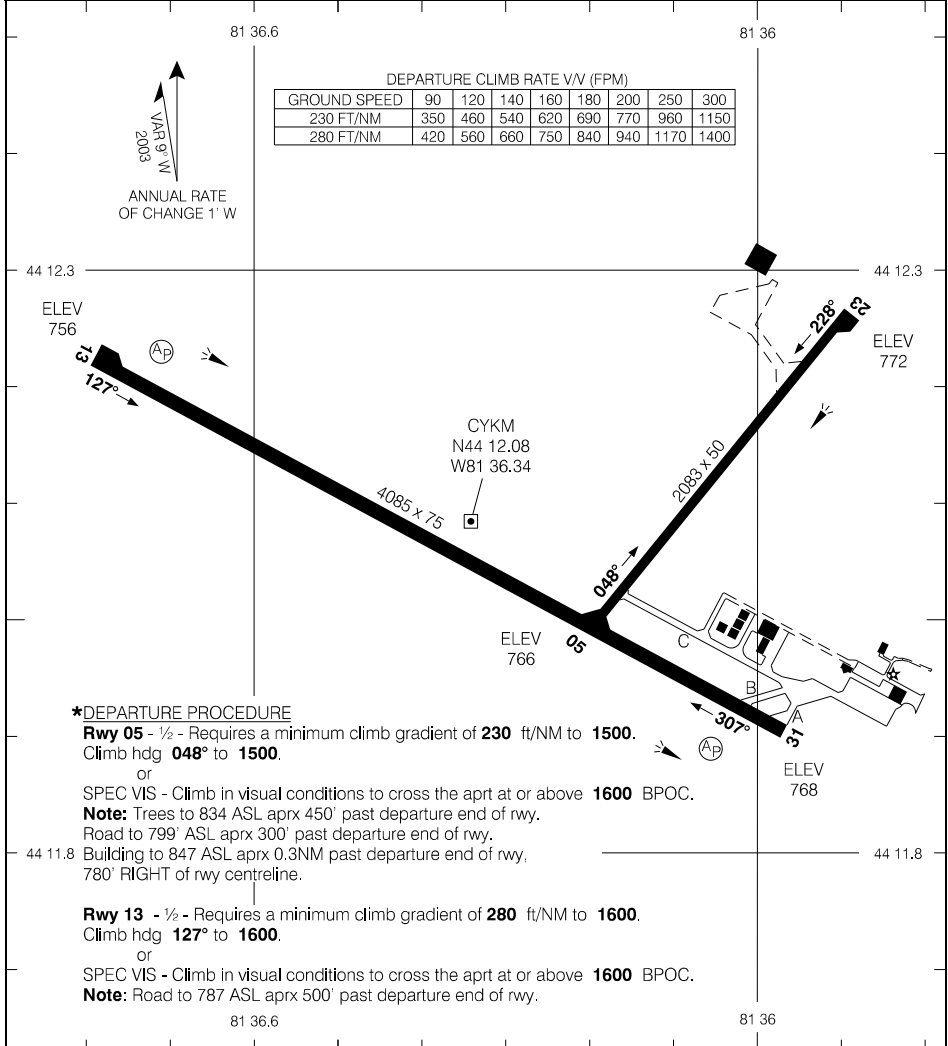
CYKM

EFF 20 APR 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				UNICOM - 122.8 (AU)				CTR Toronto - 132.57			
				ATF							
DECL	DISTS	05	23	13	31						
TORA		2083	2083	4085	4085						
TODA		2083	2083	4285	4285						
ASDA		2083	2083	4085	4085						
LDA		2083	2083	4085	4085						



***DEPARTURE PROCEDURE**

Rwy 05 - 1/2 - Requires a minimum climb gradient of **230** ft/NM to **1500**.
Climb hdg **048°** to **1500**.

or
SPEC VIS - Climb in visual conditions to cross the apt at or above **1600** BPOC.

Note: Trees to 834 ASL aprx 450' past departure end of rwy.
Road to 799' ASL aprx 300' past departure end of rwy.

Building to 847 ASL aprx 0.3NM past departure end of rwy,
780' RIGHT of rwy centreline.

Rwy 13 - 1/2 - Requires a minimum climb gradient of **280** ft/NM to **1600**.
Climb hdg **127°** to **1600**.

or
SPEC VIS - Climb in visual conditions to cross the apt at or above **1600** BPOC.

Note: Road to 787 ASL aprx 500' past departure end of rwy.

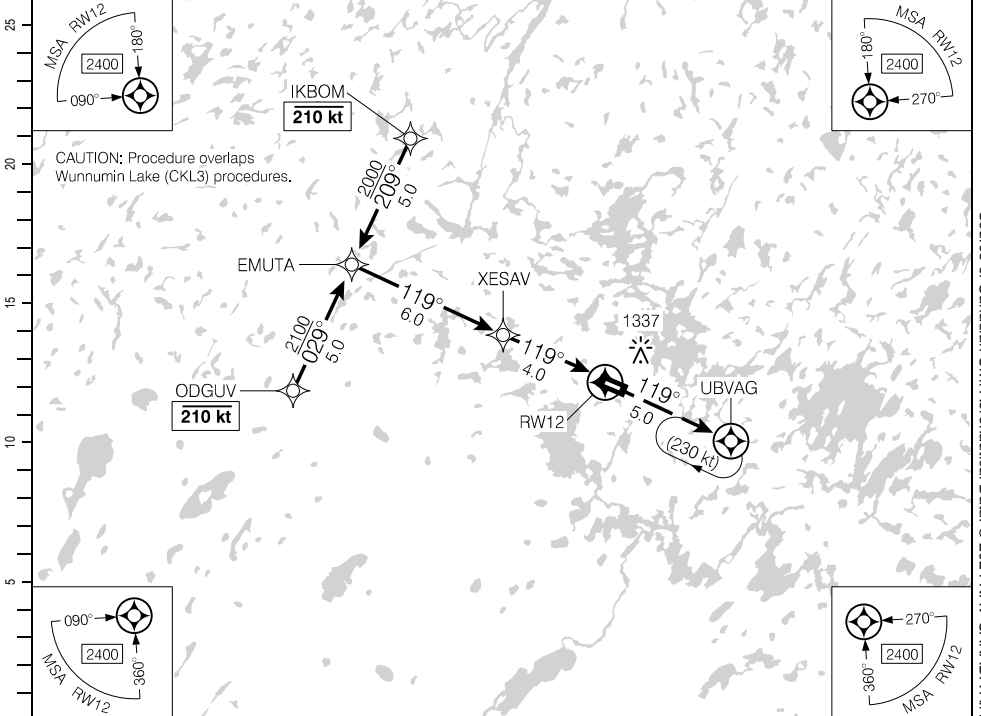
TAKE-OFF MINIMA	SCALE IN FEET
Rwys 05; 13: ★ Rwys 23; 31: 1/2	1000 0 1000

RNAV (GNSS) RWY 12

530045N 0895119W VAR 4°W

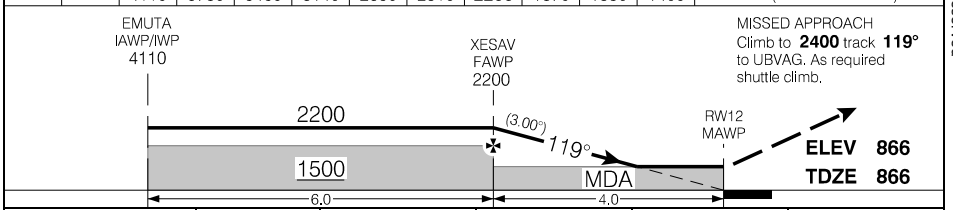
CNM5

		TFC - 123.2		ATF		ARCAL 123.2(K)*	
SAFE ALT 100 NM 2700		RNAV		APCH CRS 119°		MIN ALT XESAV 1500	
				LDA 3520			



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)		10	9	8	7	6	5	4.0	3	2	1.5	DIST FROM RW12
		4110	3780	3460	3140	2830	2510	2200	1870	1550	1400	ALT (3.00° APCH PATH)



RASS: Use CYTL. When using CZMD add 50°.	CATEGORY	A	B	C	D
	LNNAV	1400		(535)	1¼
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 12

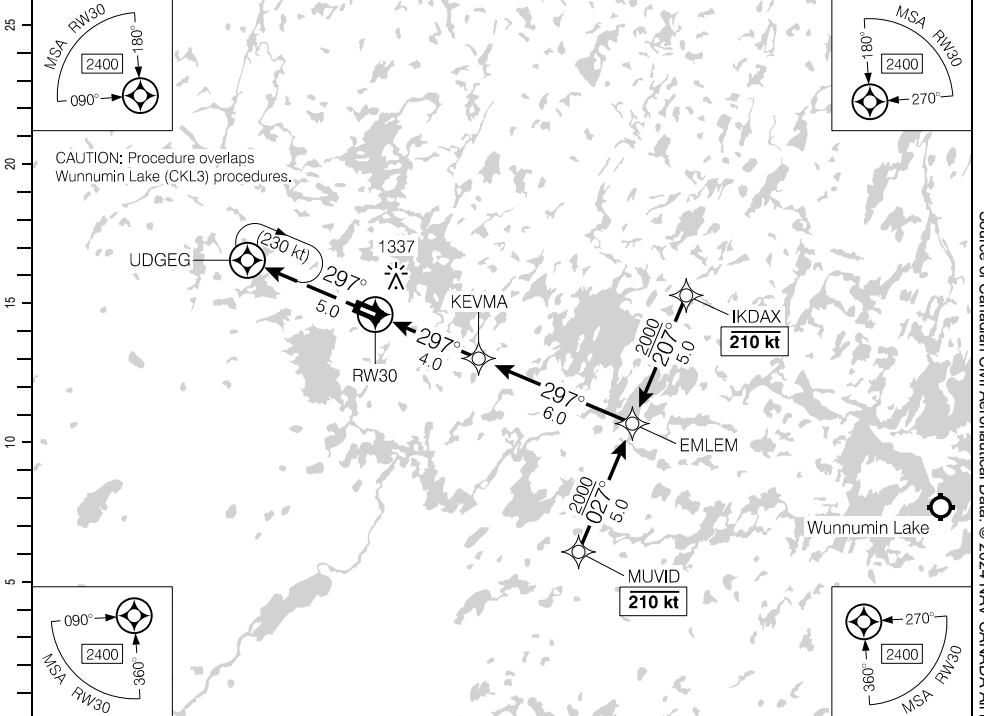
CNM5

EFF 10 AUG 23

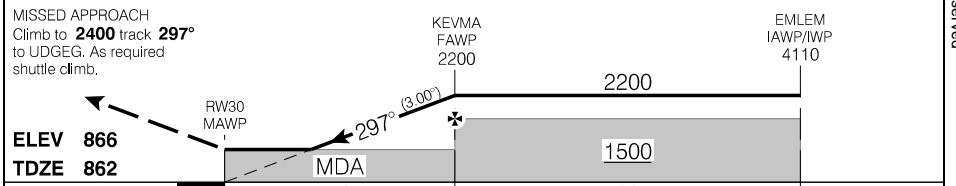
RNAV (GNSS) RWY 30

530045N 0895119W VAR 4°W

		TFC - 123.2		ATF		ARCAL 123.2(K)*	
SAFE ALT 100 NM 2700	RNAV	APCH CRS 297°	MIN ALT 1500	LDA 3520		AP 2	



(NM)	DIST FROM RW30	1.5	2	3	4.0	5	6	7	8	9	10		
	ALT (3.00° APCH PATH)	1380	1550	1870	2200	2500	2820	3140	3460	3780	4110		



RASS: Use CYTL. When using CZMD add 50°.		CATEGORY	A	B	C	D
		RNAV	1380	(518)		1½
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

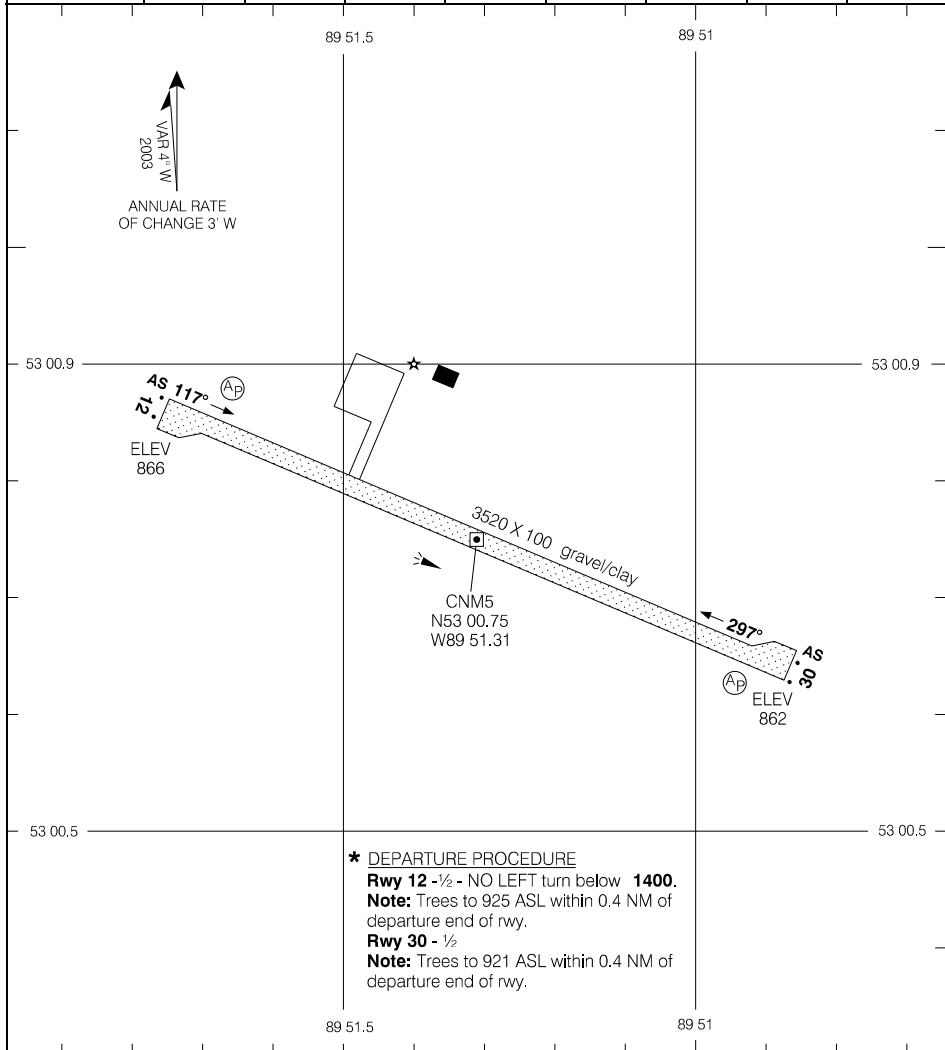
RNAV (GNSS) RWY 30

EFF 10 SEP 20

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 123.2		ATF	
DECL DIST	12	30					
TORA	3520	3520					
TODA	3520	3520					
ASDA	3520	3520					
LDA	3520	3520					



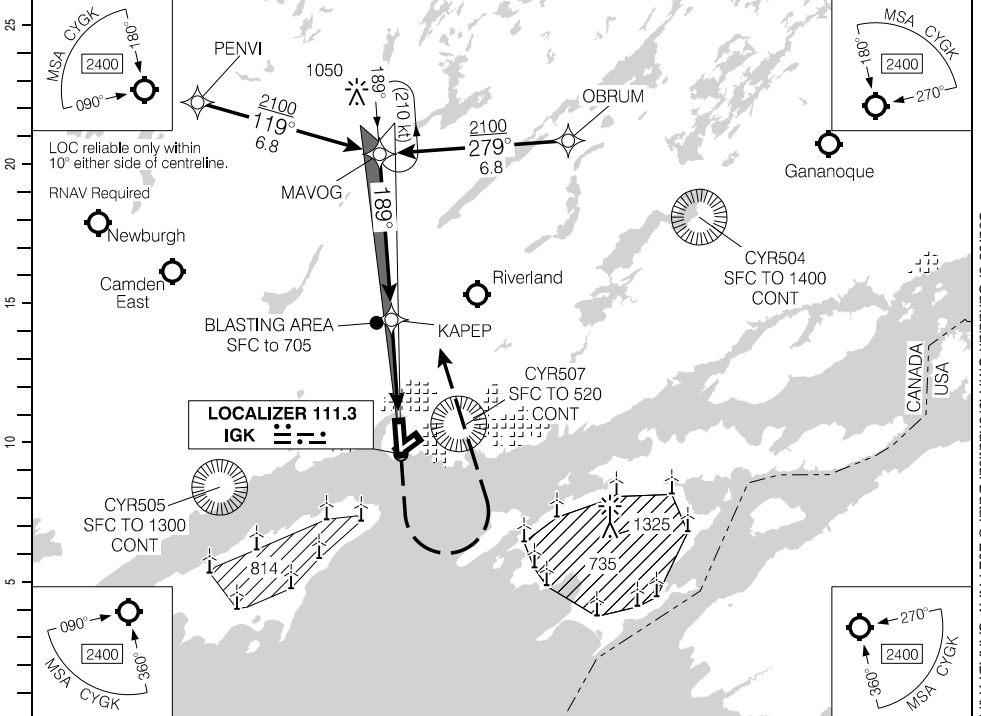
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 12; 30: *	1000 0 1000

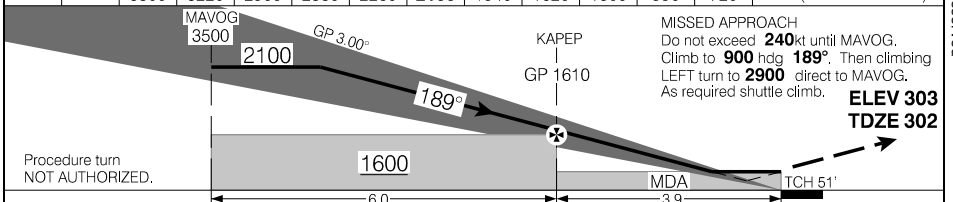
ILS RWY 19

441335N 0763548W VAR 13°W

● ATIS – 135.55	CTR Montreal – 135.05	● RADIO – 122.5			ARCAL 122.5(K)
		● TFC – 122.5	● MIF		AWAS min 10'
SAFE ALT 100 NM 6100	LOC IKG 111.3	APCH CRS 189°	MIN ALT KAPEP 1610	LDA 5000	



(NM)		9.9	9	8	7	6	5.5	5	4	3	2	1.2	DIST FROM RWY19
		3500	3220	2900	2580	2260	2100	1940	1620	1300	990	720	ALT (3.00° APCH PATH)



RASS: When using CYTR add 100'.		CATEGORY	A	B	C	D
		ILS	553		(250)	1
KAPEP to MAP 3.9 NM		LOC	720		(418)	1
Knots		ft/min	Min:Sec	CIRCLING		
70	370	3:21	820	(517) 1½	1180	(877) 1¼
90	480	2:36	1180	(877) 1½	1180	(877) 2½
110	580	2:08				
130	690	1:48				
150	800	1:34				

ILS RWY 19

CYKG

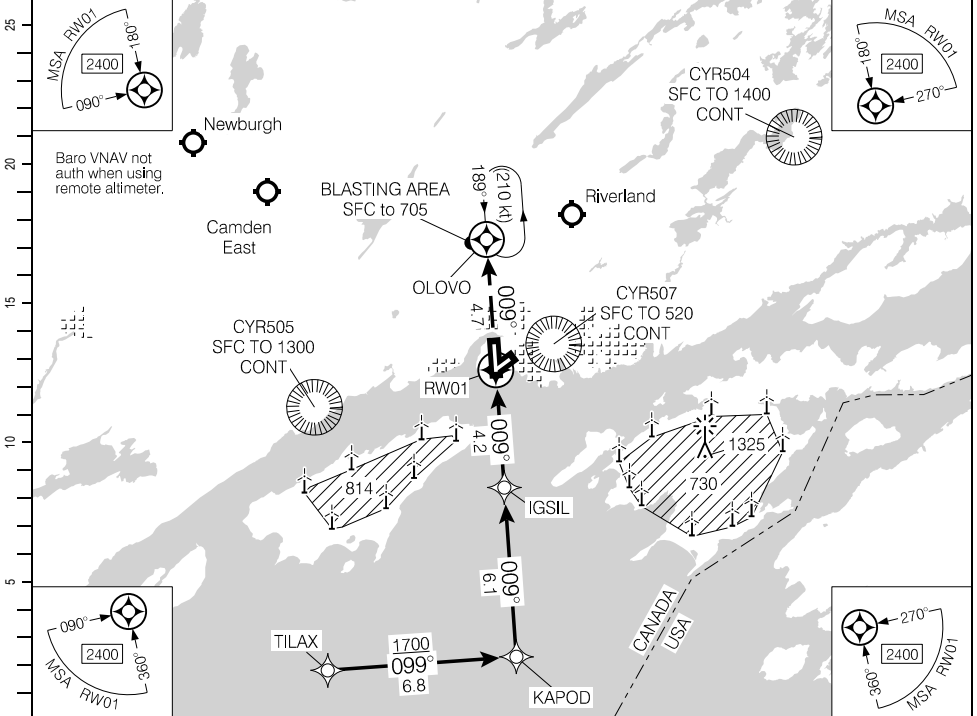
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

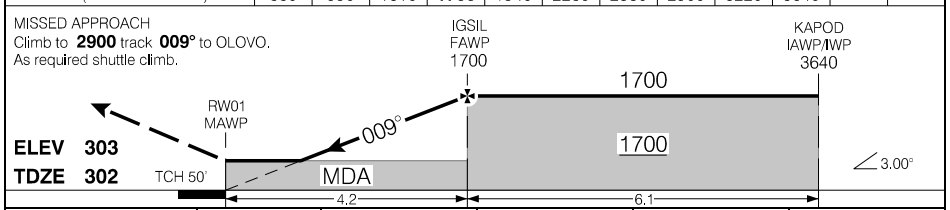
RNAV (GNSS) RWY 01

441335N 0763548W VAR 13°W

<p>☉ ATIS – 135.55</p>	<p>CTR Montreal – 135.05</p>	<p>☉ RADIO – 122.5</p>	<p>ARCAL 122.5(K)</p>
<p>SAFE ALT 100 NM 6100</p>	<p>WAAS Ch 80694 W01A</p>	<p>APCH CRS 009°</p>	<p>MIN ALT IGSIL 1700</p>
		<p>☉ TFC – 122.5</p>	<p>☉ MIF</p>
			<p>(P2)</p>
<p>LDA 5622</p>			



DIST FROM RW01	1.0	2	3	4.2	5	6	7	8	9	10.3		
ALT (3.00° APCH PATH)	660	990	1310	1700	1940	2260	2580	2900	3220	3640		



RASS: When using CYTR add 100'.		<table border="1"> <tr> <th>CATEGORY</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> <tr> <td>LPV</td> <td>552</td> <td>(251)</td> <td>1</td> <td></td> </tr> <tr> <td>LNAV/VNAV (min. -19°C, max. 54°C)</td> <td>568</td> <td>(267)</td> <td>1</td> <td></td> </tr> <tr> <td>LNAV</td> <td>660</td> <td>(359)</td> <td>1¼</td> <td></td> </tr> </table>	CATEGORY	A	B	C	D	LPV	552	(251)	1		LNAV/VNAV (min. -19°C, max. 54°C)	568	(267)	1		LNAV	660	(359)	1¼	
CATEGORY	A	B	C	D																		
LPV	552	(251)	1																			
LNAV/VNAV (min. -19°C, max. 54°C)	568	(267)	1																			
LNAV	660	(359)	1¼																			
<table border="1"> <tr> <th>Knots</th> <th>ft/min</th> <th>Min:Sec</th> </tr> <tr> <td>70</td> <td>370</td> <td></td> </tr> <tr> <td>90</td> <td>480</td> <td></td> </tr> <tr> <td>110</td> <td>580</td> <td></td> </tr> <tr> <td>130</td> <td>690</td> <td></td> </tr> <tr> <td>150</td> <td>800</td> <td></td> </tr> </table>	Knots	ft/min	Min:Sec	70	370		90	480		110	580		130	690		150	800					
Knots	ft/min	Min:Sec																				
70	370																					
90	480																					
110	580																					
130	690																					
150	800																					

RNAV (GNSS) RWY 01

CYGK

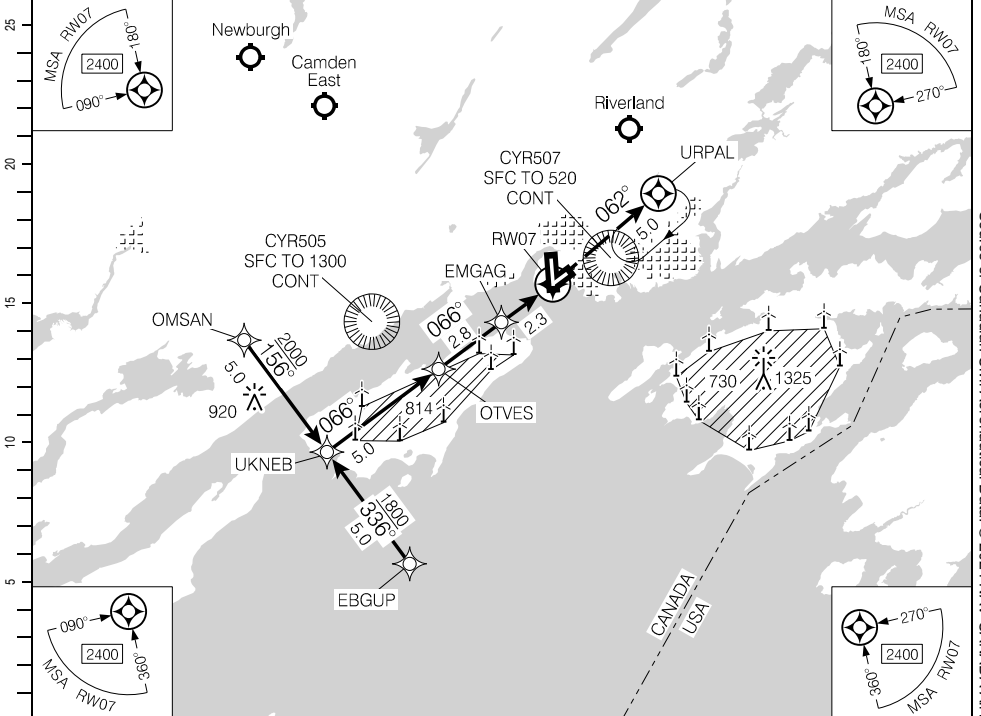
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

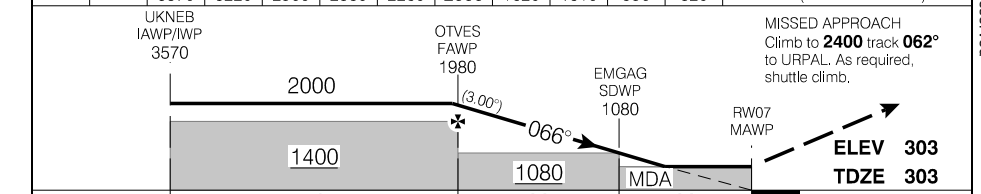
RNAV (GNSS) RWY 07

441335N 0763548W VAR 13°W

ATIS – 135.55 SAFE ALT 100 NM 6100	CTR Montreal – 135.05 RNAV	RADIO – 122.5 TFC – 122.5 MIF	ARCAL 122.5(K) (A)
APCH CRS 066°	MIN ALT OTVES 1400	LDA 3909	



(NM)	10.1	9	8	7	6	5.2	4	3	2	1.5	DIST FROM RW07
	3570	3220	2900	2580	2260	2000	1620	1310	990	820	ALT (3.00° APCH PATH)



RASS: When using CYTR add 100'. CATEGORY LNAV	A	B	C	D
	820		(517)	1½
Knots 70 90 110 130 150	ft/min 370 480 580 690 800	Min:Sec		

RNAV (GNSS) RWY 07

CYGK

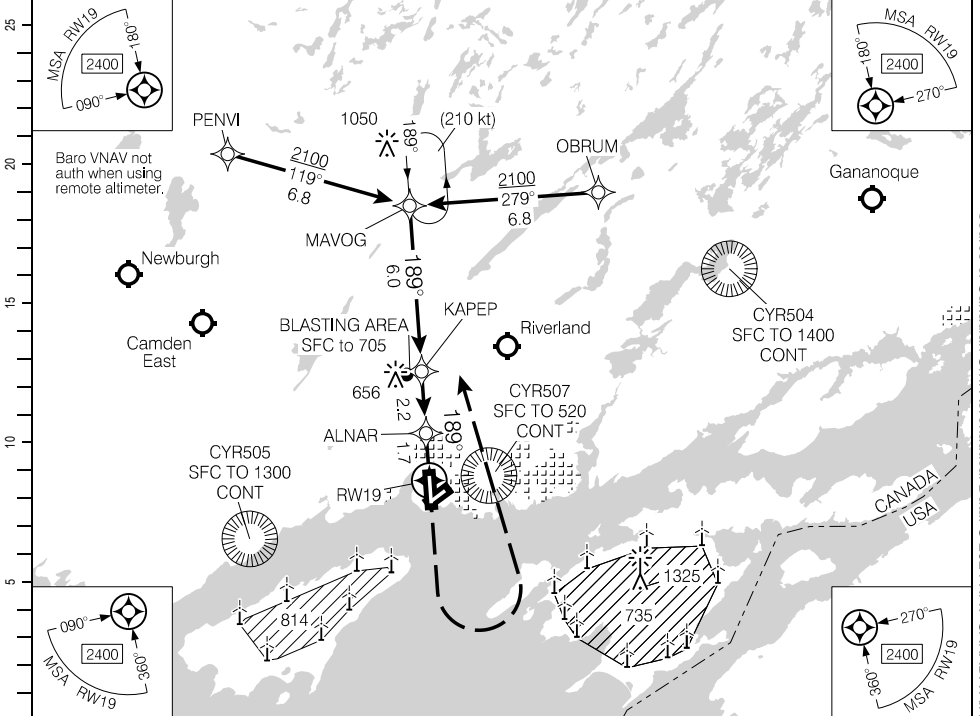
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

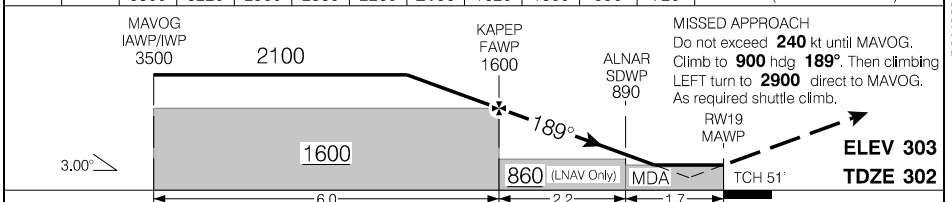
RNAV (GNSS) RWY 19

441335N 0763548W VAR 13°W

● ATIS – 135.55		CTR Montreal – 135.05		● RADIO – 122.5		● TFC – 122.5		● MIF		ARCAL 122.5(K)	
SAFE ALT 100 NM 6100		WAAS Ch 80316 W19A		APCH CRS 189°		MIN ALT KAPEP 1600		LDA 5000		AWAS P2	



(NM)	9.9	9	8	7	6	5.5	4	3	2	1.2	DIST FROM RWY19
	3500	3220	2900	2580	2260	2100	1620	1300	990	720	ALT (3.00° APCH PATH)



RASS: When using CYTR add 100'.			CATEGORY	A	B	C	D
			LPV	549	(250)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	681	(383)		1
			LNAV	720	(422)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 19

CYGK

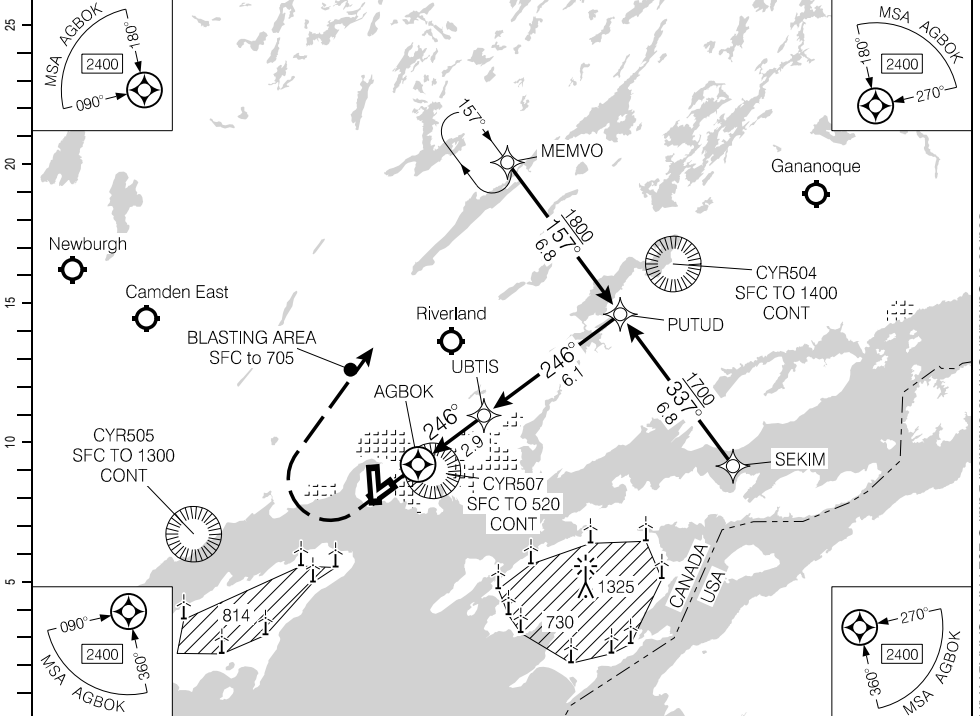
EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

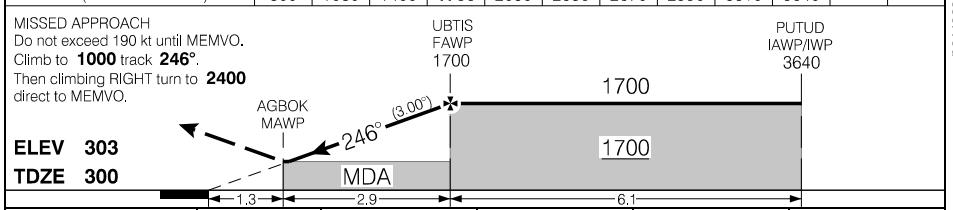
RNAV (GNSS) RWY 25

441335N 0763548W VAR 13°W

● ATIS – 135.55	CTR Montreal – 135.05	● RADIO – 122.5		ARCAL 122.5(K)
		● TFC – 122.5	● MIF	(AP)
SAFE ALT 100 NM 6100	RNAV	APCH CRS 246°	MIN ALT UBTIS 1700	LDA 3909



DIST FROM AGBOK	0.1	1	2	2.9	4	5	6	7	8	9		
ALT (3.00° APCH PATH)	800	1080	1400	1700	2030	2350	2670	2990	3310	3640		



RASS: When using CYTR add 100'.	CATEGORY	A	B	C	D
	LNAV	800		(503)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 25

CYGK

EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE

Departure Procedure**Rwy 01 – ½:** NO LEFT turn below **800**.**Note:** Trees to 400 ASL aprx 0.8 NM past departure end of rwy, 1500' RIGHT of rwy centreline.**Rwy 07 – ½:** Requires a minimum climb gradient of **480 ft/NM to 600**.**Note:** Trees to 371 ASL aprx 0.1 NM from departure end of rwy, 680' LEFT of rwy centreline.

or

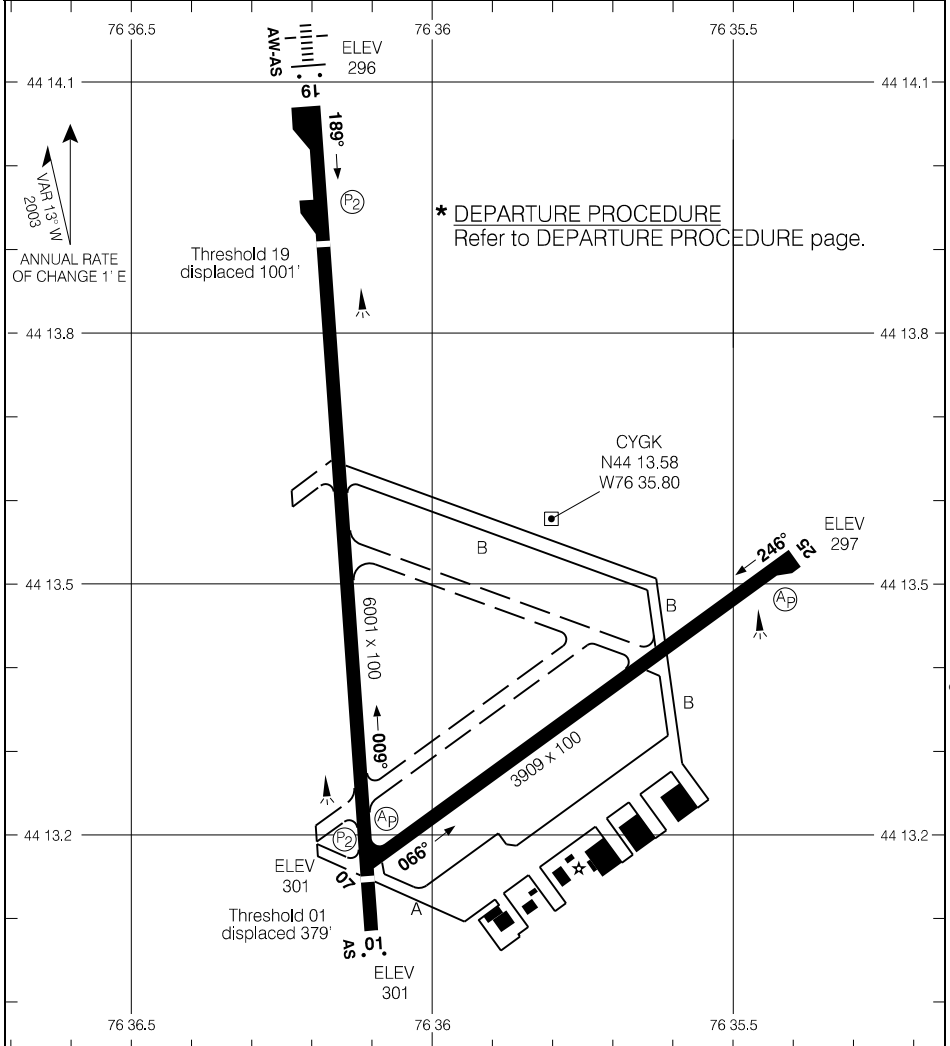
SPEC VIS – Climb in visual conditions to cross the aprt at or above **1600 BPOC**.**Rwy 19 – ½:** NO RIGHT turn below **900**.**Note:** Trees to 358 ASL aprx 0.1 NM past departure end of rwy, 810' RIGHT of rwy centreline.**Rwy 25 – ½:** NO RIGHT turn below **1700**. NO LEFT turn below **1000**.**Note:** Trees to 377 ASL aprx 0.3 NM past departure end of rwy, 1000' LEFT of rwy centreline.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
480 FT/NM	720	960	1120	1280	1440	1600	2000	2400

AERODROME CHART

● ATIS – 135.55					● RADIO – 122.5		CTR Montreal – 135.05 RADIO London – 123.55	
					● TFC – 122.5		● MF	
DECL	DISTS	01	19	07	25			
TORA		6001	6001	3909	3909			
TODA		7001	6985	4893	4893			
ASDA		6001	6001	3909	3909			
LDA		5622	5000	3909	3909			

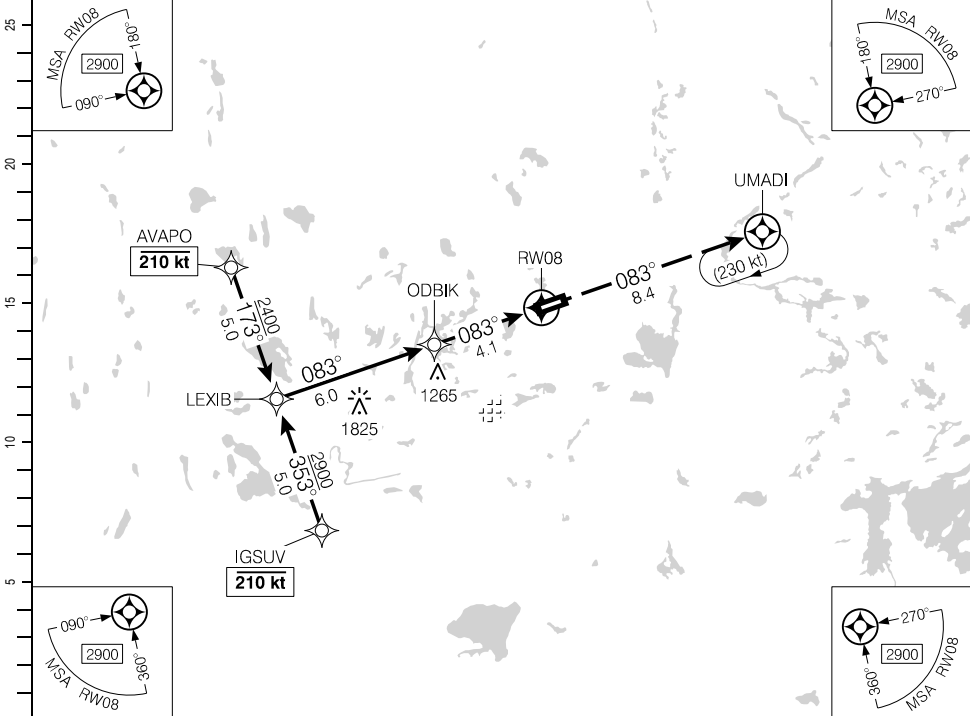


TAKE-OFF MINIMA	SCALE IN FEET
All Rwys: ★	1000 0 1000

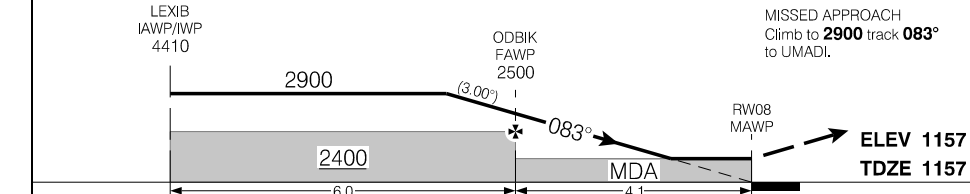
RNAV (GNSS) RWY 08

481237N 0795853W VAR 12°W

RADIO London – 123.37		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		RNAV	APCH CRS 083°	MIN ALT ODDBIK 2400	LDA 4505



(NM)		10.1	9	8	7	6	5.3	4	3	2	1.4	DIST FROM RW08
		4410	4070	3750	3440	3120	2900	2480	2160	1840	1660	ALT (3.00° APCH PATH)



RASS: Use CYXR.		CATEGORY	A	B	C	D
		RNAV	1660	(503)	1½	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV (GNSS) RWY 08

CYKX

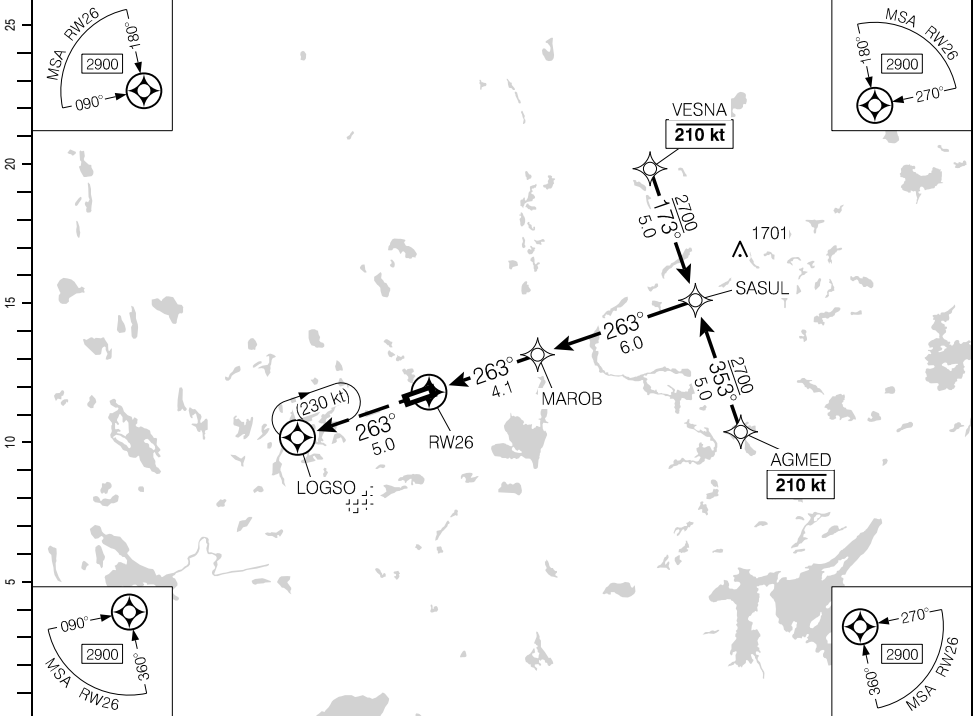
EFF 5 NOV 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

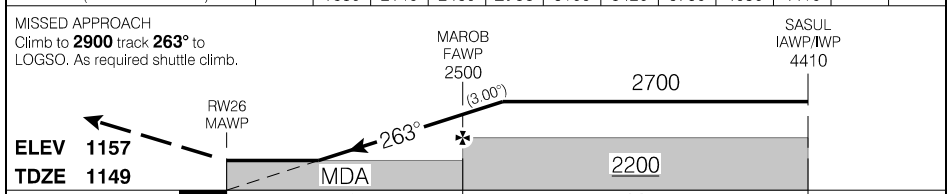
RNAV (GNSS) RWY 26

481237N 0795853W VAR 12°W

RADIO London – 123.37		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		RNAV	APCH CRS 263°	MIN ALT MAROB 2200	LDA 4505



DIST FROM RW26		1.6	3	4	4.8	6	7	8	9	10.1	
ALT (3.00° APCH PATH)		1680	2140	2460	2700	3100	3420	3730	4050	4410	



RASS: Use CYXR.		CATEGORY	A	B	C	D
		RNAV	1680	(544)	1%	NOT AUTHORIZED
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 26

CYKX

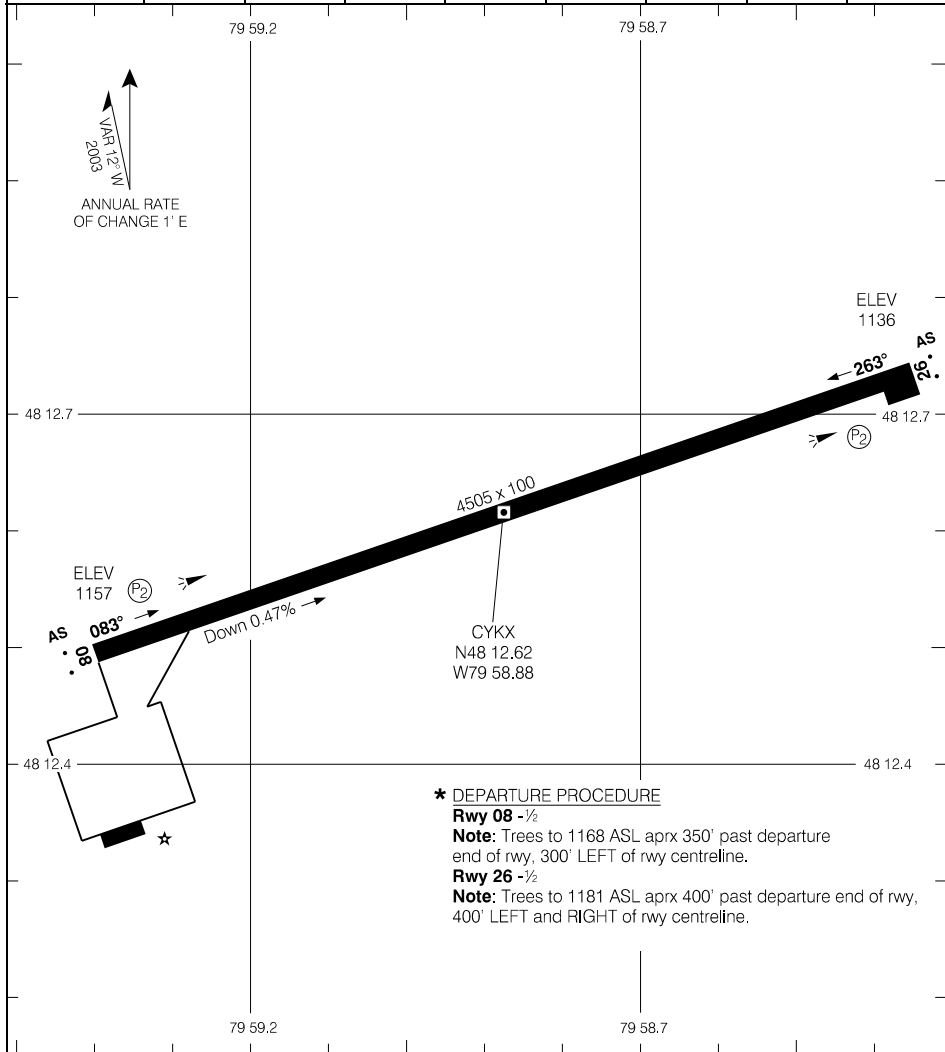
EFF 5 NOV 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

		UNICOM - 122.8		RADIO London - 123.37	
				ATF	

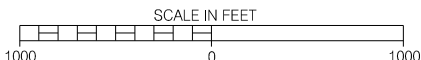
DECL	DISTS	08	26				
TORA		4505	4505				
TODA		4855	4905				
ASDA		4505	4505				
LDA		4505	4505				



*** DEPARTURE PROCEDURE**
Rwy 08 - 1/2
Note: Trees to 1168 ASL aprx 350' past departure end of rwy, 300' LEFT of rwy centreline.
Rwy 26 - 1/2
Note: Trees to 1181 ASL aprx 400' past departure end of rwy, 400' LEFT and RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 08, 26: *



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

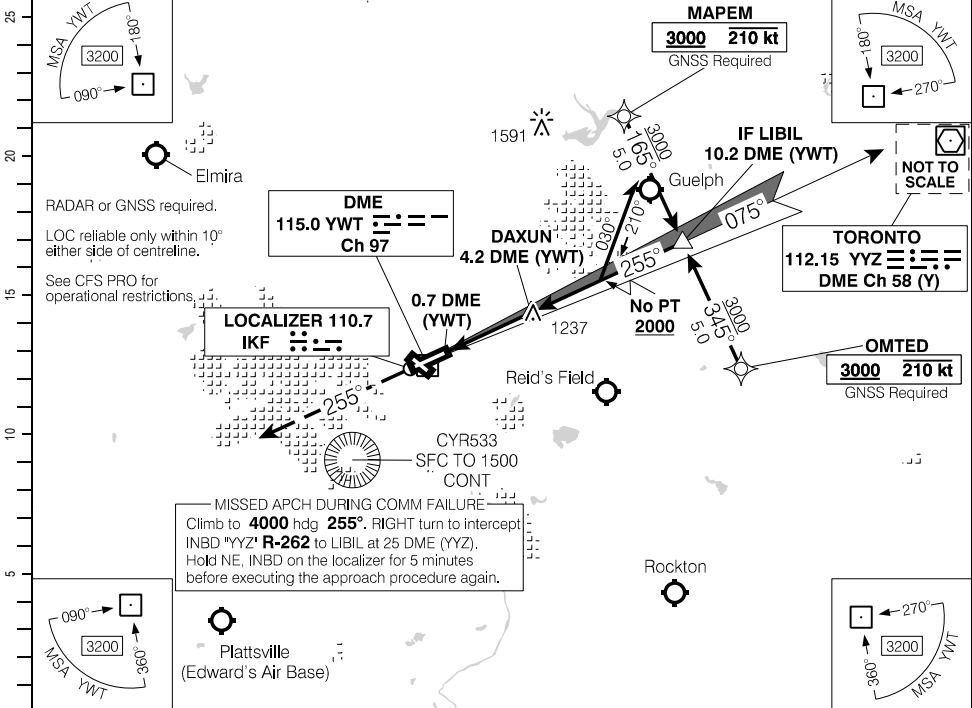
CYKX

EFF 5 NOV 20

ILS RWY 26

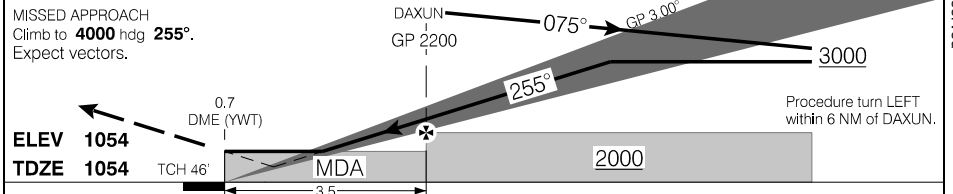
432739N 0802243W VAR 10°W

● ATIS – 125.1	CTR Toronto – 128.27	● TWR Waterloo – 126.0 118.55	● GND Waterloo – 121.8	ARCAL 126.0(K) ⁺ AN.....|||
● MET – 125.1		● TFC – 126.0	● MIF	
SAFE ALT 100 NM 4900	LOC IKF 110.7	APCH CRS 255°	GP DAXUN 2210	LDA 7003



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM DME (YWT)	1.7	3	4	5	6	6.7	8	9	10.2
ALT (3.00° APCH PATH)	1420	1820	2140	2460	2770	3000	3410	3730	4110



RASS: When using CYHM add 100'.			CATEGORY	A	B	C	D
			ILS/DME	1255	(201)	½	
			LOC/DME	1420	(366)	1	
			CIRCLING	1560	(506)	1½	1560 (506) 2 1660 (606) 2
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

ILS RWY 26

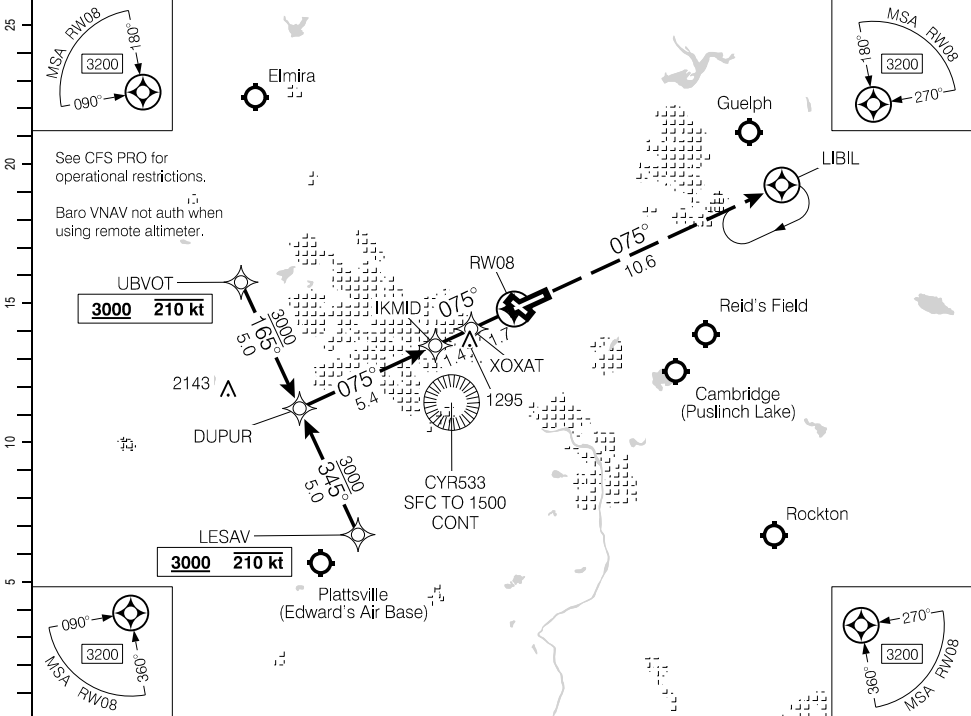
CYKF

EFF 21 MAR 24

RNAV (GNSS) Z RWY 08

432739N 0802243W VAR 10°W

● ATIS – 125.1 ● MET – 125.1	CTR Toronto – 128.27	● TWR Waterloo – 126.0 118.55 ● TFC – 126.0	● GND Waterloo – 121.8 MUF	ARCAL 126.0(K)°
SAFE ALT 100 NM 4900	WAAS Ch 80049 W08A	APCH CRS 075°	MIN ALT IKMID 2100	LDA 7003



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		8.5	8	7	5.9	5	4	3	2	1.3	DIST FROM RWY08
		3870	3710	3380	3000	2720	2390	2060	1730	1500	ALT (3.10° APCH PATH)
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> DUPUR IWP 3870 3000 </div> <div style="margin-right: 20px;"> IKMID FAWP 2100 </div> <div style="margin-right: 20px;"> XOXAT SDWP 1630 </div> <div style="margin-right: 20px;"> RWY08 MAWSP </div> </div> <p>MISSED APPROACH Climb to 4000 track 075° to LIBIL. As required shuttle climb.</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="margin-right: 10px;">3.10°</div> <div style="border: 1px solid black; padding: 5px;">2100</div> <div style="margin-left: 20px;">1600 (LNNAV [enly]) MDA</div> <div style="margin-left: 20px;">TCH 50'</div> <div style="margin-left: 20px; text-align: right;"> ELEV 1054 TDZE 1029 </div> </div>											

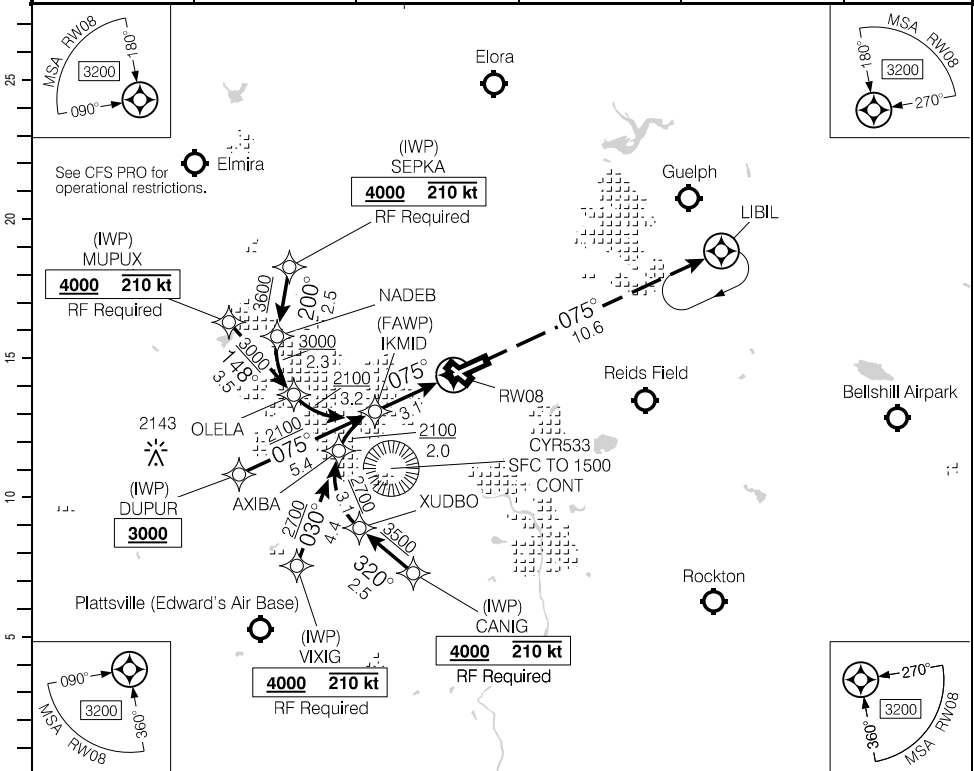
RASS: When using CYHM add 100'	CATEGORY	A	B	C	D																		
	LPV	1273			(250)	1																	
	LNNAV/VNAV (min. -25°C, max. 46°C)	1534			(511)	1¼																	
	LNNAV	1500			(477)	1½																	
	<table border="1"> <tr><th>Knots</th><th>ft/min</th><th>Min:Sec</th></tr> <tr><td>70</td><td>380</td><td></td></tr> <tr><td>90</td><td>490</td><td></td></tr> <tr><td>110</td><td>600</td><td></td></tr> <tr><td>130</td><td>710</td><td></td></tr> <tr><td>150</td><td>820</td><td></td></tr> </table>	Knots	ft/min	Min:Sec	70	380		90	490		110	600		130	710		150	820					
Knots	ft/min	Min:Sec																					
70	380																						
90	490																						
110	600																						
130	710																						
150	820																						

RNAV (GNSS) Z RWY 08

RNAV (RNP) Y RWY 08

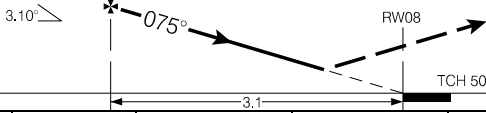
432739N 0802243W VAR 10°W

ATIS – 125.1 MET – 125.1	CTR Toronto – 128.27	TWR Waterloo – 126.0 118.55 TFC – 126.0	GND Waterloo – 121.8 MIF	ARCAL 126.0(K) [*] AO ...
SAFE ALT 100 NM 4900	RNAV	APCH CRS 075°	MIN ALT IKMID 2100	LDA 7003



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MISSED APPROACH
 Climb to **4000** track **075°** to LIBIL.
 As required shuttle climb.



ELEV 1054
TDZE 1029

	CATEGORY	A	B	C	D
	RNP 0.15		1349	(326)		1
RNP 0.30		1576	(553)		2

AUTHORIZATION REQUIRED
 (min. -25° C)
 (max. 54° C)

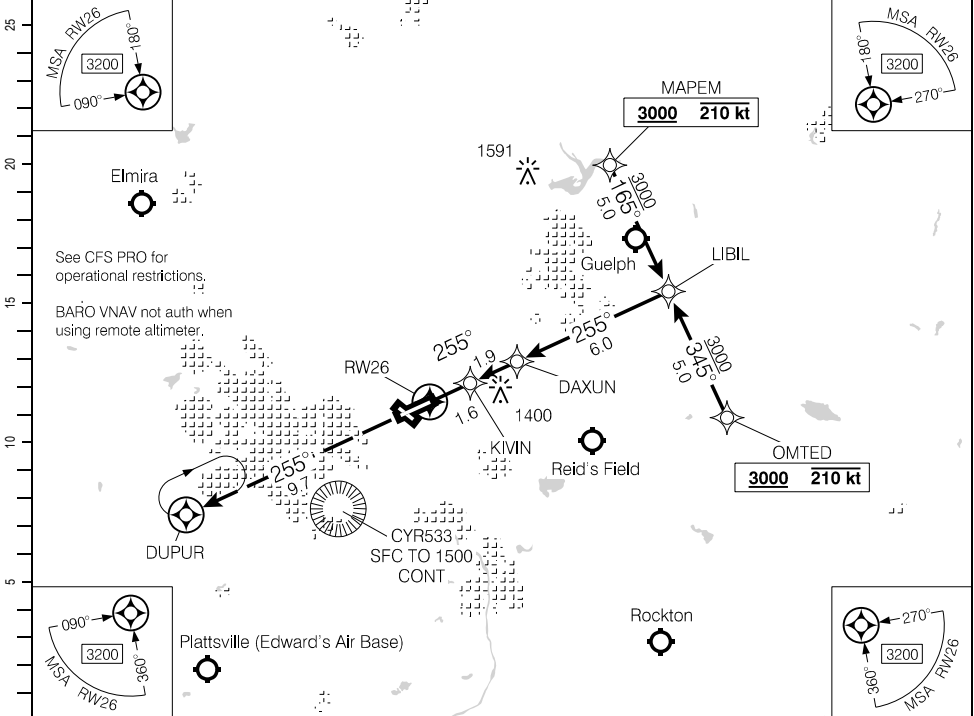
RNAV (RNP) Y RWY 08

EFF 21 MAR 24

RNAV (GNSS) Z RWY 26

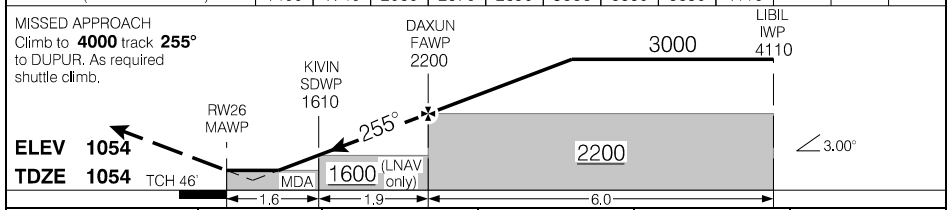
432739N 0802243W VAR 10°W

● ATIS – 125.1	CTR Toronto – 128.27	● TWR Waterloo – 126.0 118.55	● GND Waterloo – 121.8	ARCAL 126.0(K)* P2 AN
● MET – 125.1		● TFC – 126.0	● MIF	
SAFE ALT 100 NM 4900	WAAS Ch 80000 W26A	APCH CRS 255°	MIN ALT DAXUN 2200	LDA 7003



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW26	0.9	2	3	4	5	6.0	7	8	9.5		
ALT (3.00° APCH PATH)	1400	1740	2060	2370	2690	3000	3330	3650	4110		



RASS: When using CYHM add 100'			CATEGORY	A	B	C	D
			LPV	1254	(200)		½
			LNAV/VNAV (min. -21°C, max. 54°C)	1307	(253)		1
			LNAV	1400	(346)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 26

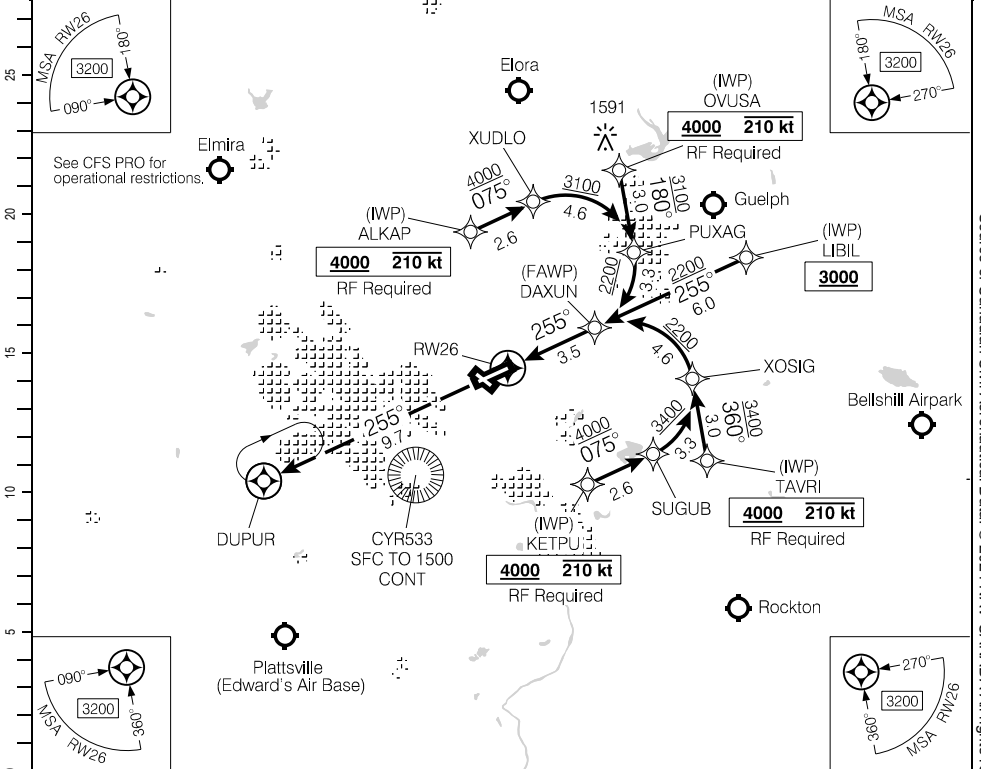
EFF 21 MAR 24

RNAV (RNP) Y RWY 26

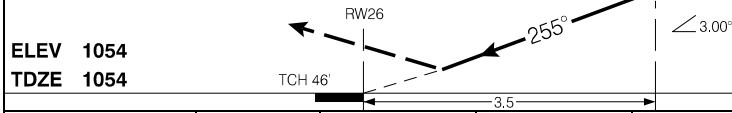
432739N 0802243W VAR 10°W

CYKF

● ATIS – 125.1	CTR Toronto – 128.27	● TWR Waterloo – 126.0 118.55	● GND Waterloo – 121.8	ARCAL 126.0(K) [*] P2 AN
● MET – 125.1		● TFC – 126.0	● MIF	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 255°	MIN ALT DAXUN 2200	LDA 7003



MISSED APPROACH
Climb to **4000** on track **255°**
to DUPUR. As required shuttle climb.



ELEV 1054 TDZE 1054	CATEGORY	A	B	C	D
	RNP 0.15	1366	(312)		1
AUTHORIZATION REQUIRED (min. -21° C) (max. 54° C)	RNP 0.30	1442	(388)		1

RNAV (RNP) Y RWY 26

CYKF

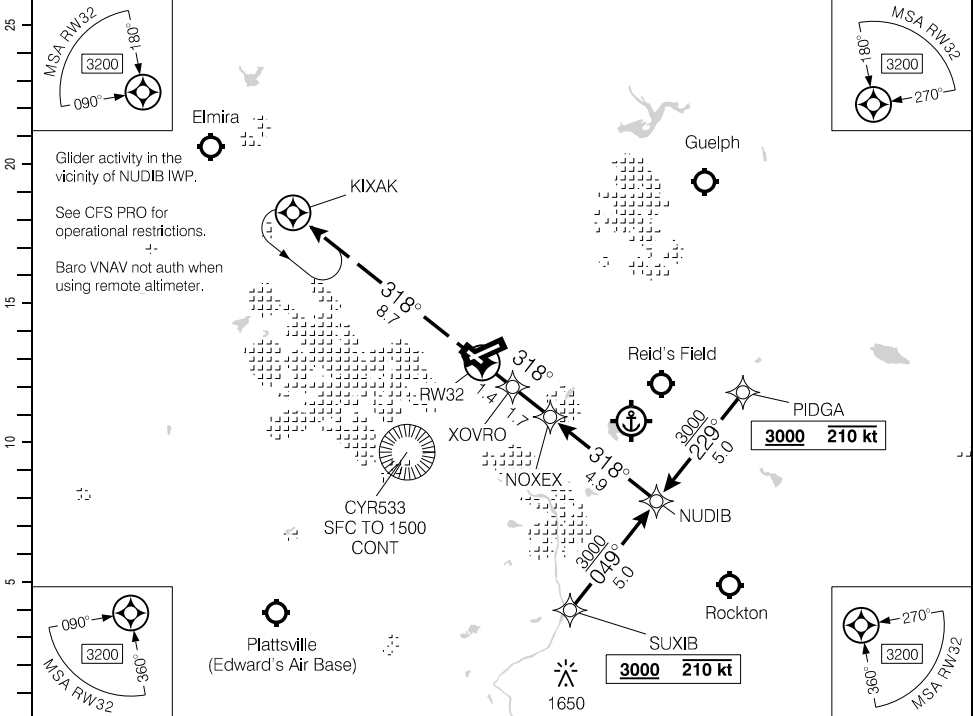
EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

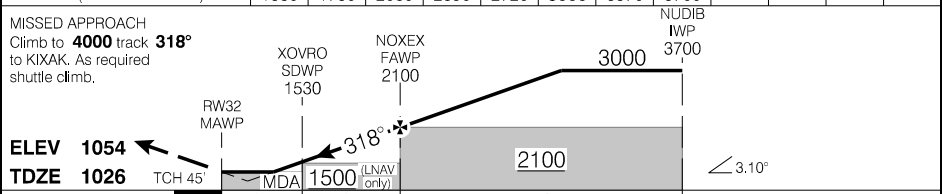
RNAV (GNSS) RWY 32

432739N 0802243W VAR 10°W

● ATIS – 125.1	CTR Toronto – 128.27	● TWR Waterloo – 126.0 118.55	● GND Waterloo – 121.8	ARCAL 126.0(K)* (P1)
● MET – 125.1		● TFC – 126.0	● MIF	
SAFE ALT 100 NM 4900	WAAS Ch 80440 W32A	APCH CRS 318°	MIN ALT NOXEX 2100	LDA 4103



(NM)	DIST FROM RW32	0.9	2	3	4	5	5.9	7	8				
	ALT (3.10° APCH PATH)	1380	1730	2060	2390	2720	3000	3370	3700				



MISSED APPROACH
Climb to **4000** track **318°** to KIXAK. As required shuttle climb.

RASS: When using CYHM add 100'.

CATEGORY			A	B	C	D
LPV			1276	(250)		1
LNAV/VNAV (min. -26°C, max. 47°C)			1284	(258)		1
LNAV			1380	(354)		1/4

Knots	ft/min	Min:Sec	
70	380		
90	490		
110	600		
130	710		
150	820		

RNAV (GNSS) RWY 32

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

All rws: Maintain **4000** unless otherwise assigned by ATC. Expect clearance to flight planned altitude/flight level 10 minutes after departure.

Rwy 08: Climb hdg **075°**, or as assigned for vectors to assigned route.

Rwy 14: Climb hdg **138°**, or as assigned for vectors to assigned route.

Rwy 26: Climb hdg **255°** to **1600**. Then climbing LEFT turn hdg **190°**, or as assigned for vectors to assigned route.

Rwy 32: Climb hdg **318°**, or as assigned for vectors to assigned route.

NOTE: Refer to Noise Abatement Procedures for additional requirements.

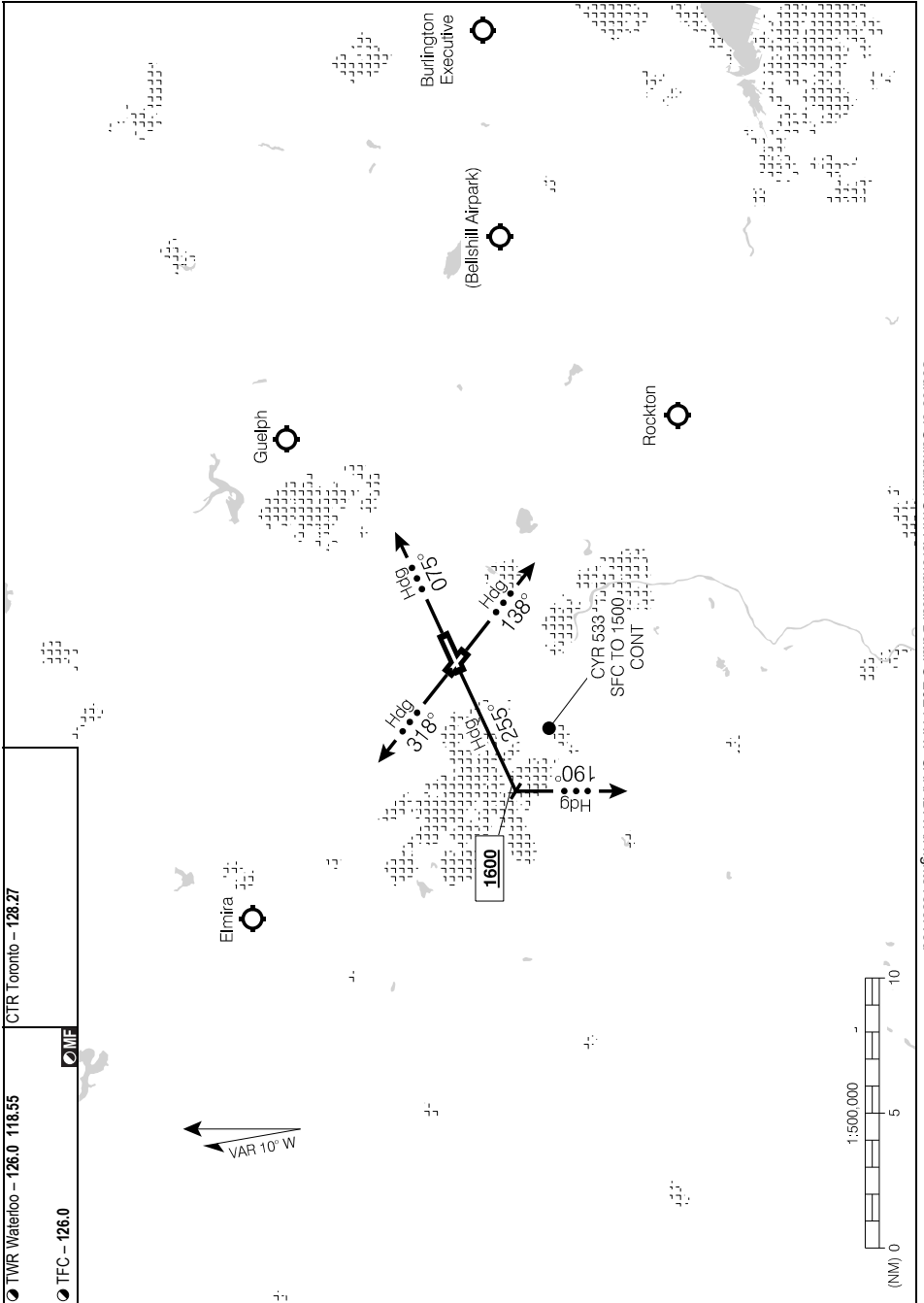
Communication Failure

On recognition of a failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Proceed on course;
3. Do not climb above last assigned altitude for 10 minutes after recognition of the failure (Transponder equipped aircraft 5 minutes), then;
4. Climb to flight planned altitude.

SID (VECTOR)
WATERLOO THREE DEP (CYKF3.)

KITCHENER/WATERLOO, ON
CYKF



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

WATERLOO THREE DEP (CYKF3.)
EFF 24 MAR 22

CYKF

NOISE ABATEMENT PROCEDURES

General

Pursuant to CAR 602.105, the following procedures apply to all IFR aircraft operating at Kitchener/Waterloo Airport.

Departures

Rwy	NADP
All rwys	1 or 2

Rwy 26:

Rwy heading to 1600. Left turn heading **190°**. Heading **190°** to WT 4 DME BPOC.

Rwy 32:

Rwy heading to WT 4 DME BPOC.

Arrivals

Contact and Visual Approaches (Rwys 08, 14 and 32):

1. Remain on or above assumed **3°** glide path.
2. Maintain **3000** or last assigned altitude until established on final.

Preferential Rwys

Between 2300 and 0600 hours local time, consistent with safety of operations, pilots should select runways in the following order of priority:

Departures	Arrivals
Rwy 08	Rwy 26
Rwy 14	Rwy 32
Rwy 32	Rwy 14
Rwy 26	Rwy 08

Training Flights

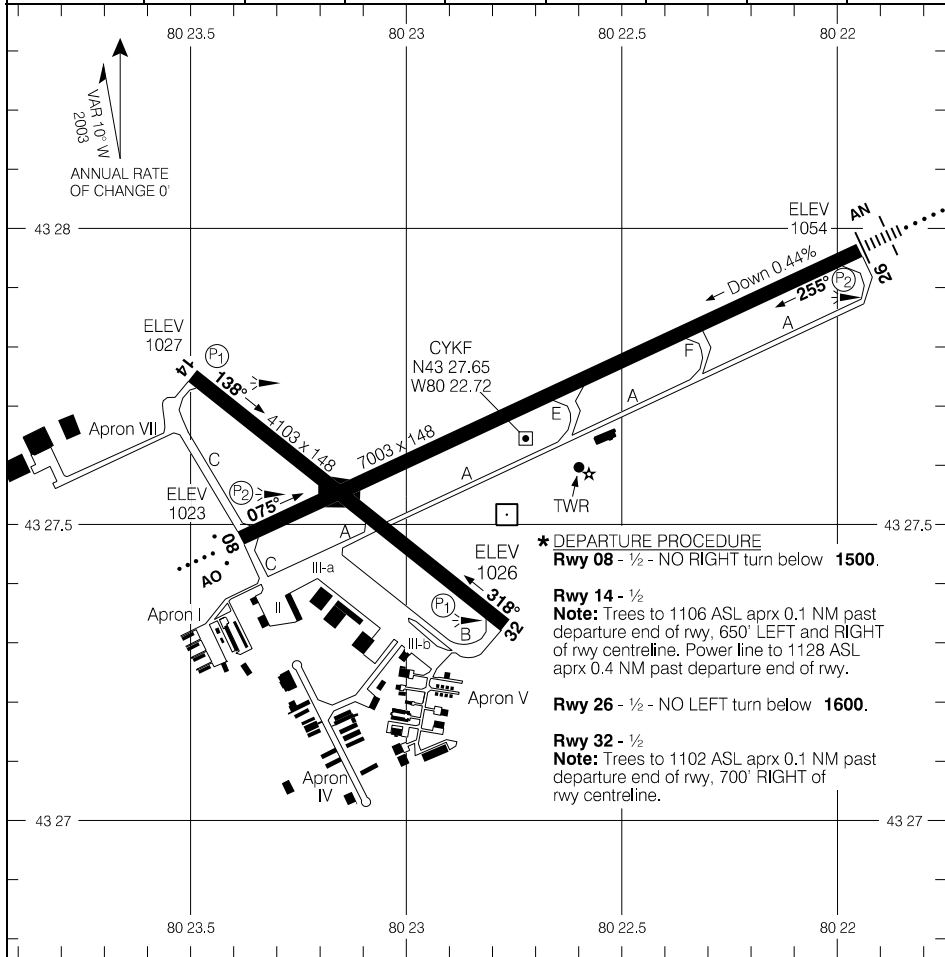
No IFR or VFR training flights to rwy 08 are permitted between 2100 and 0700 hours local time.

Inquiries

Contact Airport Operations at 519-648-3370.

AERODROME CHART

● ATIS - 125.1	● GND Waterloo - 121.8			● TWR Waterloo - 126.0 118.55	CTR Toronto - 128.27
● MET - 125.1				● TFC - 126.0	MF
DECLISTS	08	26	14	32	
TORA	7003	7003	4103	4103	
TODA	7987	7659	5087	4634	
ASDA	7003	7003	4103	4103	
LDA	7003	7003	4103	4103	



*** DEPARTURE PROCEDURE**
Rwy 08 - ½ - NO RIGHT turn below **1500**.
Rwy 14 - ½
Note: Trees to 1106 ASL aprx 0.1 NM past departure end of rwy, 650' LEFT and RIGHT of rwy centreline. Power line to 1128 ASL aprx 0.4 NM past departure end of rwy.
Rwy 26 - ½ - NO LEFT turn below **1600**.
Rwy 32 - ½
Note: Trees to 1102 ASL aprx 0.1 NM past departure end of rwy, 700' RIGHT of rwy centreline.

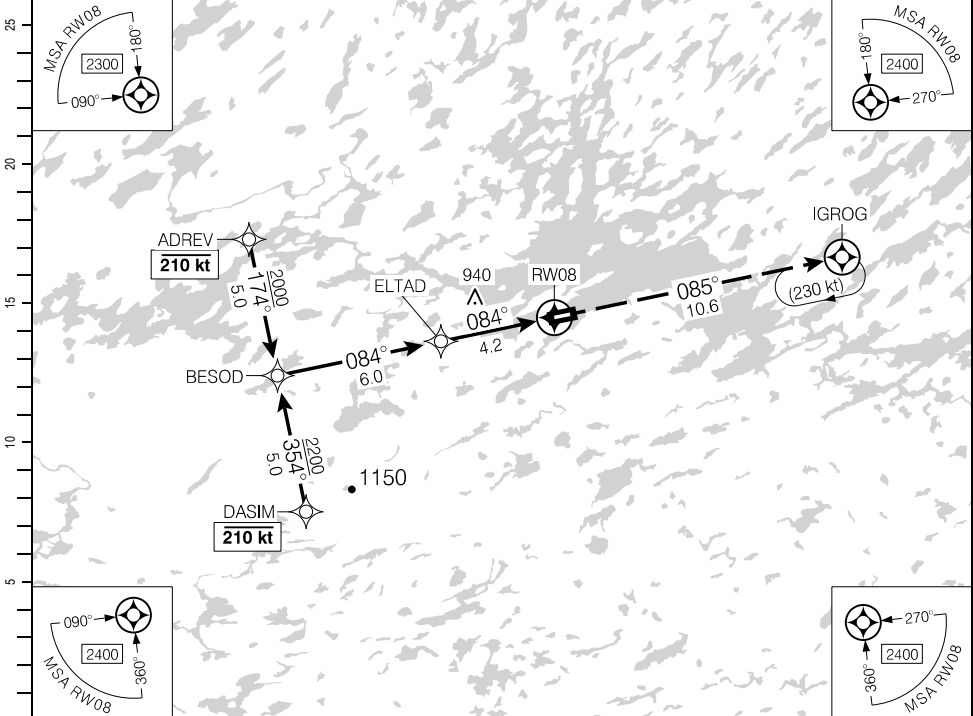
RVO		LVO	
RWY 08, 26: (1/4sm)		NOT AUTHORIZED	
TAKE-OFF MINIMA		SCALE IN FEET	
All Rwys: *		1000 0 1000	

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 08

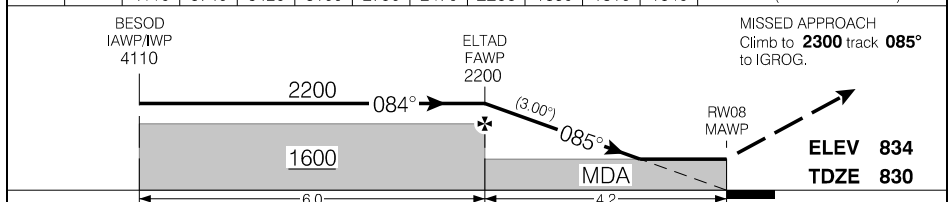
521144N 0875603W VAR 6°W

AWOS - 128.4		TFC - 122.8		ARCAL 122.8(K)*	
SAFE ALT 100 NM 2700		RNAV	APCH CRS 084°	MIN ALT ELTAD 1600	LDA 3484



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10.2	9	8	7	6	5	4.2	3	2	1.5	DIST FROM RWY08
	4110	3740	3420	3100	2790	2470	2200	1830	1510	1340	ALT (3.00° APCH PATH)



CATEGORY	A	B	C	D
LNAV	1340		(515)	1½

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV (GNSS) RWY 08

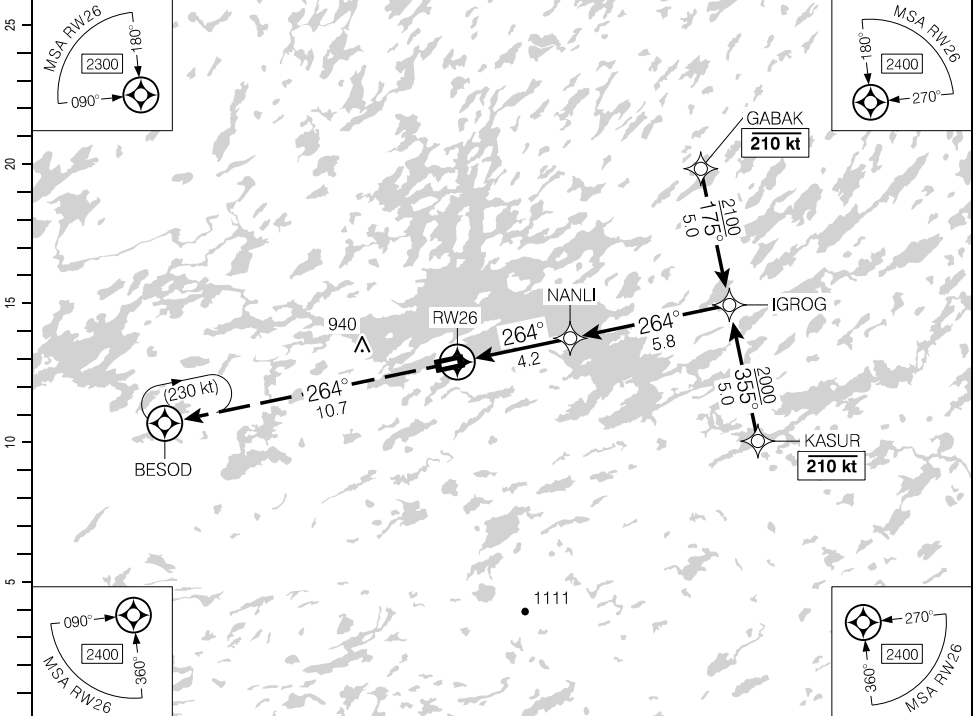
CYLH

EFF 31 DEC 20

RNAV (GNSS) RWY 26

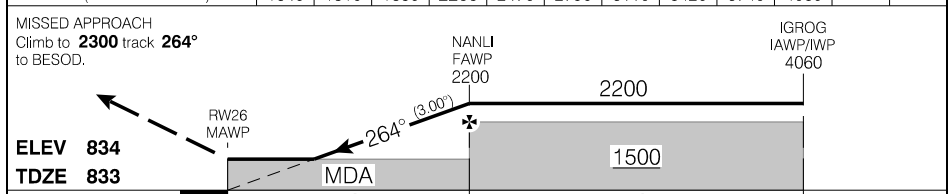
521144N 0875603W VAR 6°W

AWOS - 128.4	TFC - 122.8			ATF	ARCAL 122.8(K)*
SAFE ALT 100 NM 2700	RNAV	APCH CRS 264°	MIN ALT NANLI 1500	LDA 3484	Ⓟ 2



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DIST FROM RW26	1.5	2	3	4.2	5	6	7	8	9	10		
ALT (3.00° APCH PATH)	1340	1510	1830	2200	2470	2790	3110	3420	3740	4060		



ELEV 834		TDZE 833			
CATEGORY		A	B	C	D
LNAV		1340		(513)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

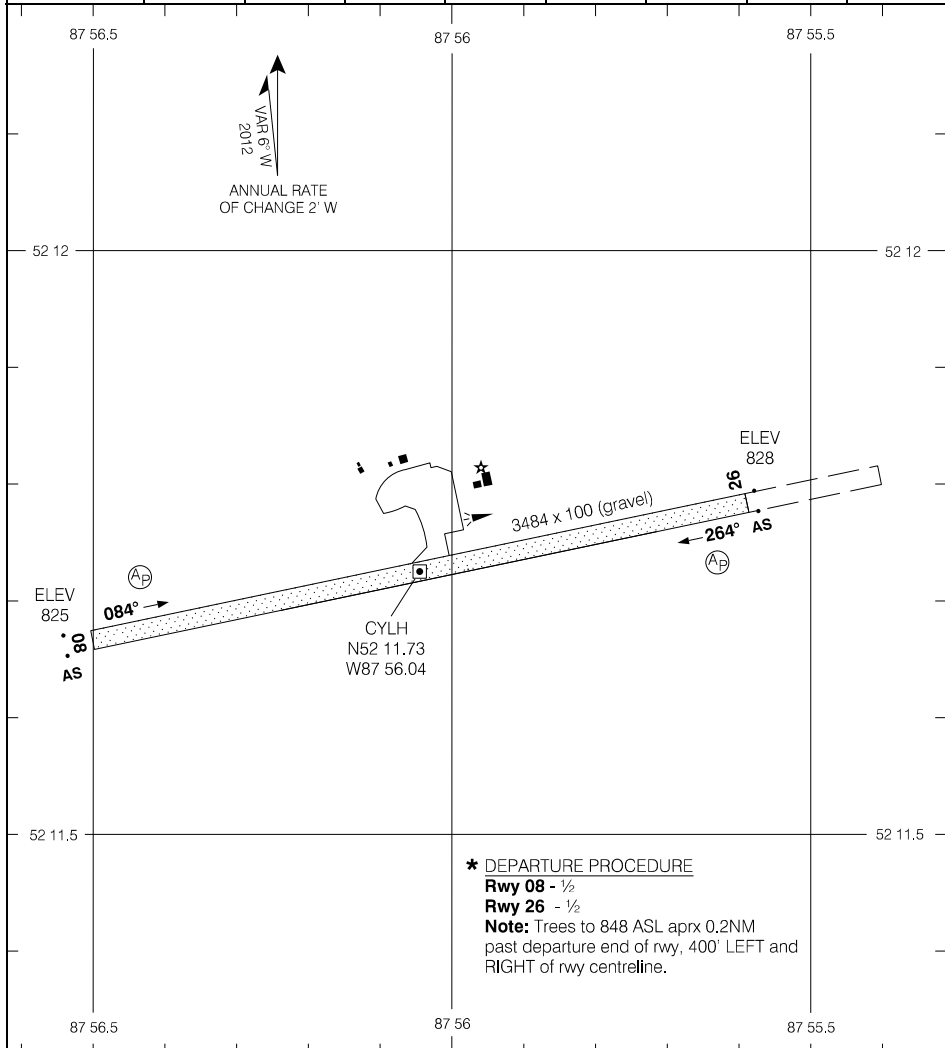
RNAV (GNSS) RWY 26

CYLH

EFF 31 DEC 20

AERODROME CHART

AWOS - 128.4				TFC - 122.8		RADIO London - 123.37 DRCO	
						ATF	
DECL	DISTS	08	26				
TORA		3484	3484				
TODA		4468	4468				
ASDA		3484	3484				
LDA		3484	3484				

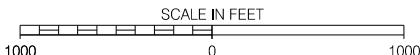


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

*** DEPARTURE PROCEDURE**
Rwy 08 - 1/2
Rwy 26 - 1/2
Note: Trees to 848 ASL aprx 0.2NM past departure end of rwy, 400' LEFT and RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 08, 26: *



AERODROME CHART

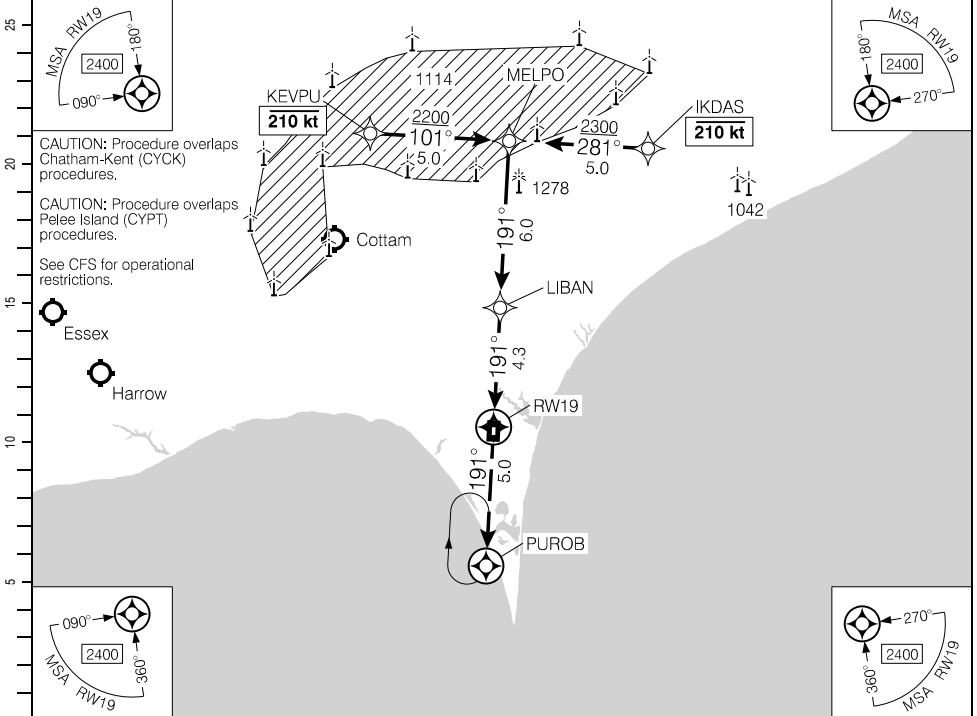
EFF 27 JAN 22

CYLH

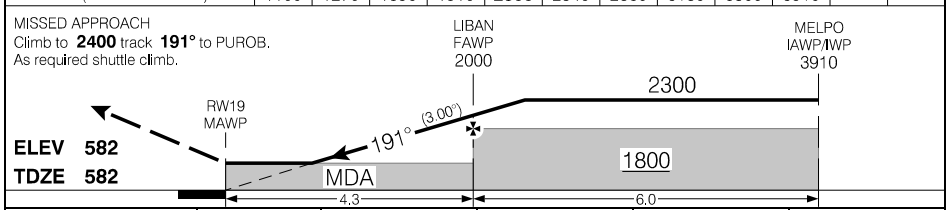
RNAV (GNSS) RWY 19

420129N 0823130W VAR 8°W

ARR Detroit – 134.3		TFC – 123.2			ATF	ARCAL 123.2(j)
SAFE ALT 100 NM 3100	RNAV	APCH CRS 191°	MIN ALT LIBAN 1800	LDA 2890		



(NM)	DIST FROM RW19	1.5	2	3	4	5.2	6	7	8	9	10.3		
	ALT (3.00° APCH PATH)	1100	1270	1590	1910	2300	2540	2860	3180	3500	3910		



RASS: Use CYQG.		CATEGORY	A	B	C	D
		LNAV	1100 (518)	1½	NOT AUTHORIZED	
		CIRCLING	1260 (678)	2	NOT AUTHORIZED	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 19

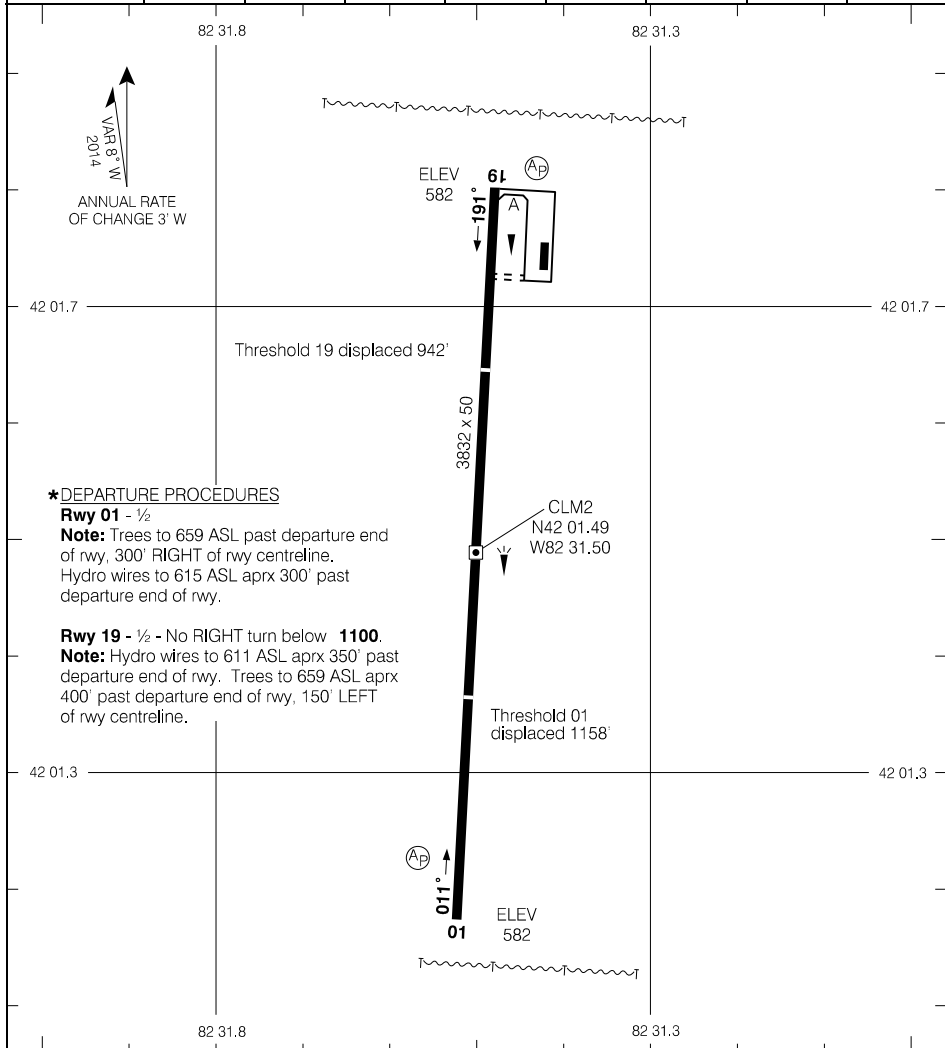
CLM2

EFF 10 SEP 20

AERODROME CHART

				TFC - 123.2		ARR Detroit - 134.3	
						ATF	

DECL DIST	01	19					
TORA	3832	3832					
TODA	3832	3832					
ASDA	3832	3832					
LDA	2674	2890					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

***DEPARTURE PROCEDURES**

Rwy 01 - ½

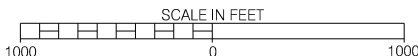
Note: Trees to 659 ASL past departure end of rwy, 300' RIGHT of rwy centreline.
Hydro wires to 615 ASL aprx 300' past departure end of rwy.

Rwy 19 - ½ - No RIGHT turn below 1100.

Note: Hydro wires to 611 ASL aprx 350' past departure end of rwy. Trees to 659 ASL aprx 400' past departure end of rwy, 150' LEFT of rwy centreline.

TAKE-OFF MINIMA

Rwys 01, 19: *



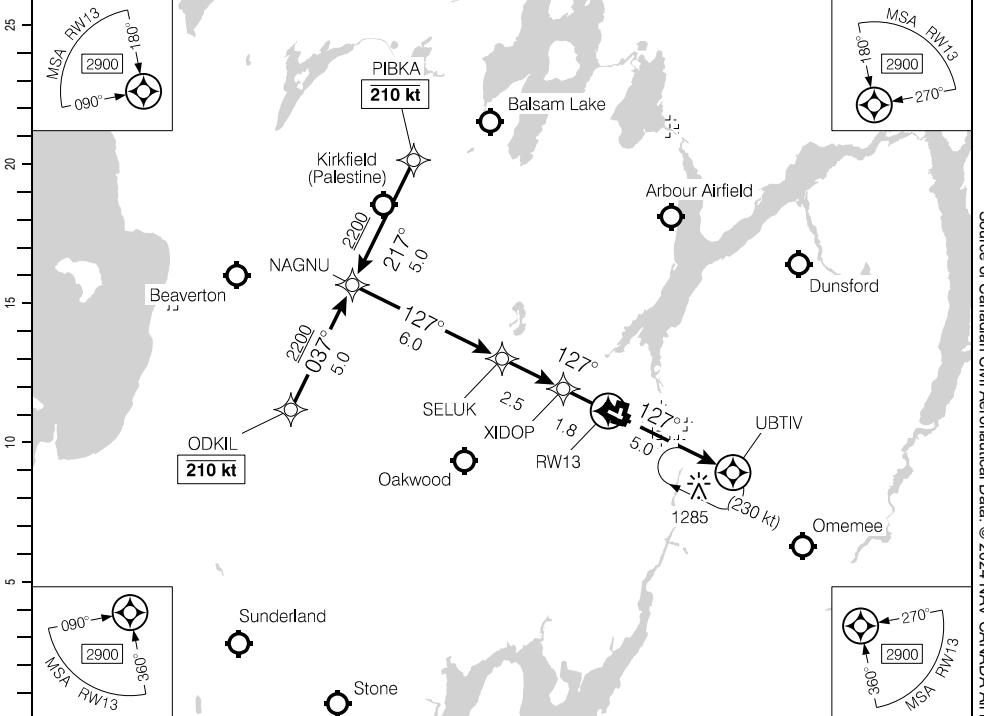
AERODROME CHART

EFF 5 DEC 19

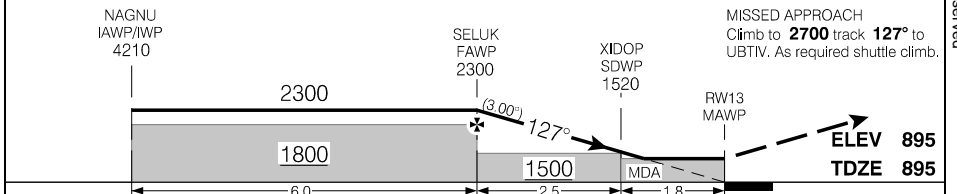
CLM2

RNAV (GNSS) RWY 13

CTR Toronto - 134.25		UNICOM - 122.72			ARCAL 122.725(K)
SAFE ALT 100 NM 4500	RNAV	APCH CRS 127°	MIN ALT SELUK 1800	LDA 3508	ATF



(NM)	10.3	9	8	7	6	5	4.3	3	2	1.4	DIST FROM RW13
	4210	3810	3490	3170	2860	2540	2300	1900	1580	1400	ALT (3.00° APCH PATH)



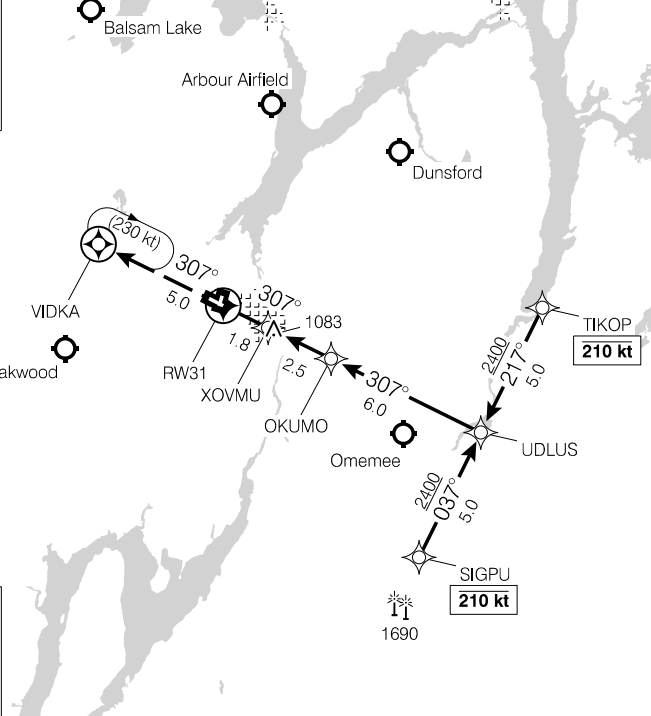
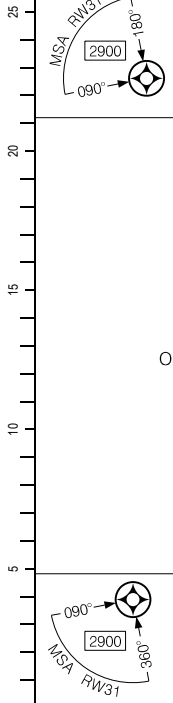
RASS: Use CYPQ.			CATEGORY	A	B	C	D
NAVN			1400		(505)	1½	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 13

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

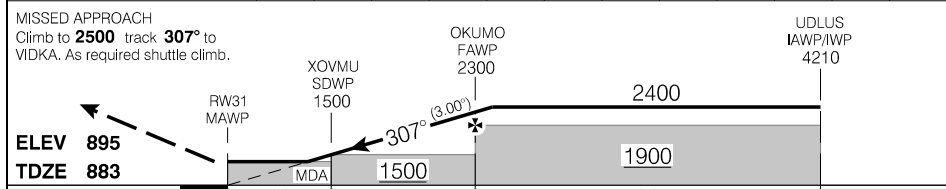
RNAV (GNSS) RWY 31

CTR Toronto – 134.25		UNICOM – 122.72			ARCAL 122.725(K)
SAFE ALT 100 NM 4500	RNAV	APCH CRS 307°	MIN ALT OKUMO 1900	LDA 3508	ATF



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

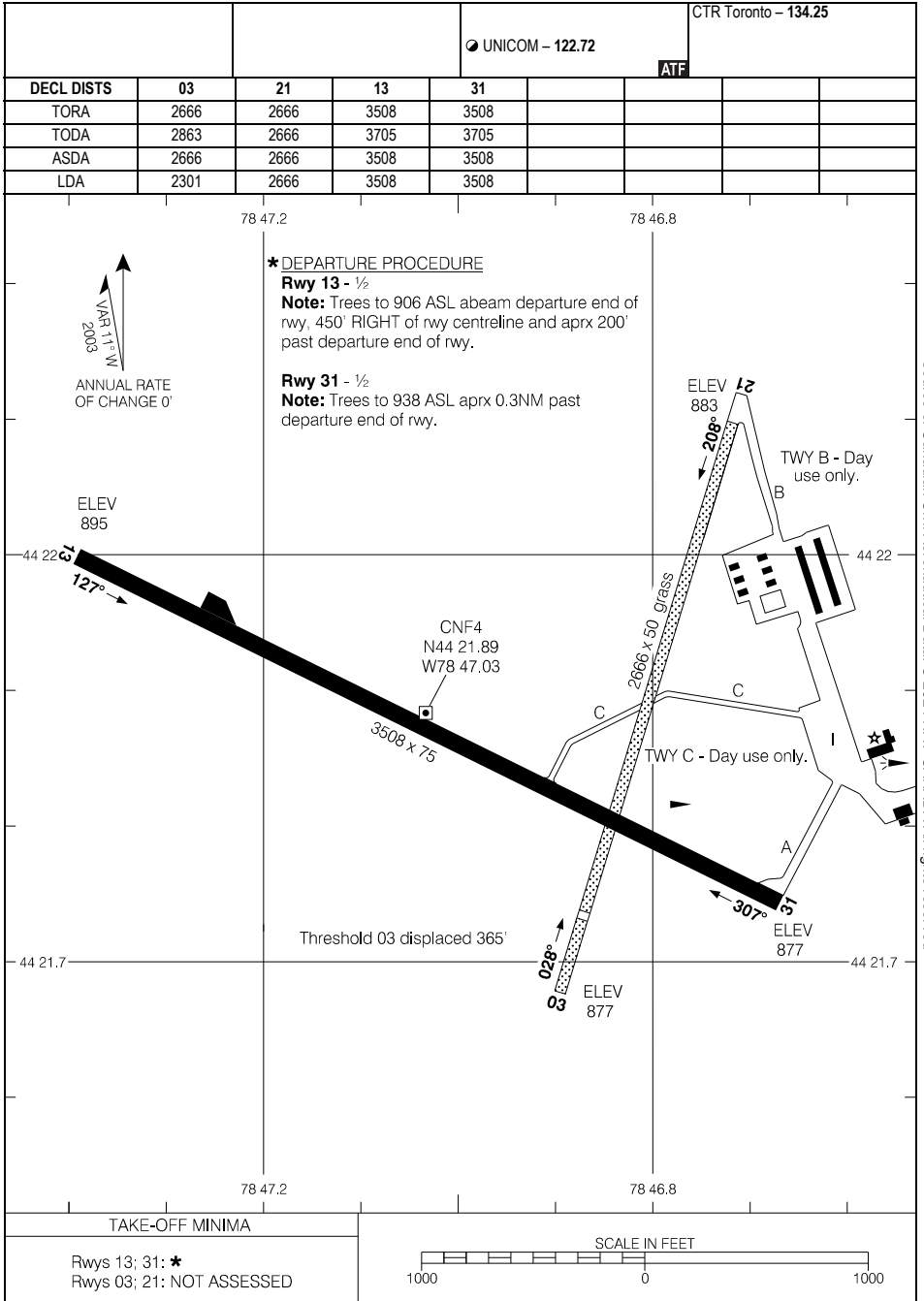
DIST FROM RWY31	1.4	2	3	4	4.6	6	7	8	9	10.3		
ALT (3.00° APCH PATH)	1380	1560	1880	2200	2400	2840	3160	3480	3790	4210		



RASS: Use CYPQ.				CATEGORY					
LNAV		A		B		C		D	
LNAV		1380		(503)		1½			
Knots	ft/min	Min:Sec							
70	370								
90	480								
110	580								
130	690								
150	800								

RNAV (GNSS) RWY 31

AERODROME CHART



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

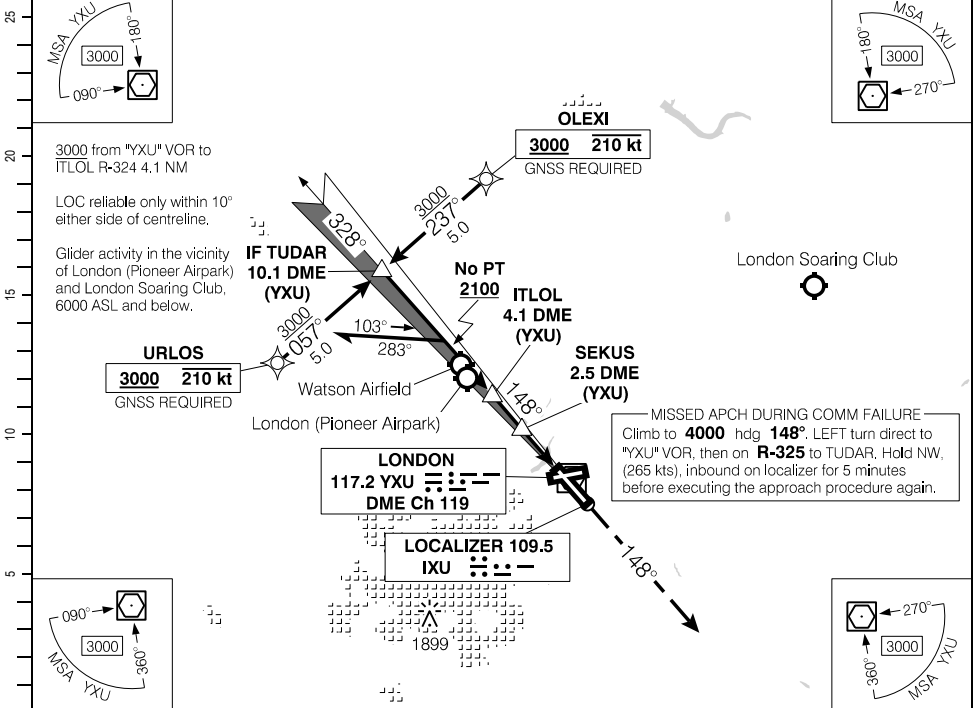
AERODROME CHART

EFF 21 MAR 24

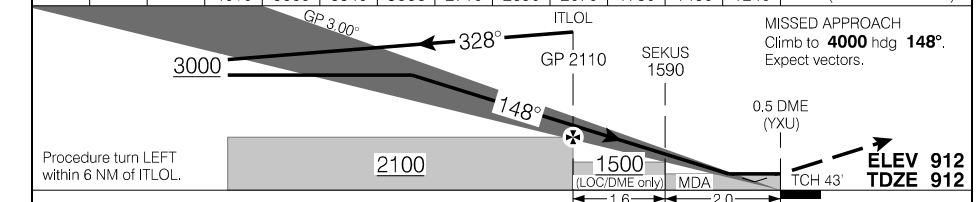
ILS RWY 15

430159N 0810904W VAR 9°W

● ATIS – 127.8	CTR Toronto – 135.3	● TWR – 119.4 125.65 ● RADIO Sudbury – 119.4	● GND – 121.9	ARCAL 119.4(K)
SAFE ALT 100 NM 4900	LOC IXU 109.5	APCH CRS 148°	GP ITLLOL 2110	LDA 8800



(NM)	10.1	9	8	6.9	6	5	4	3	2	1.4	DIST FROM DME (YXU)
	4010	3660	3340	3000	2710	2390	2070	1750	1430	1240	ALT (3.00° APCH PATH)



RASS: When using CYQS add 60'.		CATEGORY	A	B	C	D
		ILS/DME	1112	(200)	½ RVR 26	
		LOC/DME	1240	(328)	1 RVR 50	
		CIRCLING	1420	(508) 1½	1420 (508) 2	1520 (608) 2
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

ILS RWY 15

CYXU

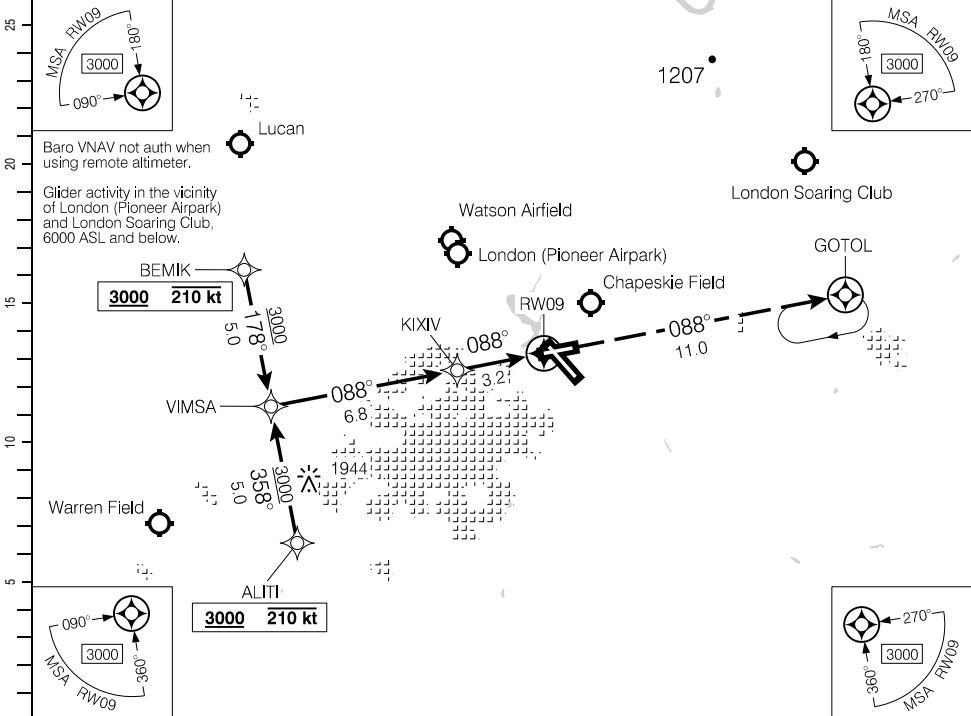
EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

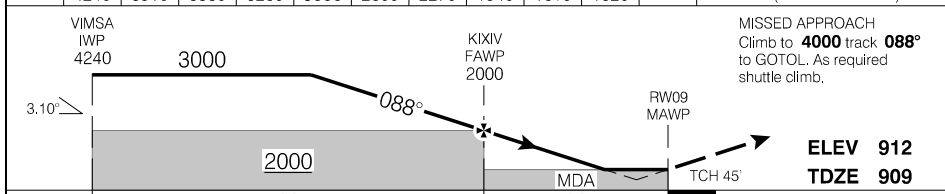
RNAV (GNSS) RWY 09

430159N 0810904W VAR 9°W

ATIS - 127.8 SAFE ALT 100 NM 4900	CTR Toronto - 135.3 WAAS Ch 80732 W09A	TWR - 119.4 125.65 RADIO Sudbury - 119.4 MFR	GND - 121.9 LDA 6300	ARCAL 119.4(K) P2
APCH CRS 088°		MIN ALT KIXIV 2000		



(NM)	10	9	8	7	6.2	5	4	3	2	1.1		DIST FROM RWY09
	4240	3910	3580	3260	3000	2600	2270	1940	1610	1320		ALT (3.10° APCH PATH)



RASS: When using CYQS add 60'.			CATEGORY LPV	A 1157	B (250)	C 1	D
Knots 70 90 110 130 150	ft/min 380 490 600 710 820	Min:Sec	LNAV/VNAV (min. -26°C, max. 47°C) LNAV	1365 1320	(458) (413)	1½ 1¼	

RNAV (GNSS) RWY 09

CYXU

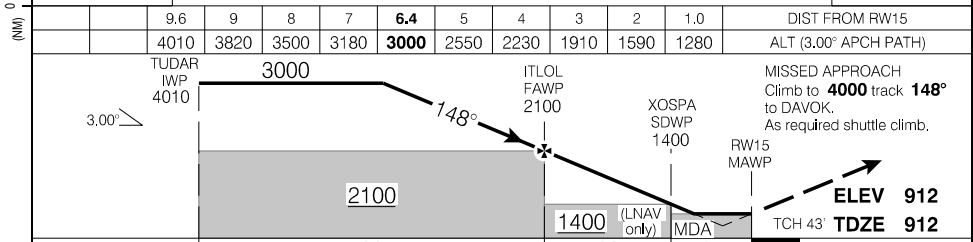
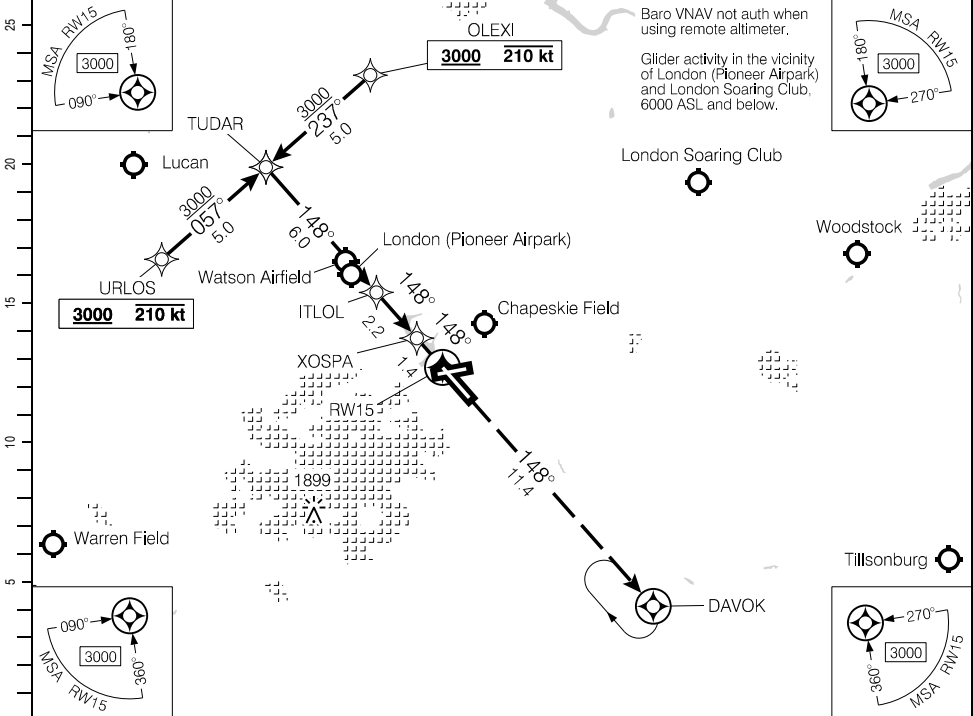
EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Z RWY 15

430159N 0810904W VAR 9°W

ATIS - 127.8 SAFE ALT 100 NM 4900	CTR Toronto - 135.3 WAAS Ch 80731 W15A	TWR - 119.4 125.65 RADIO Sudbury - 119.4 MFB	GND - 121.9 ARCAL 119.4 (K)
AN			



RASS: When using CYQS add 60'. TUDAR IWP 4010	CATEGORY	A	B	C	D
	LPV	1112	(200)	½ RVR 26	
Knots 70 90 110 130 150	ft/min 370 480 580 690 800	Min:Sec (min. -21°C, max. 54°C)	1190 (278)	(368)	1 RVR 50
LNAV/VNAV		1280	(368)	1 RVR 50	
LNAV					

RNAV (GNSS) Z RWY 15

CYXU

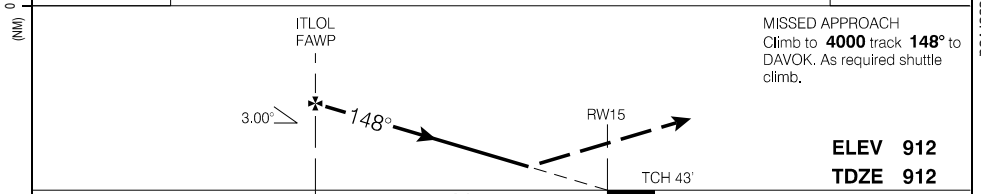
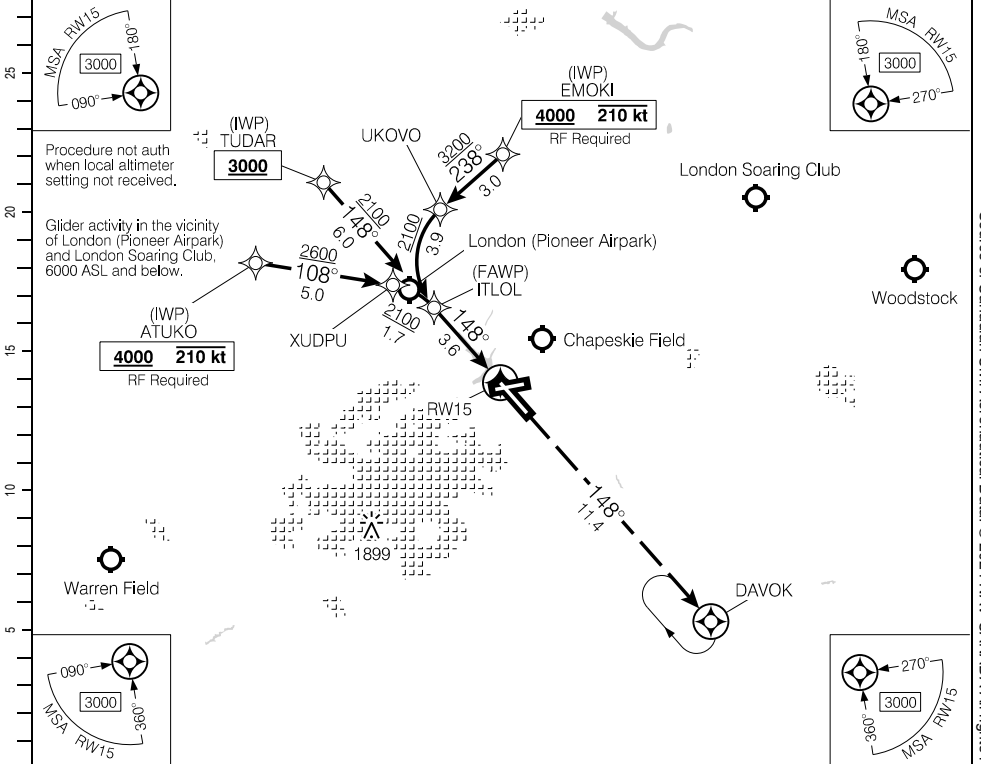
EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (RNP) Y RWY 15

430159N 0810904W VAR 9°W

<p>● ATIS – 127.8</p>	<p>CTR Toronto – 135.3</p>	<p>● TWR – 119.4 125.65 ● RADIO Sudbury – 119.4</p>	<p>● GND – 121.9</p>	<p>ARCAL 119.4(K)</p>
<p>SAFE ALT 100 NM 4900</p>	<p>RNAV</p>	<p>APCH CRS 148°</p>	<p>MIN ALT ITLLOL 2100</p>	<p>LDA 8800</p>



	CATEGORY	A	B	C	D
	RNP 0.15		1220	(308)	1 RVR 50
AUTHORIZATION REQUIRED (min. -21° C) (max. 54° C)	RNP 0.30		1278	(366)	1 RVR 50

RNAV (RNP) Y RWY 15
EFF 27 JAN 22

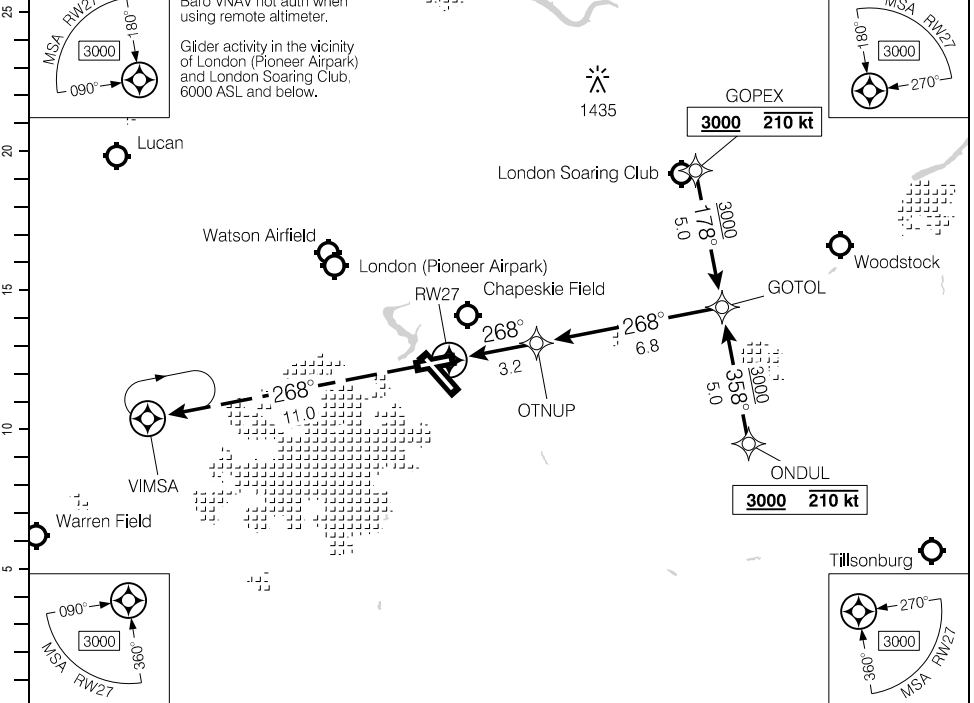
CYXU

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 27

430159N 0810904W VAR 9°W

☑ ATIS – 127.8	CTR Toronto – 135.3	☑ TWR – 119.4 125.65 ☑ RADIO Sudbury – 119.4	☑ GND – 121.9	ARCAL 119.4(K)
SAFE ALT 100 NM 4900	WAAS Ch 80733 W27A	APCH CRS 268°	MIN ALT OTNUP 2000	LDA 6300



DIST FROM RW27	1.1	2	3	4	5	6.2	7	8	9	10		
ALT (3.10° APCH PATH)	1300	1600	1930	2260	2590	3000	3250	3580	3910	4240		

MISSED APPROACH
Climb to **4000** track **268°** to VIMS A.
As required shuttle climb.

OTNUP FAWP 2000

GOTOL IWP 4240

ELEV 912
TDZE 902

TCH 45°

MDA

3.2

6.8

3000

2000

3.10°

RASS: When using CYQS add 60'.			CATEGORY	A	B	C	D
			LPV	1151	(250)		1
			LNAV/VNAV (min. -26°C, max. 47°C)	1195	(294)		1
			LNAV	1300	(399)		1¼
Knots	ft/min	Min:Sec					
70	380						
90	490						
110	600						
130	710						
150	820						

RNAV (GNSS) RWY 27

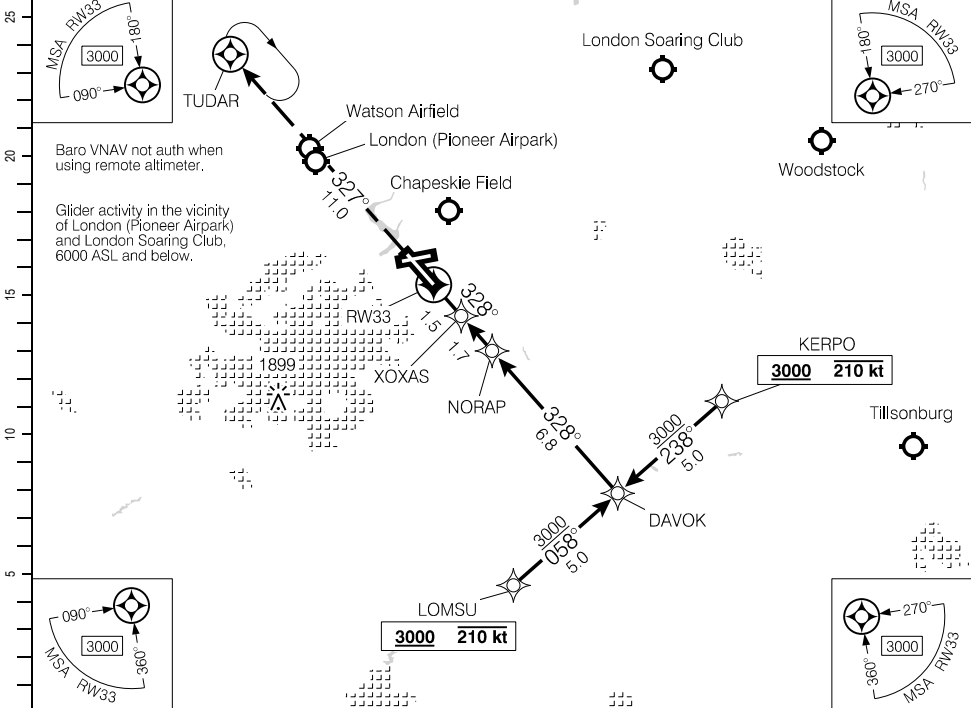
CYXU

EFF 27 JAN 22

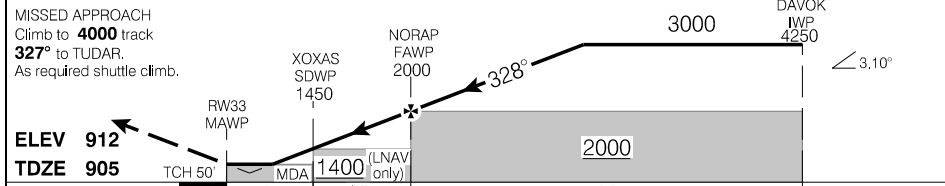
RNAV (GNSS) Z RWY 33

430159N 0810904W VAR 9°W

● ATIS – 127.8	CTR Toronto – 135.3	● TWR – 119.4 125.65 ● RADIO Sudbury – 119.4	● GND – 121.9	ARCAL 119.4(K)
SAFE ALT 100 NM 4900	WAAS Ch 80307 W33A	APCH CRS 328°	MIN ALT NORAP 2000	LDA 8800



DIST FROM RW33	0.8	2	3	4	5	6.2	7	8	9	10		
ALT (3.10° APCH PATH)	1220	1610	1940	2270	2600	3000	3260	3590	3920	4250		



RASS: When using CYQS add 60'.			CATEGORY	A	B	C	D
LPV				1155	(250)		1
LNAV/VNAV (min. -25°C, max. 46°C)				1155	(250)		1
LNAV				1220	(315)		1
Knots	ft/min	Min:Sec					
70	380						
90	490						
110	600						
130	710						
150	820						

RNAV (GNSS) Z RWY 33

CYXU

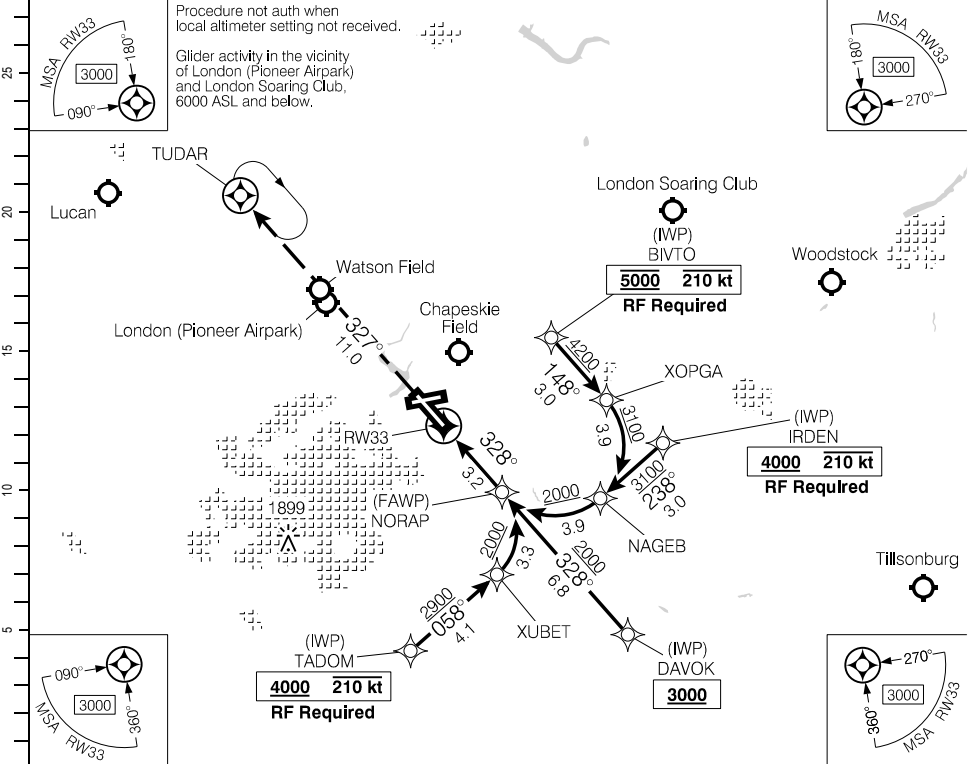
EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

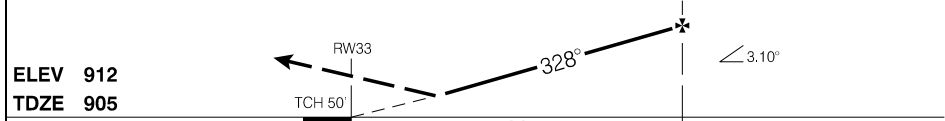
RNAV (RNP) Y RWY 33

430159N 0810904W VAR 9°W

<p>● ATIS – 127.8</p>	<p>CTR Toronto – 135.3</p>	<p>● TWR – 119.4 125.65 ● RADIO Sudbury – 119.4</p>	<p>● GND – 121.9</p>	<p>ARCAL 119.4(K)</p>
<p>SAFE ALT 100 NM 4900</p>	<p>RNAV</p>	<p>APCH CRS 328°</p>	<p>MIN ALT NORAP 2000</p>	<p>LDA 8800</p>



MISSED APPROACH
Climb to **4000** track **327°** to TUDAR.
As required shuttle climb.



<p>ELEV 912 TDZE 905</p>	<p>CATEGORY</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>
	<p>RNP 0.10</p>	<p>1193</p>	<p>(288)</p>	<p>1</p>	<p></p>
<p>AUTHORIZATION REQUIRED (min. -25° C) (max. 46° C)</p>	<p>RNP 0.30</p>	<p>1268</p>	<p>(363)</p>	<p>1¼</p>	<p></p>
	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>

RNAV (RNP) Y RWY 33

CYXU

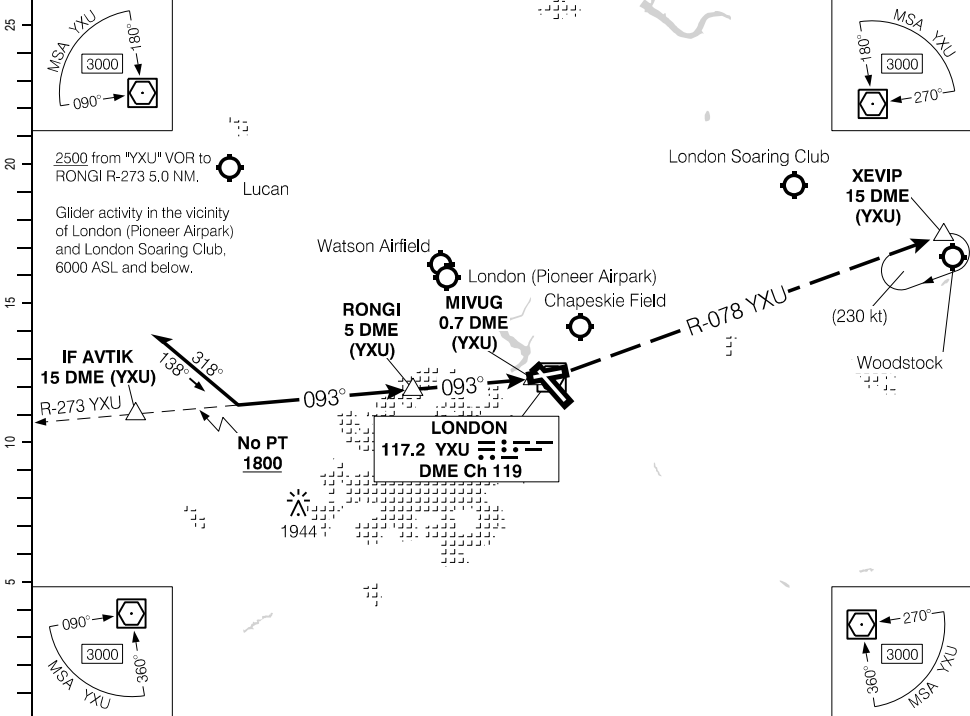
EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

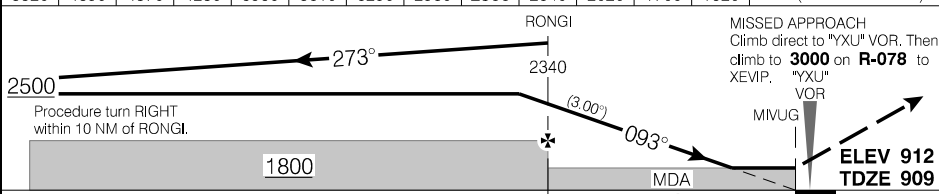
VOR/DME RWY 09

430159N 0810904W VAR 8°W

ATIS – 127.8 SAFE ALT 100 NM 4900	CTR Toronto – 135.3 VOR YXU 117.2	TWR – 119.4 125.65 RADIO Sudbury – 119.4 MF	GND – 121.9 LDA 6300	ARCAL 119.4(K) P2 AO 6.0°
--	--	---	-----------------------------------	---------------------------------



(NM)	15	13	12	11	10	9	8	7	5.5	5	4	3	1.8	DIST FROM DME (YXU)
	5520	4890	4570	4250	3930	3610	3290	2980	2500	2340	2020	1700	1320	ALT (3.00° APCH PATH)



RASS: When using CYQS add 60'.	CATEGORY	A	B	C	D
	VOR/DME	1320		(411)	1¼
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

VOR/DME RWY 09

CYXU

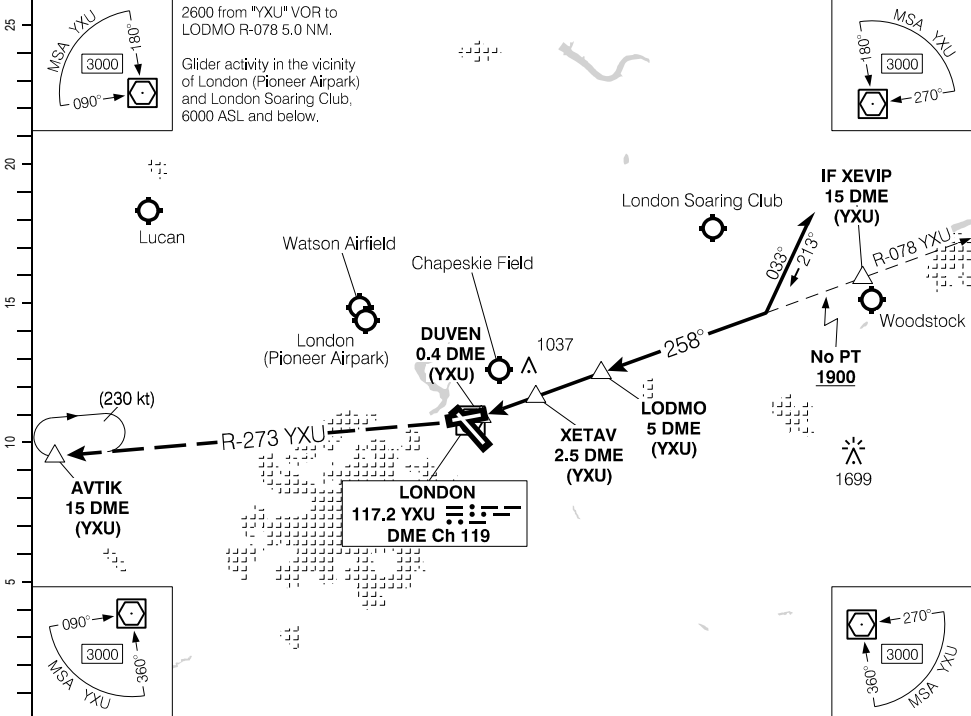
EFF 27 JAN 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

VOR/DME RWY 27

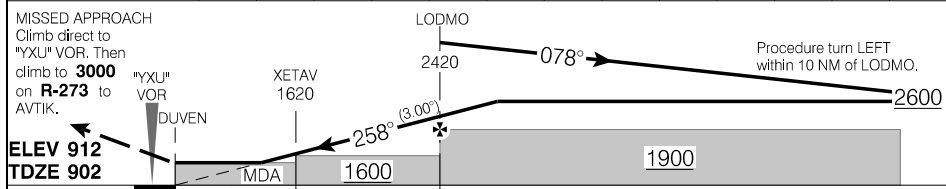
430159N 0810904W VAR 8°W

ATIS - 127.8 SAFE ALT 100 NM 4900	CTR Toronto - 135.3 VOR YXU 117.2	TWR - 119.4 125.65 RADIO Sudbury - 119.4 GND - 121.9 MF	ARCAL 119.4(K)
APCH CRS 258°	MIN ALT LODMO 1900	LDA 6300	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		1.5	2	3	4	5	5.6	7	8	9	10	11	12	15
	DIST FROM DME (YXU)													
	ALT (3.00° APCH PATH)	1300	1460	1780	2100	2420	2600	3050	3370	3690	4010	4330	4650	5600



RASS: When using CYQS add 60'.			CATEGORY VOR/DME	A 1300	B (398)	C 1¼	D
Knots 70 90 110 130 150	ft/min 370 480 580 690 800	Min:Sec					

VOR/DME RWY 27

CYXU

EFF 25 JAN 24

Departure Route Description

Unless otherwise assigned by ATC:

All rwys: Maintain **4000**. EXPECT clearance to flight planned altitude/flight level 10 minutes after departure.

Rwy 09: Climb hdg **088°** for vectors.

Rwy 15: Climb hdg **148°** for vectors.

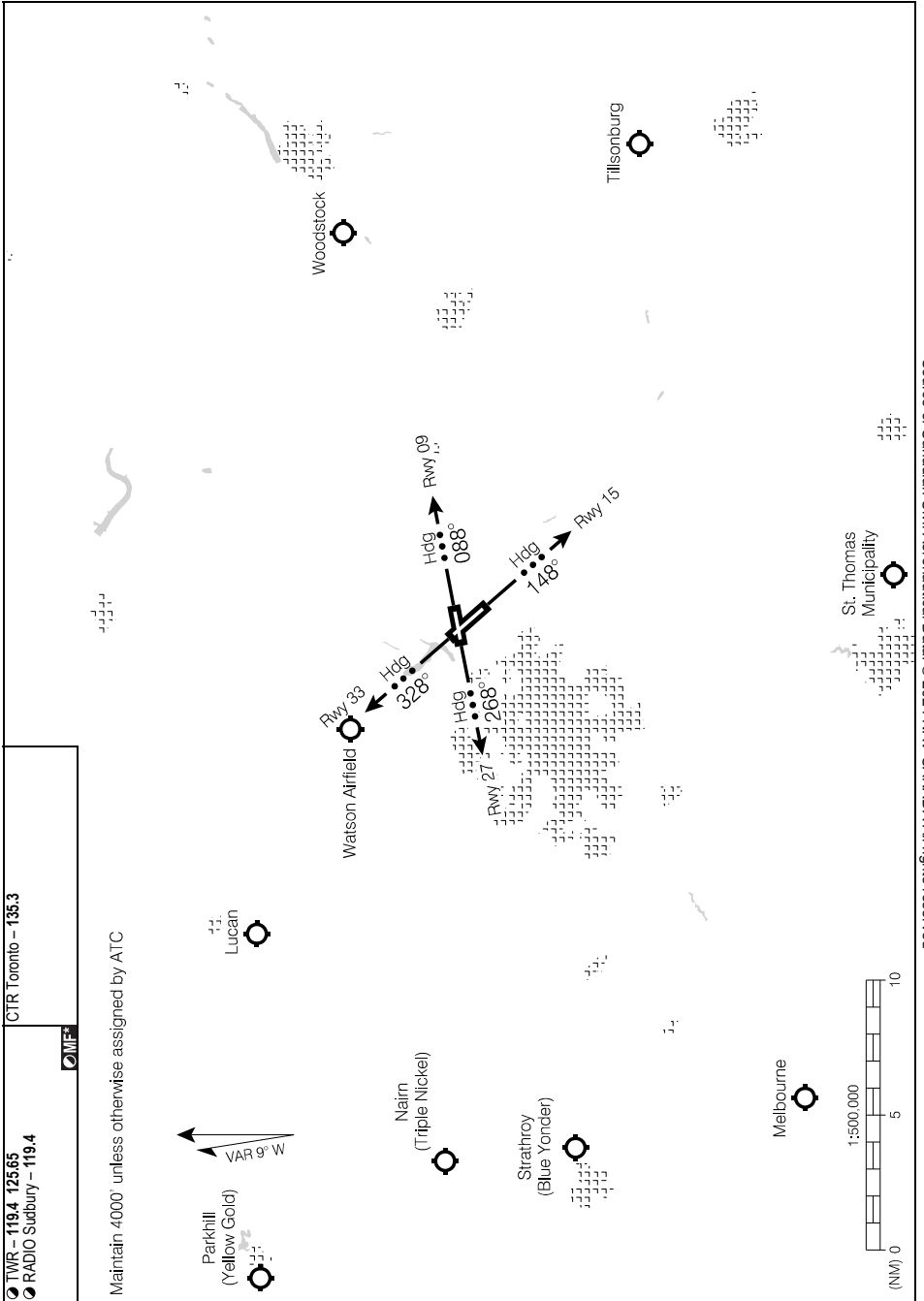
Rwy 27: Climb hdg **268°** for vectors.

Rwy 33: Climb hdg **328°** for vectors.

Communication Failure

On recognition of communication failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows;

1. Select transponder code 7600;
2. Upon reaching assigned altitude proceed directly on course;
3. Maintain last assigned altitude for 10 minutes after take-off; then
4. Climb to flight planned altitude.



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DEPARTURE PROCEDURE

Departure Procedure

Rwy 09 – ½: **Note:** Trees to 965 ASL aprx 0.3 NM past departure end of rwy, 940' RIGHT of rwy centreline.

Rwy 15 – ½: **Note:** Road to 921 ASL aprx 0.1 NM past departure end of rwy, 590' LEFT of rwy centreline.

Silo to 1019 ASL aprx 0.4 NM past departure end of rwy, 780' LEFT of rwy centreline.

Rwy 27 – ½: **Note:** Trees to 971 ASL aprx 0.4 NM past departure end of rwy, 1120' RIGHT of rwy centreline.

Rwy 33 – ½: **Note:** Road to 934 ASL 250' past departure end of rwy, 500' LEFT of rwy centreline.

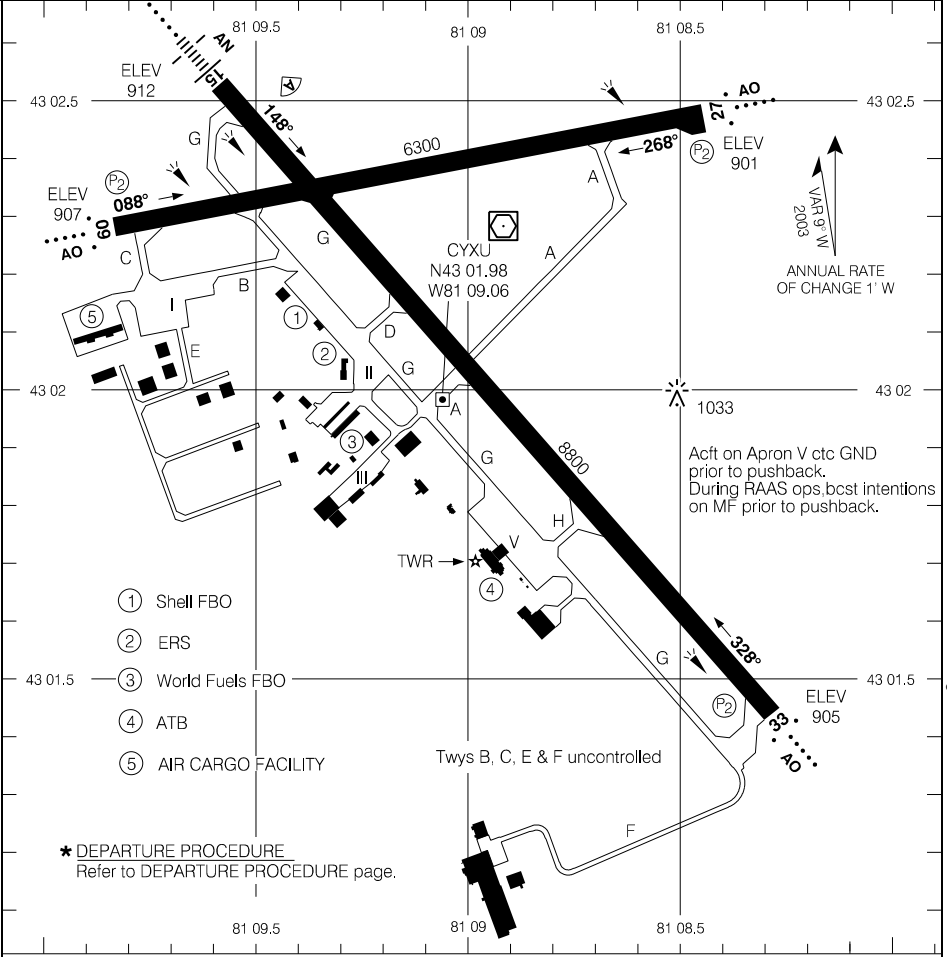
Trees to 968 ASL aprx 0.2 NM past departure end of rwy 780' RIGHT of rwy centreline. Trees to 981 ASL aprx 0.3 NM past departure end of rwy 900' LEFT of rwy centreline.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

ATIS - 127.8 GND - 121.9	TWR - 119.4 125.65 RADIO Sudbury - 119.4	CTR Toronto - 135.3 MF*
-----------------------------	---	----------------------------

DECL	DISTS	09	27	15	33
TORA		6300	6300	8800	8800
TODA		7284	7284	9784	9625
ASDA		6300	6300	8800	8800
LDA		6300	6300	8800	8800



- ① Shell FBO
- ② ERS
- ③ World Fuels FBO
- ④ ATB
- ⑤ AIR CARGO FACILITY

Act on Apron V etc GND prior to pushback. During RAAS ops, bcst intentions on MF prior to pushback.

* DEPARTURE PROCEDURE Refer to DEPARTURE PROCEDURE page.

RUNWAY LEVEL OF SERVICE

RVO	LVO
RWY 15; RVR 1200 RWY 33: (1/2sm)	NOT AUTHORIZED

TAKE-OFF MINIMA	SCALE IN FEET
All Rwys: *	2000 0 2000

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

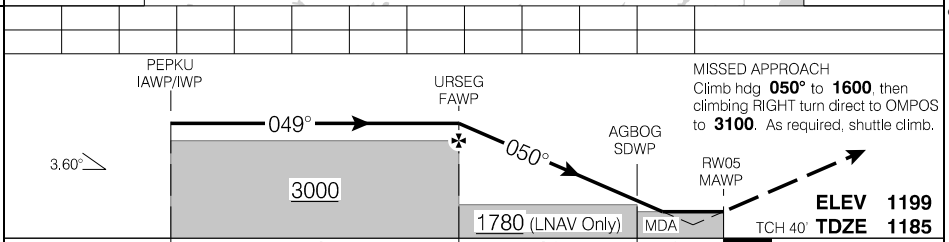
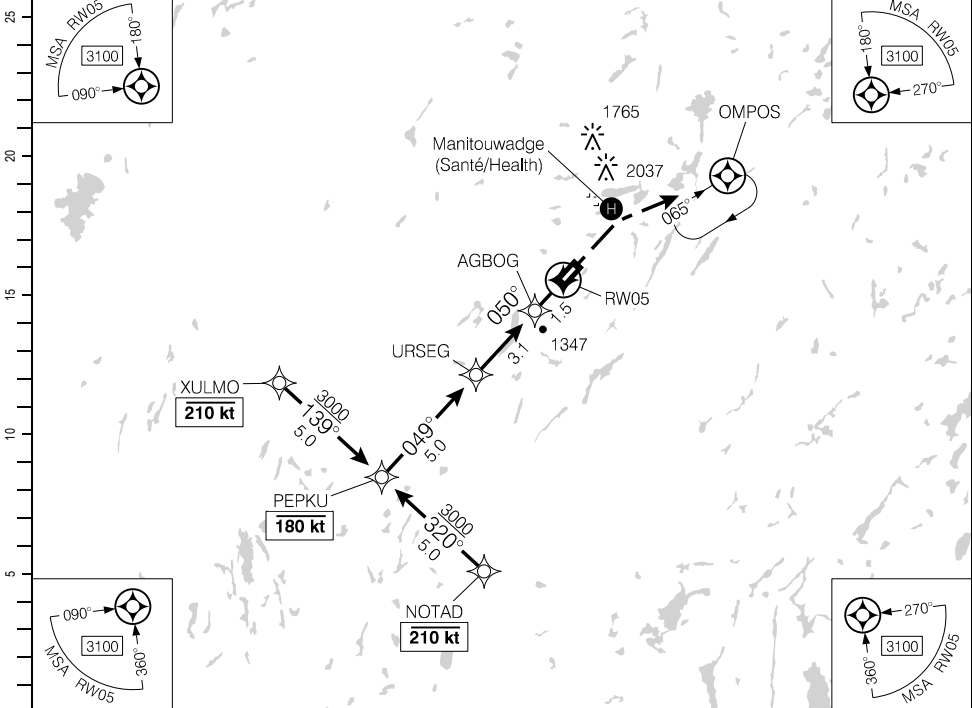
EFF 29 DEC 22

CYXU

RNAV (GNSS) RWY 05

490500N 0855140W VAR 7°W

AUTO – 129.15	CTR Winnipeg – 134.07	UNICOM – 122.8			ARCAL 122.8(K)
SAFE ALT 100 NM 3400	WAAS Ch 80825 W05A	APCH CRS 050°	MIN ALT URSEG 3000	LDA 3603	ATF AP 2.0



RASS: When using CYSP add 90'.	CATEGORY	A	B	C	D
	LPV	1422 (250)	1	1442 (270) 1	NOT AUTHORIZED
	LNAV	1540	(368)	1½	NOT AUTHORIZED
Knots	ft/min	Min:Sec			
70					
90					
110					
130					
150					

RNAV (GNSS) RWY 05

CYMG

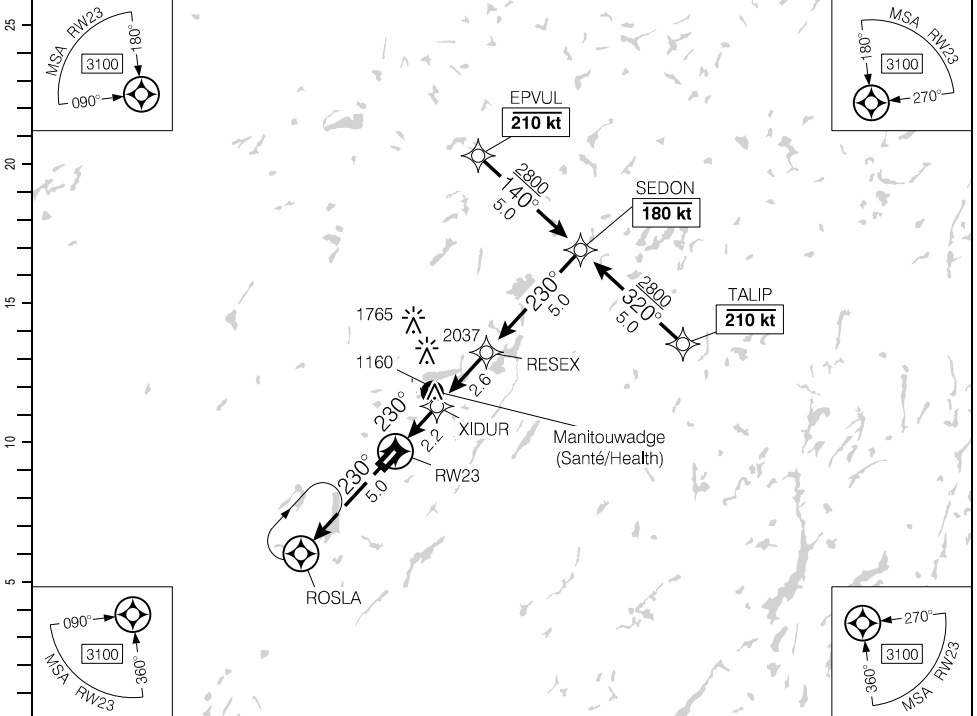
EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

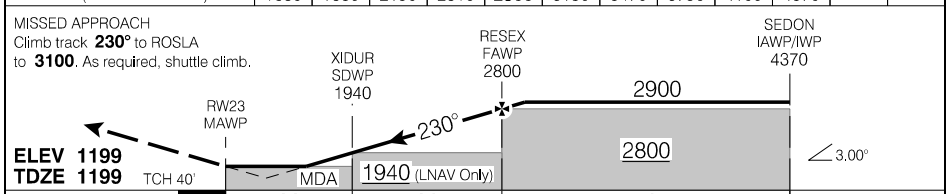
RNAV (GNSS) RWY 23

490500N 0855140W VAR 7°W

AUTO - 129.15	CTR Winnipeg - 134.07	UNICOM - 122.8			ARCAL 122.8(K)
SAFE ALT 100 NM 3400	WAAS Ch 80826 W23A	APCH CRS 230°	MIN ALT RESEX 2800	LDA 3603	ATF



DIST FROM RW23	1.4	2	3	4	5.2	6	7	8	9	9.8		
ALT (3.00° APCH PATH)	1680	1880	2190	2510	2900	3150	3470	3790	4100	4370		



RASS: When using CYPSP add 90'.				CATEGORY	A	B	C	D
				LPV	1449	(250)	1	NOT AUTHORIZED
				RNAV	1680	(481)	1½	NOT AUTHORIZED
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 23

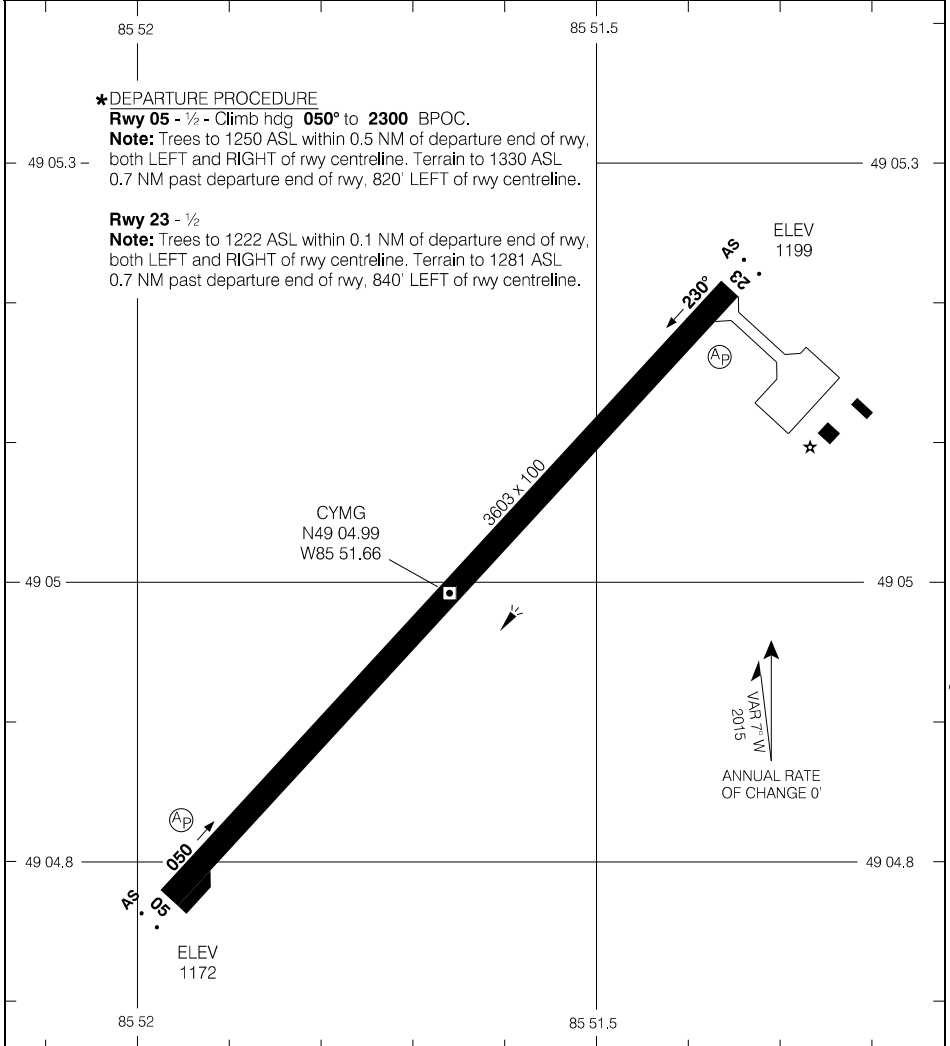
EFF 15 JUN 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AUTO - 129.15				UNICOM - 122.8		CTR Winnipeg - 134.07	
						ATF	

DECL	DISTS	05	23				
TORA		3603	3603				
TODA		3603	3603				
ASDA		3603	3603				
LDA		3603	3603				



TAKE-OFF MINIMA	SCALE IN FEET
Rwys 05: 23: *	1000 0 1000

AERODROME CHART CYMG

EFF 22 APR 21

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

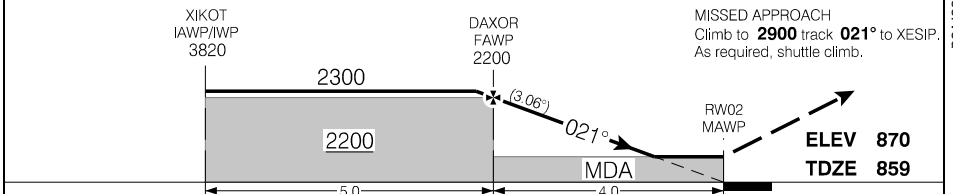
RNAV (GNSS) RWY 02

CTR Toronto – 135.4		UNICOM – 122.8		ARCAL 123.2(K)	
SAFE ALT 100 NM 3400		RNAV	APCH CRS 021°	MIN ALT DAXOR 2200	LDA 3498



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9	8	7	6	5	4.3	3	2	1.2	DIST FROM RWY02
	3820	3500	3170	2850	2530	2300	1880	1550	1280	ALT (3.06° APCH PATH)



RASS: Use CYZE.		CATEGORY	A	B	C	D
		LNAV	1280		(429)	1¼
Knots	ft/min	Min:Sec				
70	380					
90	490					
110	600					
130	700					
150	810					

RNAV (GNSS) RWY 02

CYEM

EFF 25 JAN 24

RNAV (GNSS) RWY 20

CTR Toronto - 135.4		UNICOM - 122.8			ARCAL 123.2(K)
SAFE ALT 100 NM 3400	RNAV	APCH CRS 201°	MIN ALT IGVOG 2200	LDA 3498	AS



(NM)	DIST FROM RW20	1.2	2	3	4.3	5	6	7	8	9		
	ALT (3.02° APCH PATH)	1320	1560	1880	2300	2520	2840	3160	3480	3810		

MISSED APPROACH
Climb to **2900** track **201°** to PEMPI.
As required, shuttle climb.

IGVOG FAWP 2200

BOPOP IAWP/IWP 3810

ELEV 870
TDZE 870

MDA 4.0

2300

2200

5.0

201° (3.02°)

RW20 MAWP

RASS: Use CYZE.		CATEGORY	A	B	C	D
		LNAV	1320		(450)	1½
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	590					
130	690					
150	800					

RNAV (GNSS) RWY 20

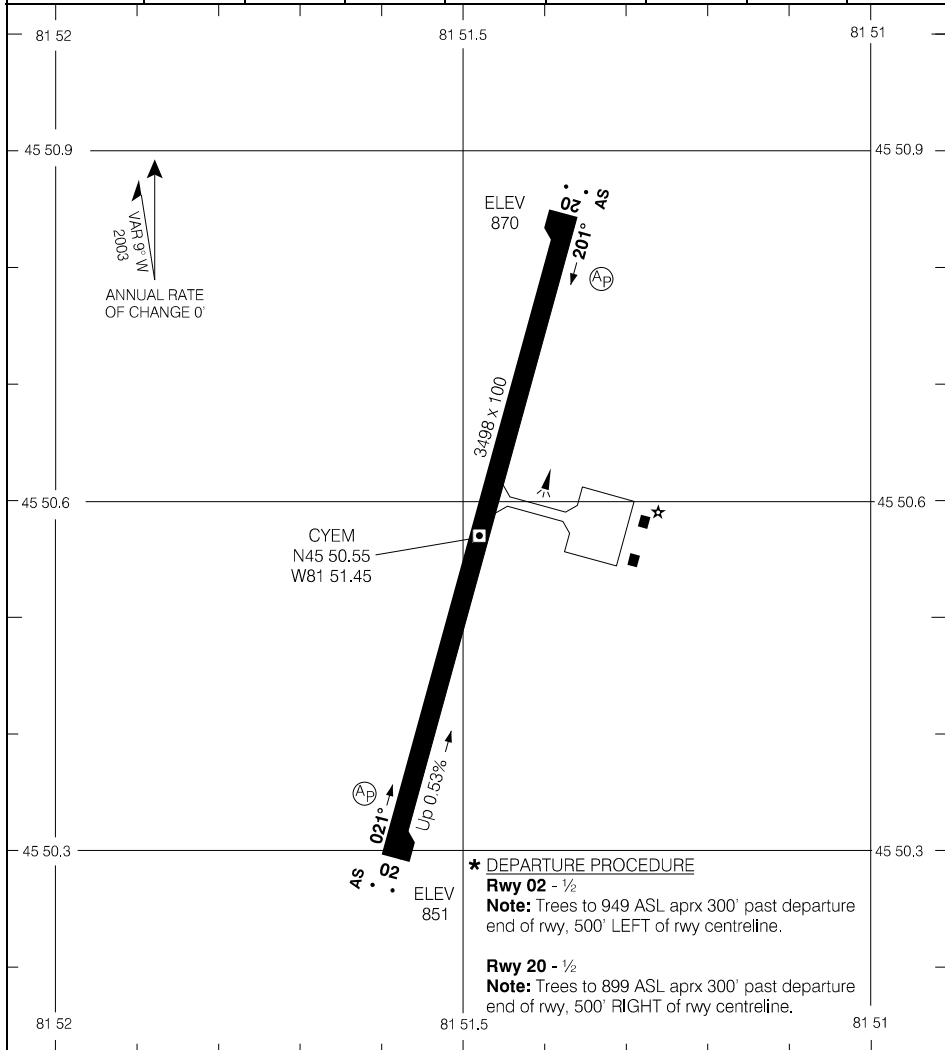
CYEM

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				UNICOM - 122.8		CTR Toronto - 135.4	
						ATF	
DECL	DISTS	02	20				
TORA		3498	3498				
TODA		4482	4482				
ASDA		3728	3728				
LDA		3498	3498				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 02; 20; *	1000 0 1000

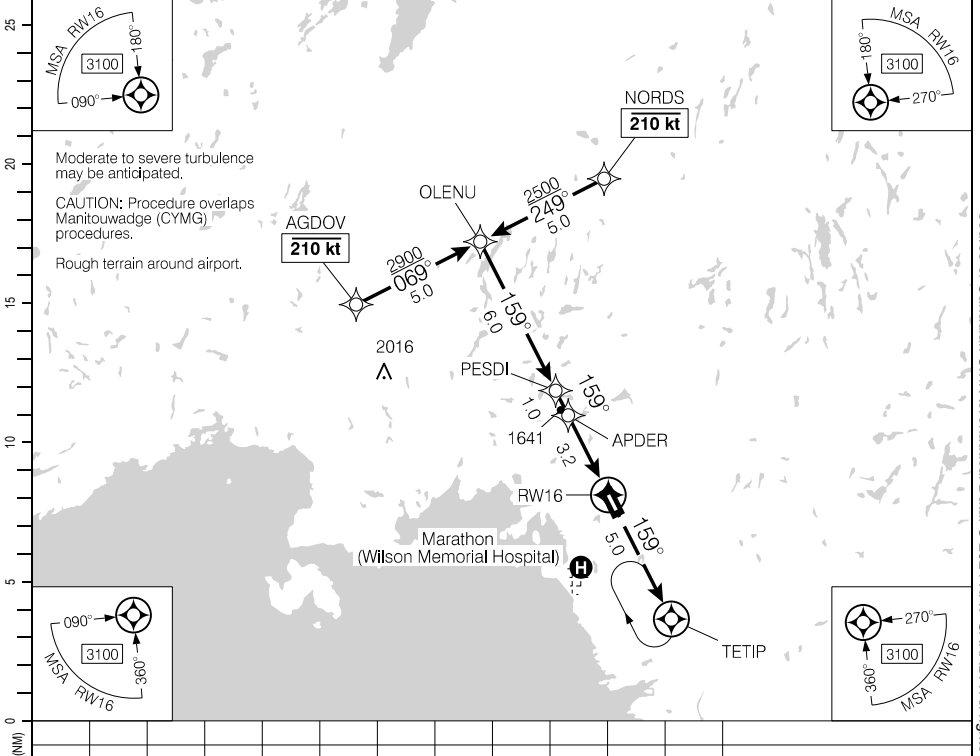
AERODROME CHART
EFF 25 JAN 24

CYEM

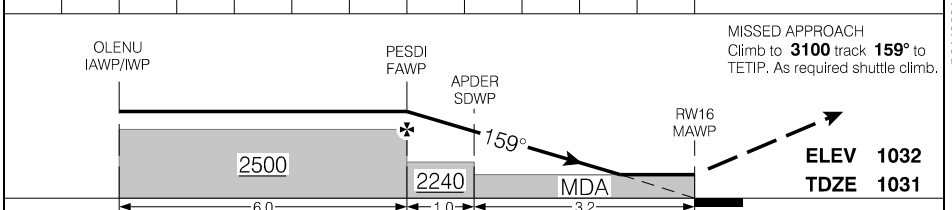
RNAV (GNSS) RWY 16

484526N 0862045W VAR 6°W

CTR Winnipeg – 134.07		TFC – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		RNAV	APCH CRS 159°	MIN ALT PESDI 2500	LDA 3933
				ATF 4.0°	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



RASS: When using CYGQ add 170'. Knots 70 90 110 130 150	FT/MIN	MIN:SEC	CATEGORY	A	B	C	D
			RNAV	1680	(650)	2	NOT AUTHORIZED

RNAV (GNSS) RWY 16

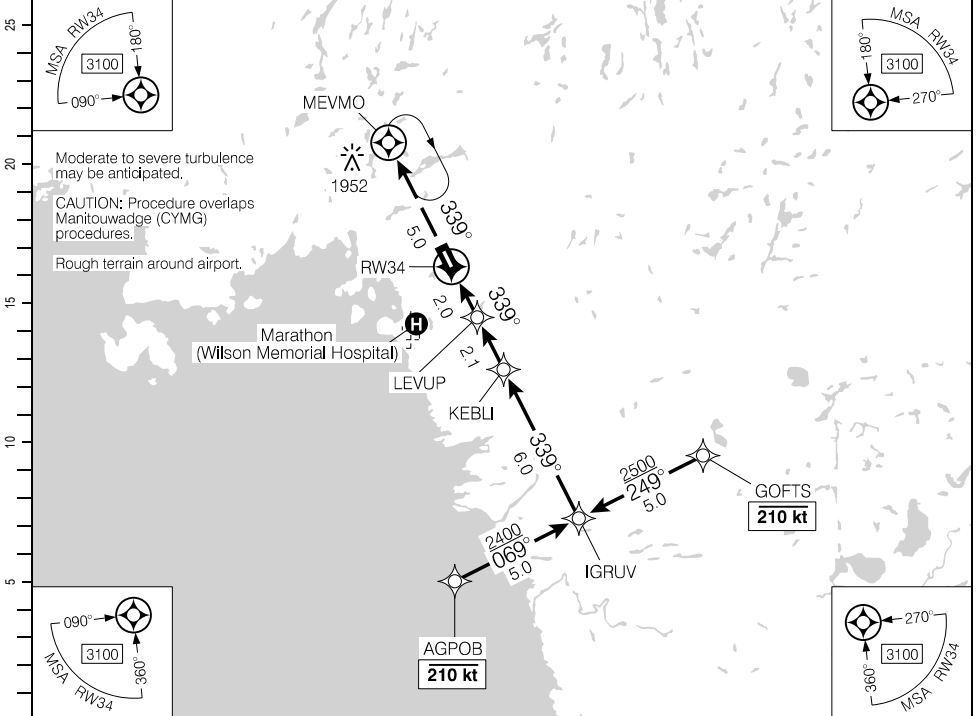
CYSP

EFF 17 JUN 21

RNAV (GNSS) RWY 34

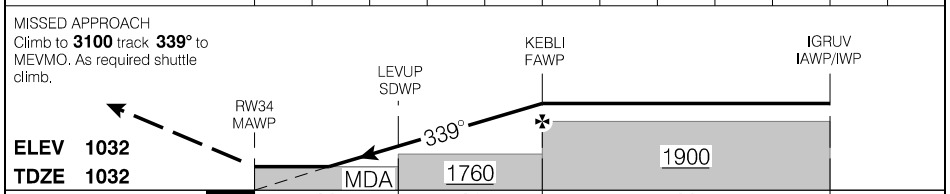
484526N 0862045W VAR 6°W

CTR Winnipeg – 134.07		TFC – 122.8			ARCAL 122.8(K)
SAFE ALT 100 NM 3400	RNAV	APCH CRS 339°	MIN ALT KEBLI 1900	LDA 3735	A/P 4.0°



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)										
------	--	--	--	--	--	--	--	--	--	--



RASS: When using CYGQ add 170'.	CATEGORY	A	B	C	D
	LNAV	1580	(548)	1%	NOT AUTHORIZED

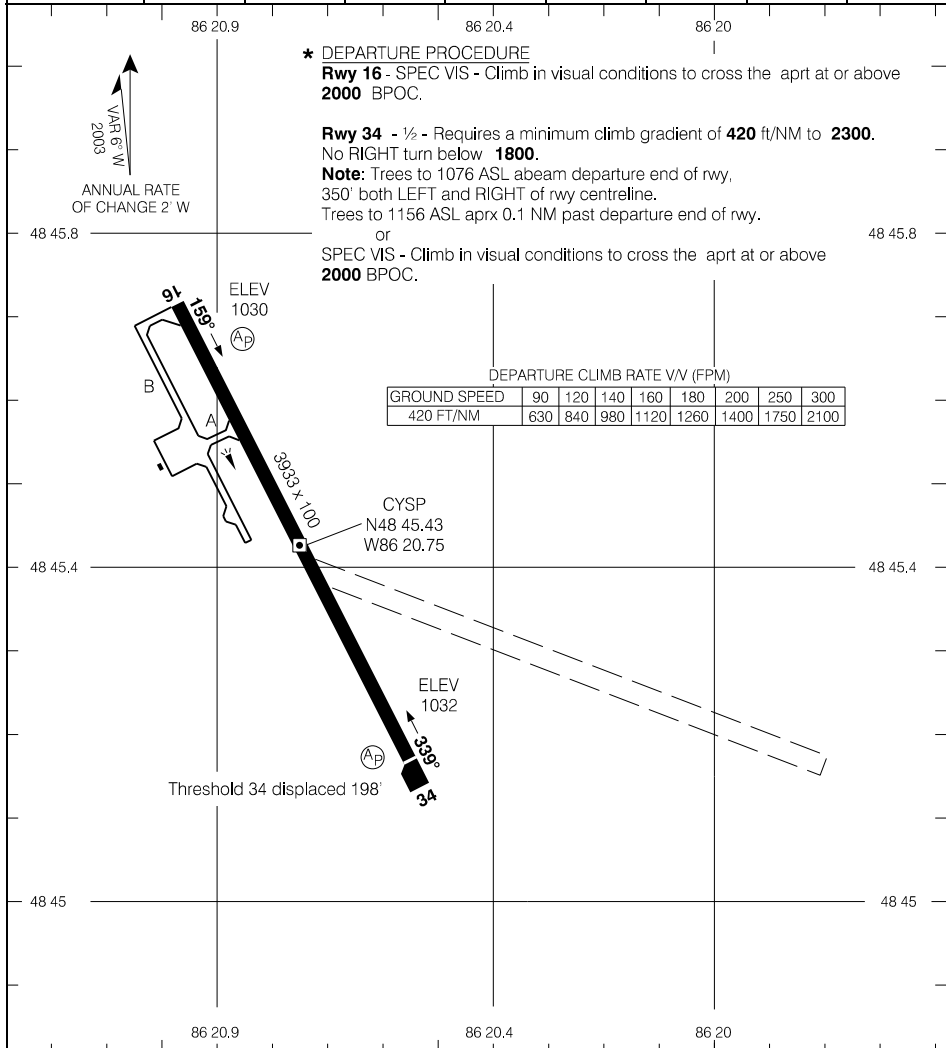
Knots	ft/min	Min:Sec
70		
90		
110		
130		
150		

RNAV (GNSS) RWY 34
EFF 17 JUN 21

CYSP

AERODROME CHART

				CTR Winnipeg - 134.07	
				TFC - 122.8	
				ATF	
DECL DIST	16	34	16	34	
TORA	3933	3933	3933	3933	
TODA	4300	4133	3933	3933	
ASDA	4300	3933	3933	3933	
LDA	3933	3735	3933	3735	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 16, 34: *	1000 0 1000 2000

AERODROME CHART

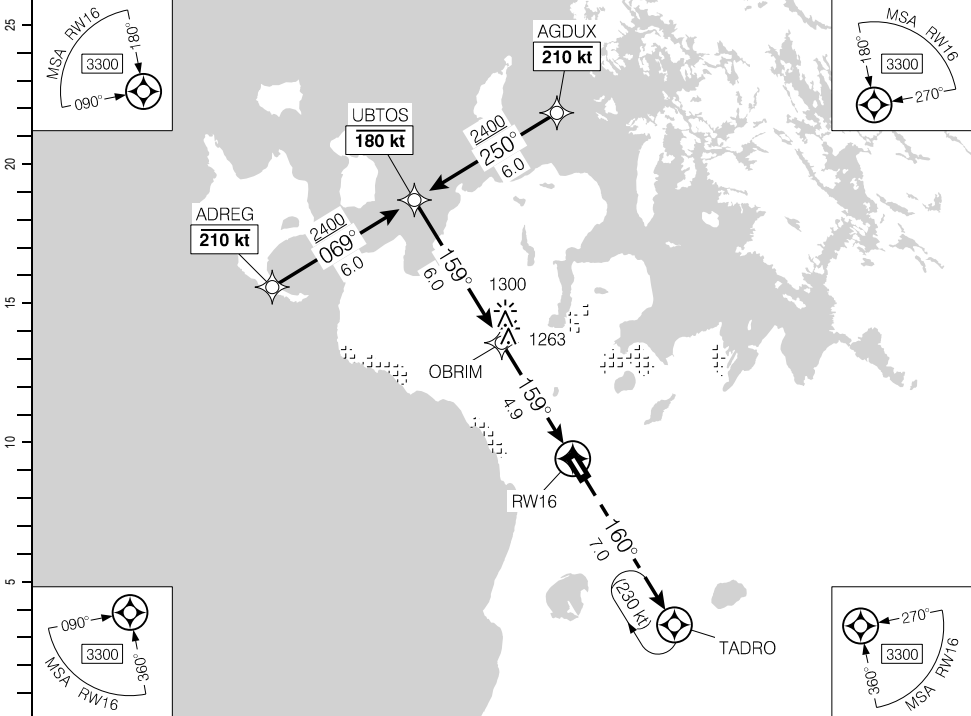
CYSP

EFF 2 DEC 21

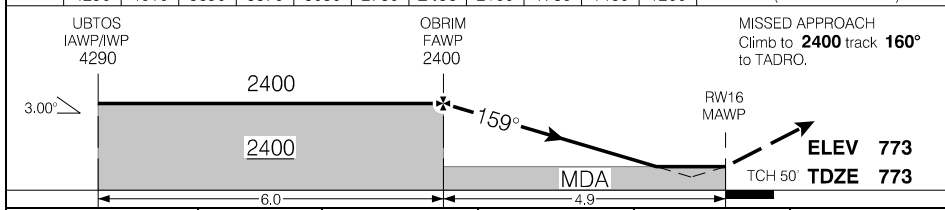
RNAV (GNSS) RWY 16

444105N 0795546W VAR 11°W

<p>CTR Toronto – 124.02</p>		<p>UNICOM – 122.85 (AU)</p>			<p>ARCAL 122.85(J)</p>	
<p>SAFE ALT 100 NM 3300</p>		<p>WAAS Ch 80112 W16A</p>	<p>APCH CRS 159°</p>	<p>MIN ALT OBRIM 2400</p>	<p>LDA 3996</p>	<p>ATF</p>



(NM)	10.9	10	9	8	7	6	4.9	4	3	2	1.2	DIST FROM RW16	
	4290	4010	3690	3370	3050	2730	2400	2100	1780	1460	1200	ALT (3.00° APCH PATH)	



<p>RASS: When using CNY3 add 50'.</p>		<p>CATEGORY</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>
		<p>LPV</p>	<p>1023 (250)</p>	<p>1</p>	<p>NOT AUTHORIZED</p>	
		<p>LNAV</p>	<p>1200 (427)</p>	<p>1/4</p>	<p>NOT AUTHORIZED</p>	
<p>Knots</p>	<p>ft/min</p>	<p>Min:Sec</p>				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 16

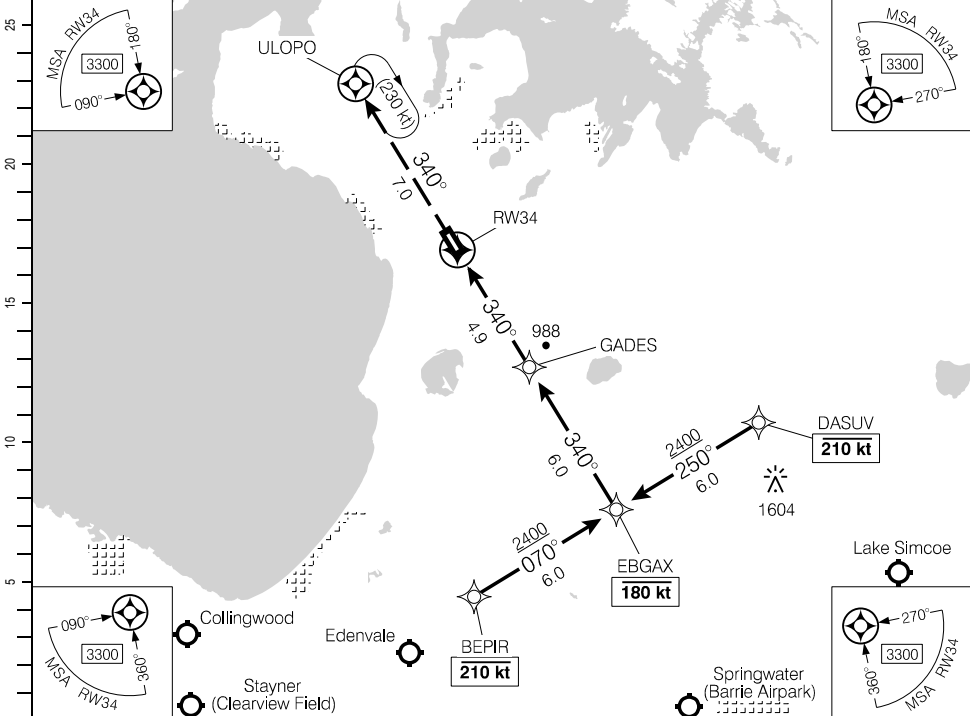
EFF 14 JUL 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 34

444105N 0795546W VAR 11°W

<p>CTR Toronto – 124.02</p>		<p>UNICOM – 122.85 (AU)</p>			<p>ARCAL 122.85(U)</p>	
<p>SAFE ALT 100 NM 3300</p>		<p>WAAS Ch 80113 W34A</p>	<p>APCH CRS 340°</p>	<p>MIN ALT GADES 2400</p>	<p>LDA 3996</p>	<p>ATF</p>

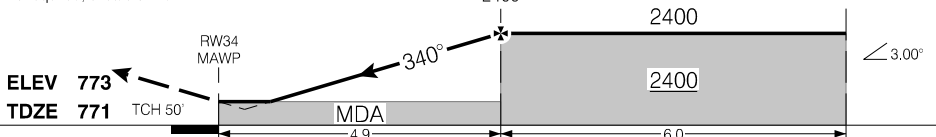


(NM)	DIST FROM RW34	0.9	2	3	4	4.9	6	7	8	9	10	10.9	
	ALT (3.00° APCH PATH)	1100	1450	1770	2080	2400	2720	3040	3360	3680	4000	4290	

MISSED APPROACH
Climb to **2400** track **340°** to ULOPO.
As required, shuttle climb.

GADES
FAWP
2400

EBGAX
IAWP/IWP
4290



<p>RASS: When using CNY3 add 50'.</p>		<p>CATEGORY</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>
		<p>LPV</p>	<p>1011 (250)</p>	<p>1</p>	<p>NOT AUTHORIZED</p>	
		<p>RNAV</p>	<p>1100 (339)</p>	<p>1</p>	<p>NOT AUTHORIZED</p>	
<p>Knots</p>	<p>ft/min</p>	<p>Min:Sec</p>				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 34

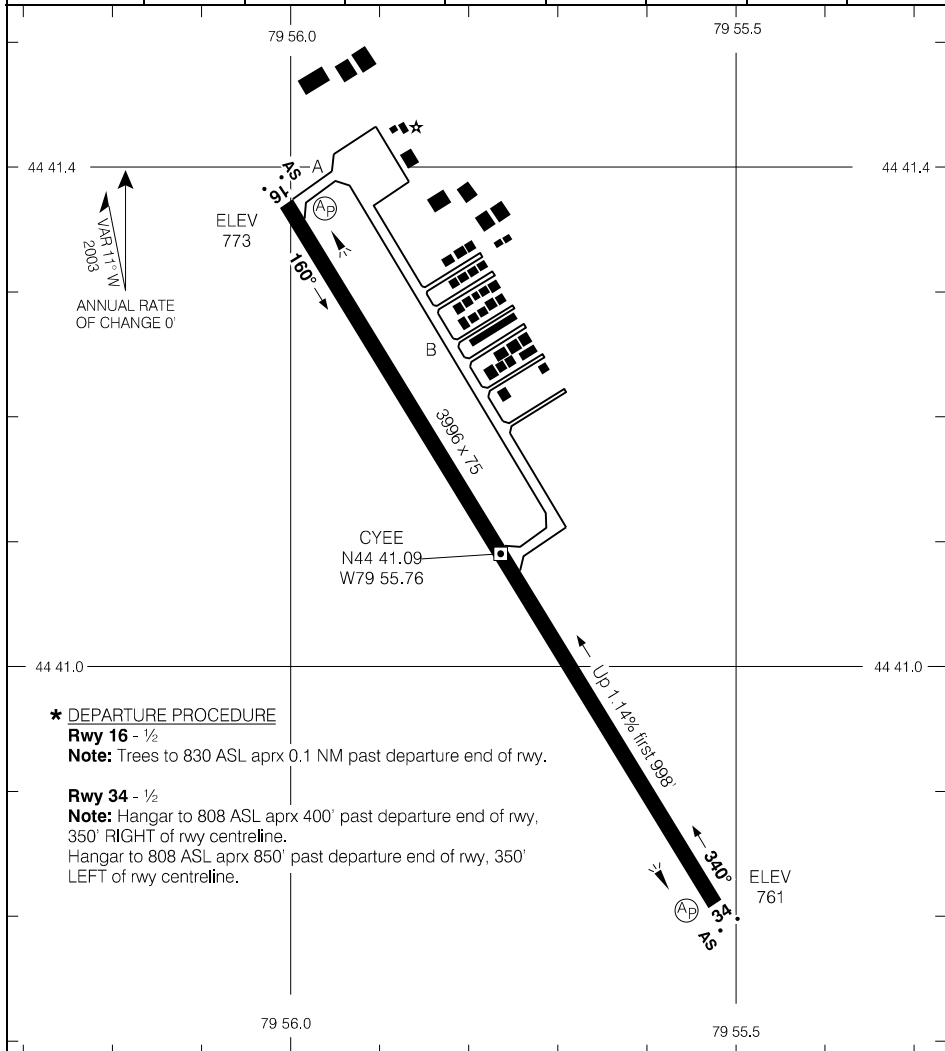
EFF 14 JUL 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

		UNICOM - 122.85 (AU)		CTR Toronto - 124.02	
		ATF			

DECL	DISTS	16	34				
TORA		3996	3996				
TODA		4196	4266				
ASDA		3996	3996				
LDA		3996	3996				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

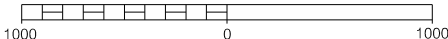
*** DEPARTURE PROCEDURE**

- Rwy 16 - 1/2**
Note: Trees to 830 ASL aprx 0.1 NM past departure end of rwy.
- Rwy 34 - 1/2**
Note: Hangar to 808 ASL aprx 400' past departure end of rwy, 350' RIGHT of rwy centreline.
Hangar to 808 ASL aprx 850' past departure end of rwy, 350' LEFT of rwy centreline.

TAKE-OFF MINIMA

All Rwys: *

SCALE IN FEET



AERODROME CHART

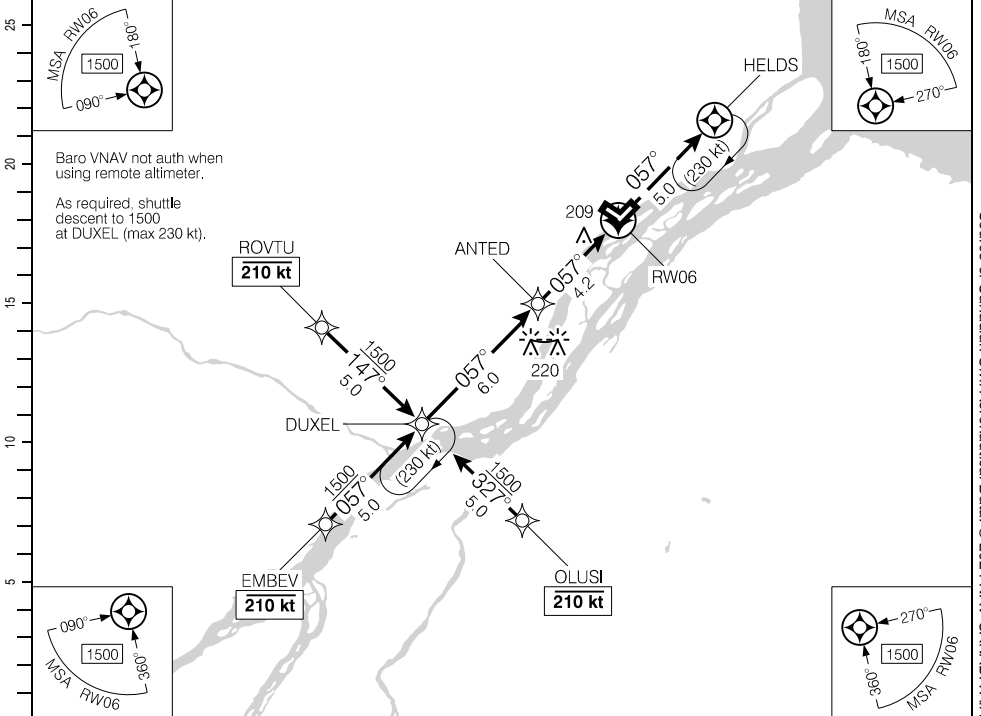
CYEE

EFF 14 JUL 22

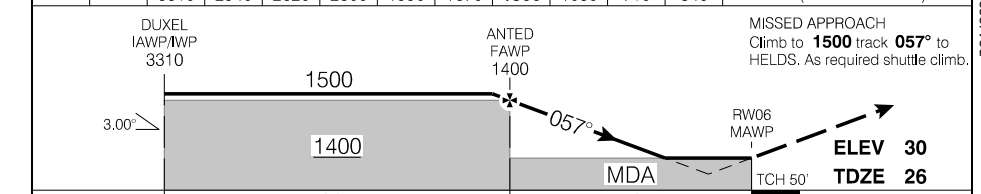
RNAV (GNSS) RWY 06

511731N 0803630W VAR 13°W

AWOS – 124.8	CTR Toronto – 133.72	RADIO Timmins – 122.5 TFC – 122.5		ARCAL 122.5(K)*
SAFE ALT 100 NM 2500	WAAS Ch 80787 W06A	APCH CRS 057°	MIN ALT ANTED 1400	LDA 4001



	10.2	9	8	7	6	5	4.5	3	2	1.5	DIST FROM RW06	
	3310	2940	2620	2300	1990	1670	1500	1030	710	540	ALT (3.00° APCH PATH)	



RASS: When using CYKQ add 170'.			CATEGORY	A	B	C	D
			LPV	275	(250)		1
			LNAV/VNAV (min. -18°C, max. 54°C)	355	(330)		1¼
			LNAV	540	(515)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 06

CYMO

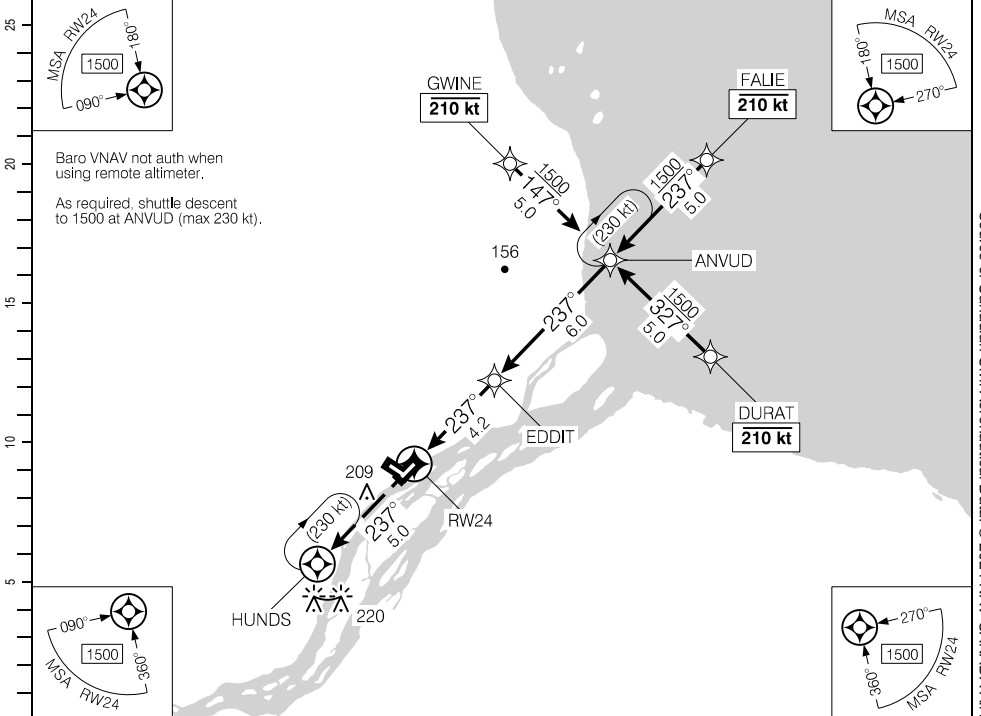
EFF 24 MAR 22

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 24

511731N 0803630W VAR 13°W

AWOS – 124.8	CTR Toronto – 133.72	● RADIO Timmins – 122.5 ● TFC – 122.5	ARCAL 122.5(K)*
SAFE ALT 100 NM 2500	WAAS Ch 80788 W24A	APCH CRS 237°	MIN ALT EDDIT 1400
			LDA 4001



Baro VNAV not auth when using remote altimeter.
As required, shuttle descent to 1500 at ANVUD (max 230 kt).

DIST FROM RW24	0.9	2	3	4.5	5	6	7	8	9	10.2
ALT (3.00° APCH PATH)	360	710	1030	1500	1670	1980	2300	2620	2940	3310

MISSED APPROACH
Climb to **1500** track **237°** to HUNDS. As required shuttle climb.

EDDIT FAWP 1400
ANVUD IAWP/IWP 3310

ELEV 30
TDZE 26

TCH 50' MDA 1400

3.00°

RASS: When using CYKQ add 170'.			CATEGORY	A	B	C	D
			LPV	275	(251)		1
			LNAV/VNAV (min. -18°C, max. 54°C)	275	(251)		1
			LNAV	360	(336)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 24


CYMO

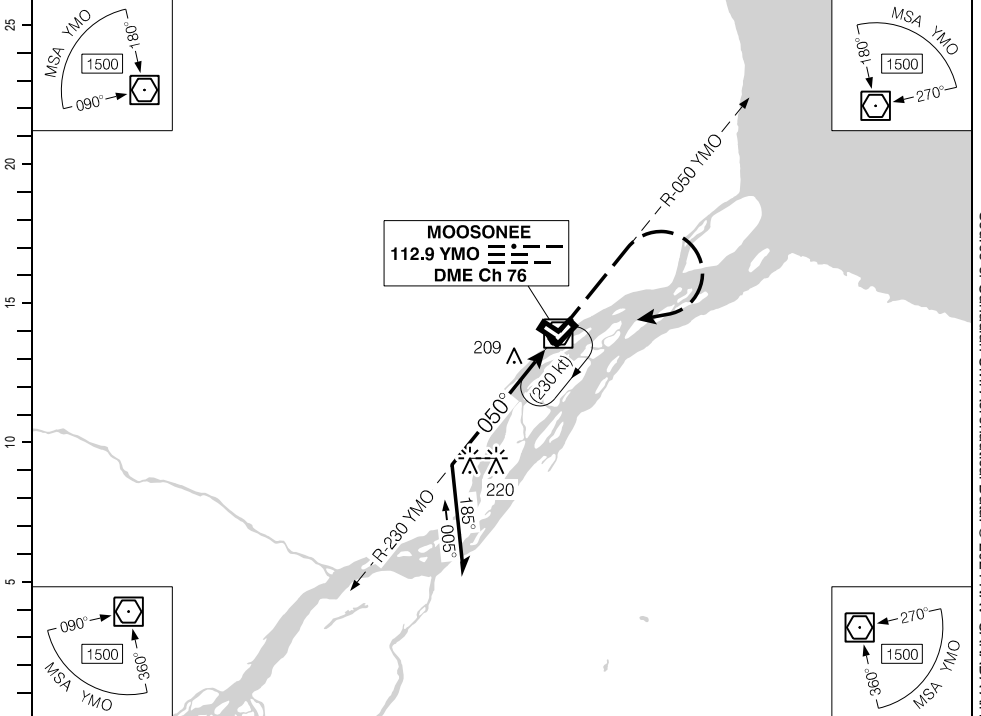
EFF 24 MAR 22

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

VOR RWY 06

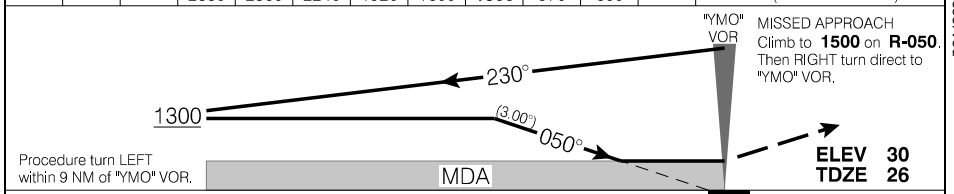
511731N 0803630W VAR 13°W

AWOS - 124.8	CTR Toronto - 133.72	RADIO Timmins - 122.5 TFC - 122.5 MF*		ARCAL 122.5(K)*
SAFE ALT 100 NM 2500	VOR YMO 112.9	APCH CRS 050°	LDA 4001	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9	8	7	6	5	4.0	3	1.8		DIST FROM "YMO" VOR
	2880	2560	2240	1920	1600	1300	970	600		ALT (3.00° APCH PATH)



RASS: When using CYKQ add 170'.	CATEGORY	A	B	C	D
	VOR	600	(574)	1¼	
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

VOR RWY 06

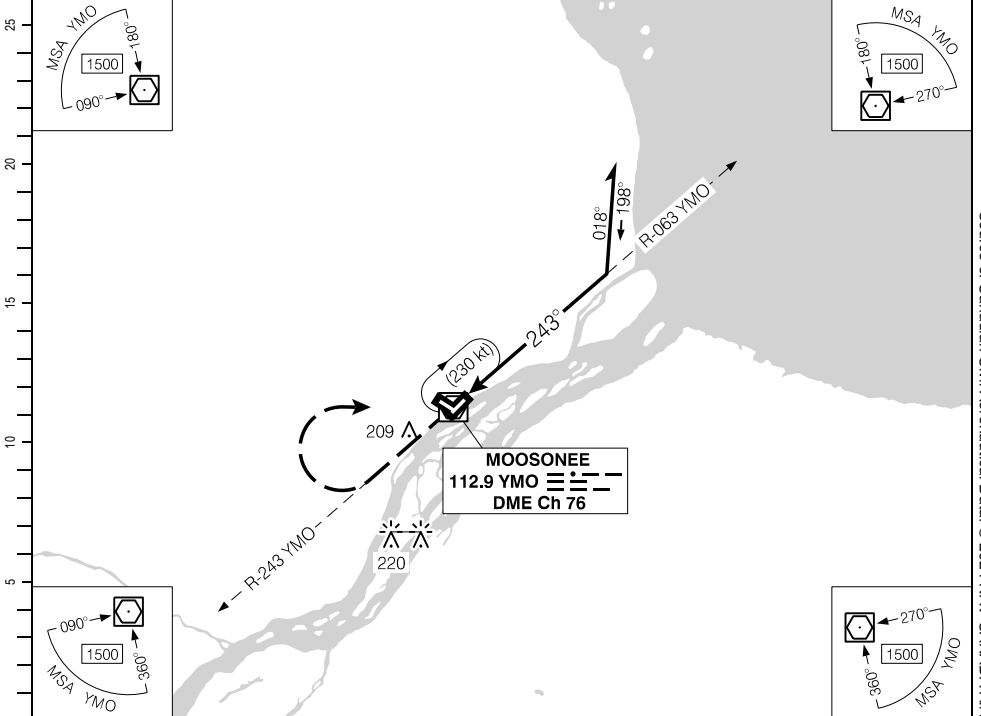
CYMO

EFF 24 MAR 22

VOR RWY 24

511731N 0803630W VAR 13°W

AWOS - 124.8	CTR Toronto - 133.72	RADIO Timmins - 122.5 TFC - 122.5		ARCAL 122.5(K)*
SAFE ALT 100 NM 2500	VOR YMO 112.9	APCH CRS 243°	MF*	LDA 4001



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM "YMO" VOR	1.6	3	4.3	5	6	7	8	9	10		
ALT (3.00° APCH PATH)	440	880	1300	1510	1830	2150	2470	2790	3110		

MISSED APPROACH
Climb to **1300** on **R-243**. Then **RIGHT** turn direct to "YMO" VOR.

ELEV 30
TDZE 26

Procedure turn LEFT within 10 NM of "YMO" VOR.

RASS: When using CYQK add 170'.	CATEGORY	A	B	C	D
	VOR	440	(414)		1¼
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

VOR RWY 24

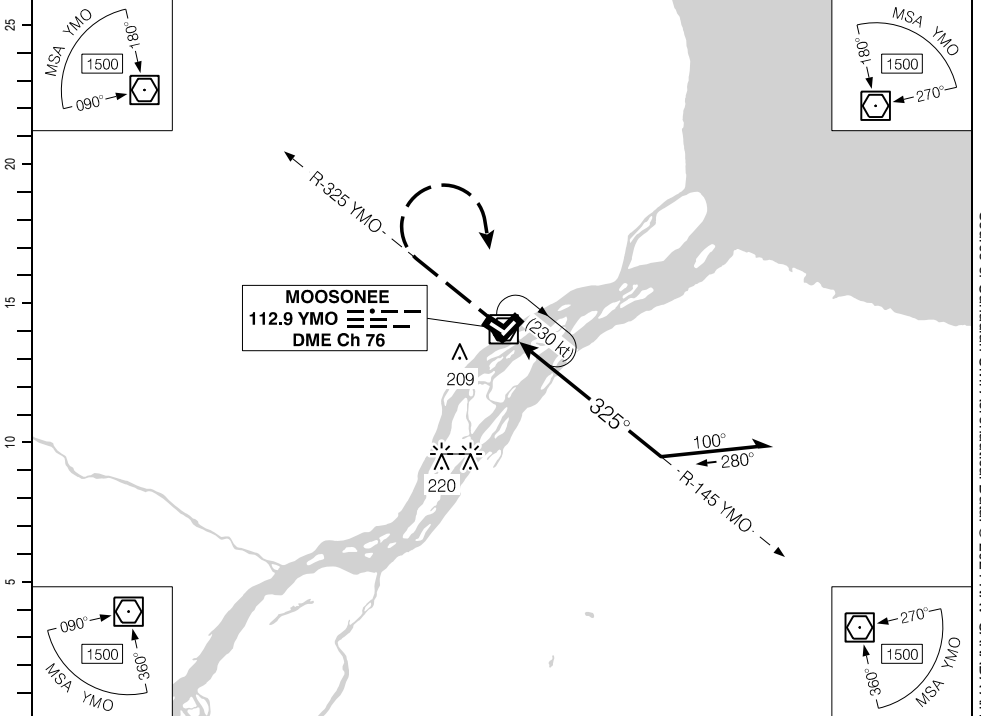
CYMO

EFF 24 MAR 22

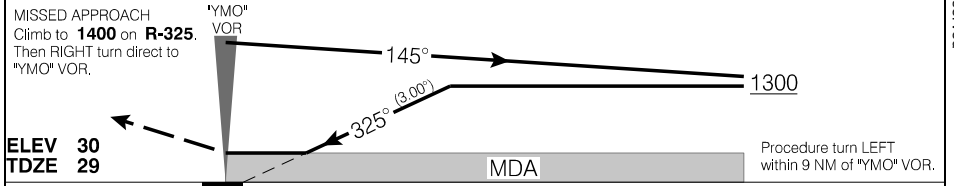
VOR RWY 32

511731N 0803630W VAR 13°W

AWOS - 124.8	CTR Toronto - 133.72	RADIO Timmins - 122.5 TFC - 122.5 MF		ARCAL 122.5(K)*
SAFE ALT 100 NM 2500	VOR YMO 112.9	APCH CRS 325°	LDA 3555	9.0° ↑



(NM)	DIST FROM *YMO* VOR	1.4	2	3	3.9	5	6	7	8	9		
	ALT (3.00° APCH PATH)	500	690	1010	1300	1640	1960	2280	2600	2920		



RASS: When using CYMQ add 170'.	CATEGORY	A	B	C	D
	VOR	500 (471)		1½	
	<input checked="" type="checkbox"/> CIRCLING	500 (470) 1½	580 (550) 1½	580 (550) 2	

VOR RWY 32

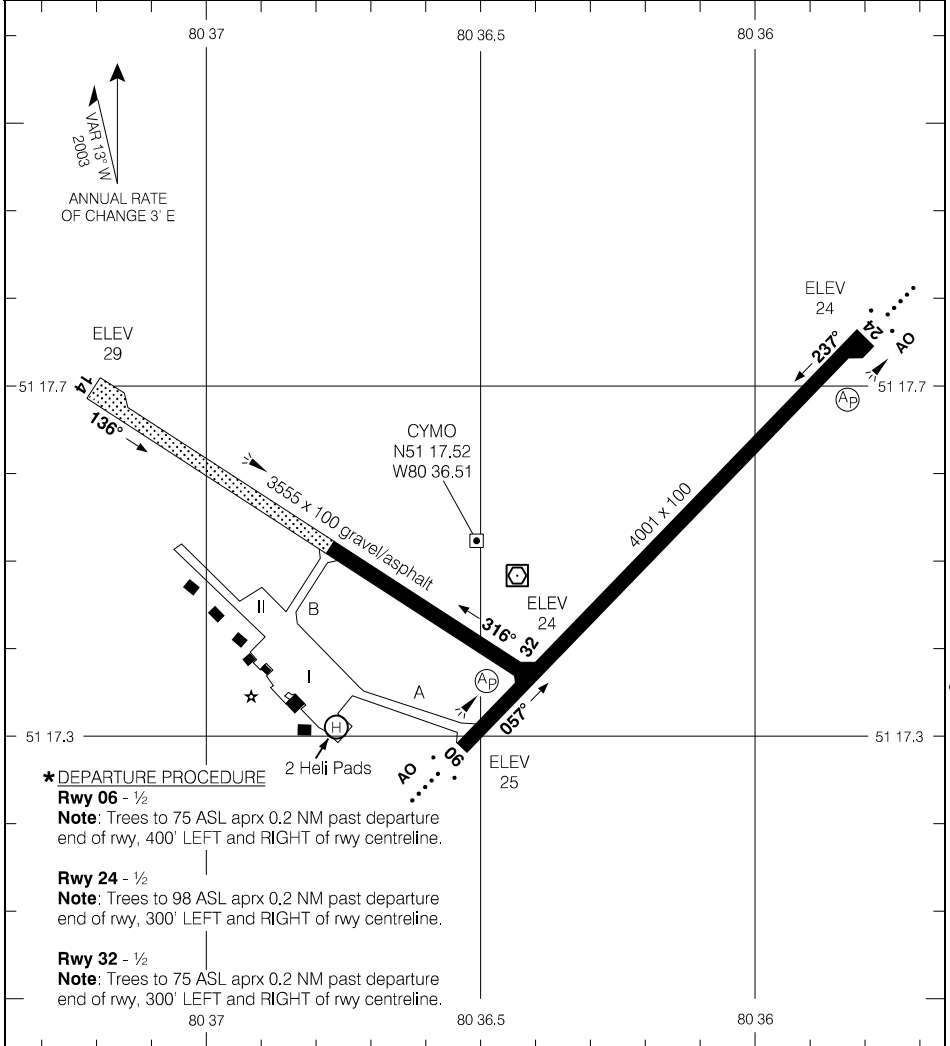
CYMO

EFF 24 MAR 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 124.8					● RADIO Timmins - 122.5 ● TFC - 122.5		CTR Toronto - 133.72	
DECL	DISTS	06	24	14	32			
TORA		4001	4001	3555	3555			
TODA		4985	4985	4539	4539			
ASDA		4001	4001	3555	3555			
LDA		4001	4001	3555	3555			



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

*** DEPARTURE PROCEDURE**

Rwy 06 - ½
Note: Trees to 75 ASL aprx 0.2 NM past departure end of rwy, 400' LEFT and RIGHT of rwy centreline.

Rwy 24 - ½
Note: Trees to 98 ASL aprx 0.2 NM past departure end of rwy, 300' LEFT and RIGHT of rwy centreline.

Rwy 32 - ½
Note: Trees to 75 ASL aprx 0.2 NM past departure end of rwy, 300' LEFT and RIGHT of rwy centreline.

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 06; 24; 32: * Rwy 14: ½	1000 0 1000 2000


AERODROME CHART

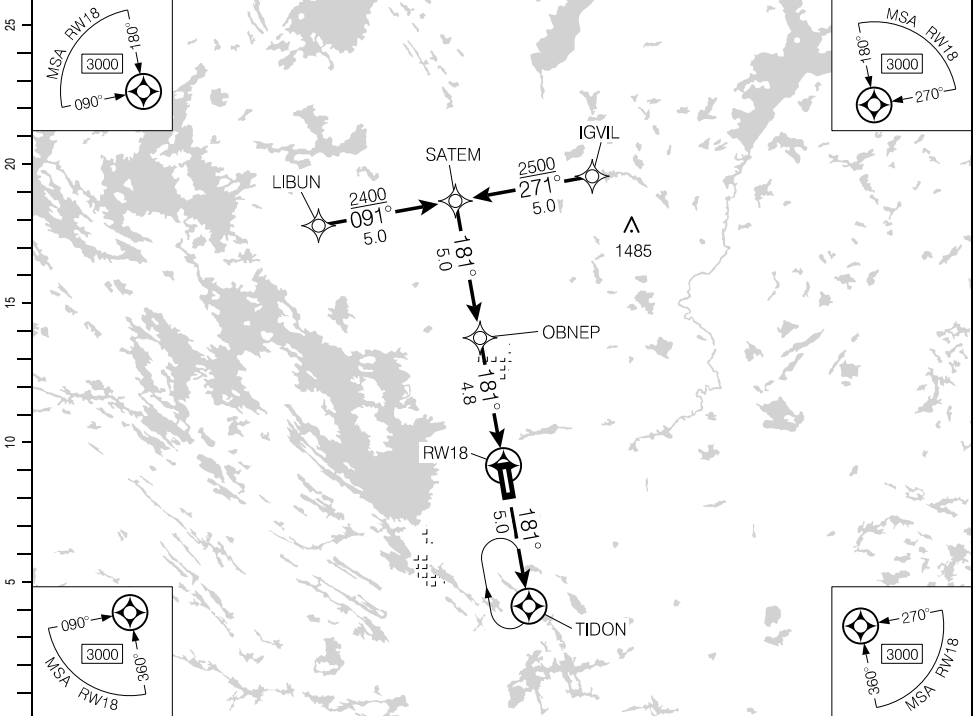
CYMO

EFF 24 MAR 22

RNAV (GNSS) RWY 18

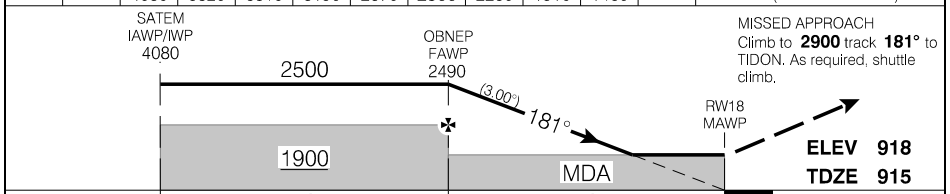
445835N 0791824W VAR 11°W

AWOS - 124.57		RADIO Timmins - 122.3		RADIO Timmins - 122.3		ARCAL 122.3(K)	
SAFE ALT 100 NM 3500		RNAV	APCH CRS 181°	MIN ALT OBNEP 1900	LDA 5200		



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		9.8	9	8	7	6	4.8	4	3	1.6	DIST FROM RW18	
		4080	3820	3510	3190	2870	2500	2230	1910	1460	ALT (3.00° APCH PATH)	



RASS: When using CNY3 add 140'.		CATEGORY	A	B	C	D
		RNAV	1460		(545)	1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 18

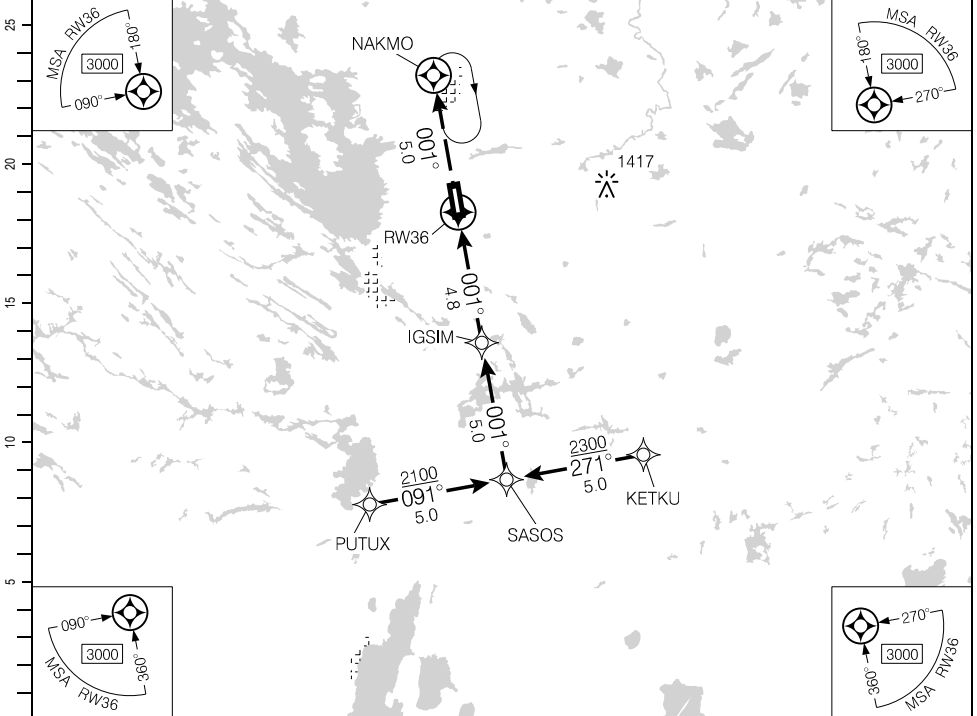
CYQA

EFF 5 OCT 23

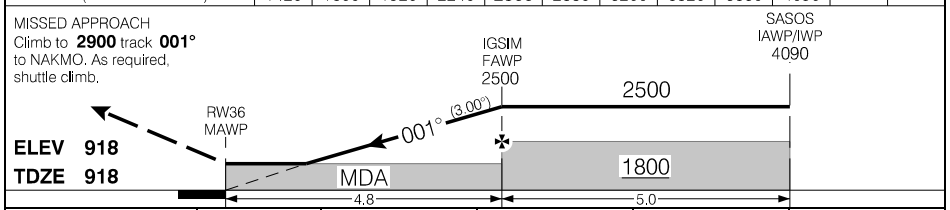
RNAV (GNSS) RWY 36

445835N 0791824W VAR 11°W

AWOS - 124.57	RADIO Timmins - 122.3	RADIO Timmins - 122.3		ARCAL 122.3(K)
SAFE ALT 100 NM 3500	RNAV	APCH CRS 001°	MIN ALT IGSIM 1800	LDA 6000



(NM)	DIST FROM RWY36	1.4	2	3	4	4.8	6	7	8	9	9.8		
	ALT (3.00° APCH PATH)	1420	1600	1920	2240	2500	2880	3200	3520	3830	4090		



RASS: When using CNY3 add 140'.

CATEGORY	A				B		C		D		
	LNAV										
	1420				(502)		1½				
Knots	ft/min	Min:Sec									
70	370										
90	480										
110	580										
130	690										
150	800										

RNAV (GNSS) RWY 36

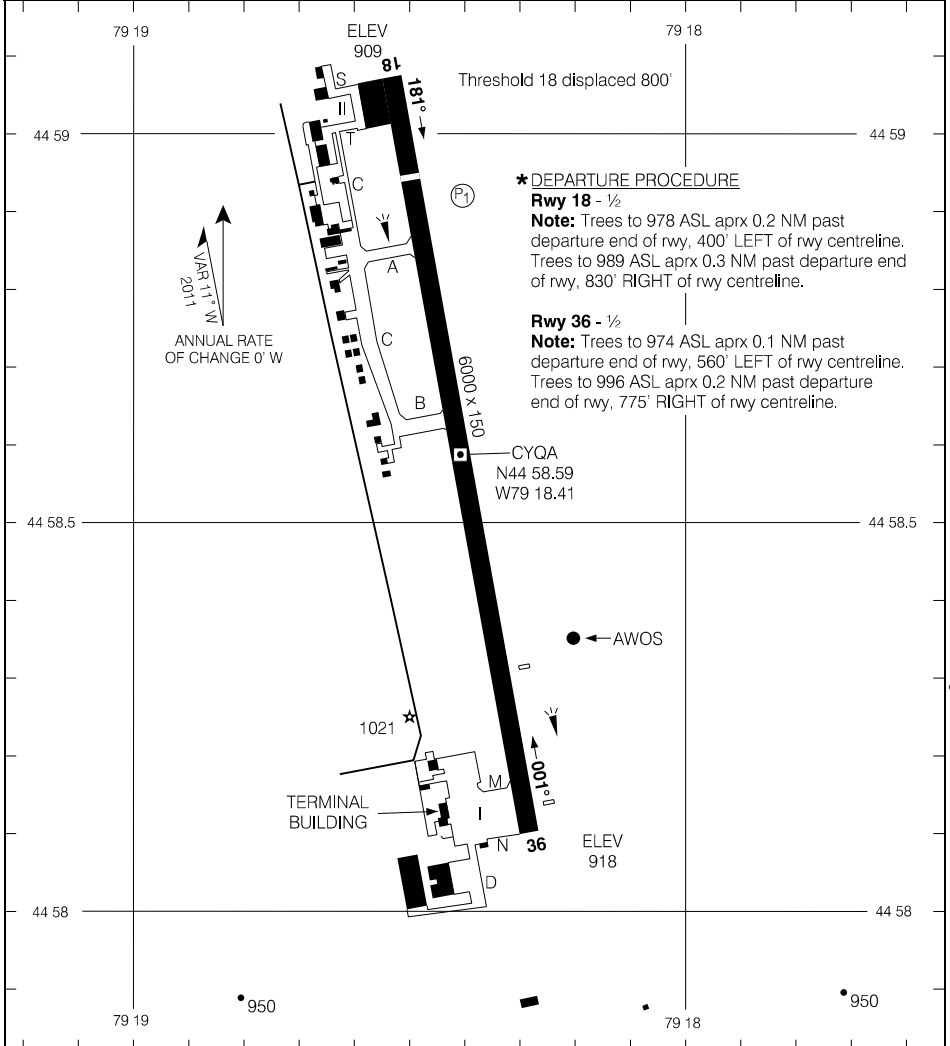
CYQA

EFF 15 JUN 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 124.57				RADIO Timmins - 122.3		RADIO Timmins - 122.3	
				MF			
DECL DIST	18	36					
TORA	6000	6000					
TODA	6984	6700					
ASDA	6000	6000					
LDA	5200	6000					



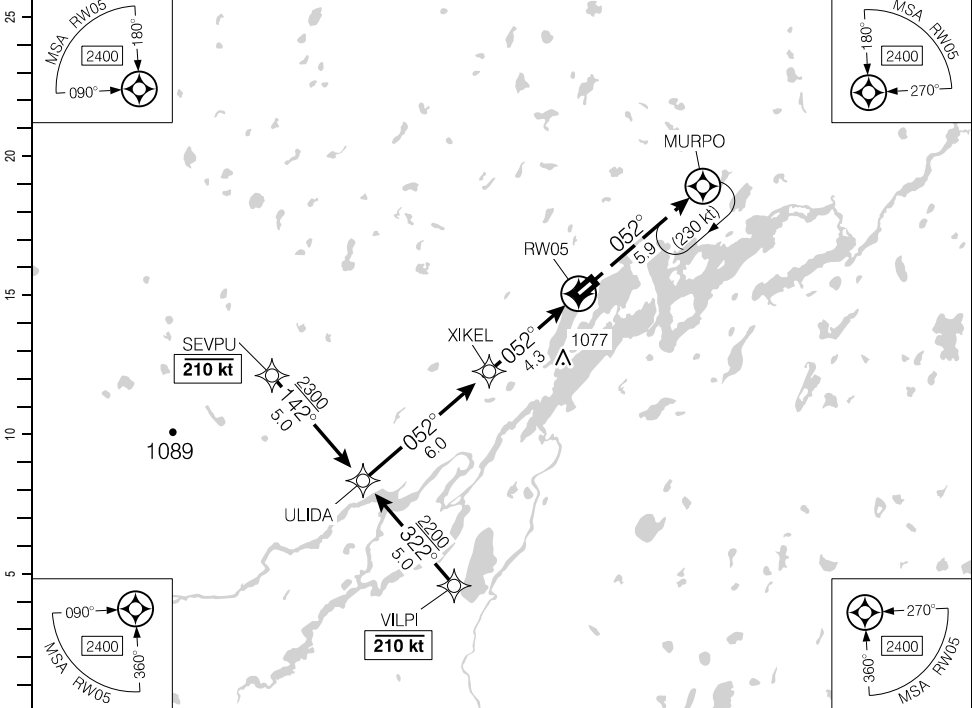
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	
Rwys 18; 36: *	

RNAV (GNSS) RWY 05

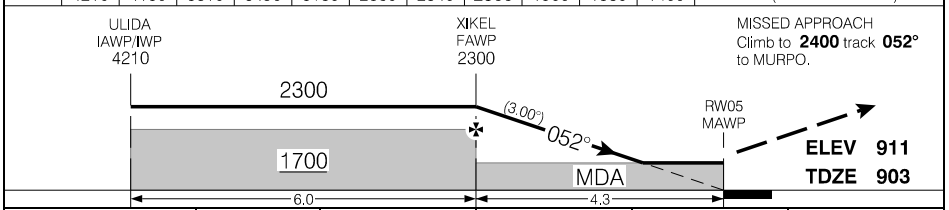
532629N 0914546W VAR 3°W

AWOS - 124.45	TFC - 123.2			ATF	ARCAL 123.2(K)*
SAFE ALT 100 NM 2700	RNAV	APCH CRS 052°	MIN ALT XIKEL 1700	LDA 3508	Ⓟ 2 · ·



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10.3	10	9	8	7	6	5	4.3	3	2	1.4	DIST FROM RW05
	4210	4130	3810	3490	3180	2860	2540	2300	1900	1580	1400	ALT (3.00° APCH PATH)



RASS: When using CYTL add 190'.	CATEGORY	A	B	C	D
	RNAV	1400		(504)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 05

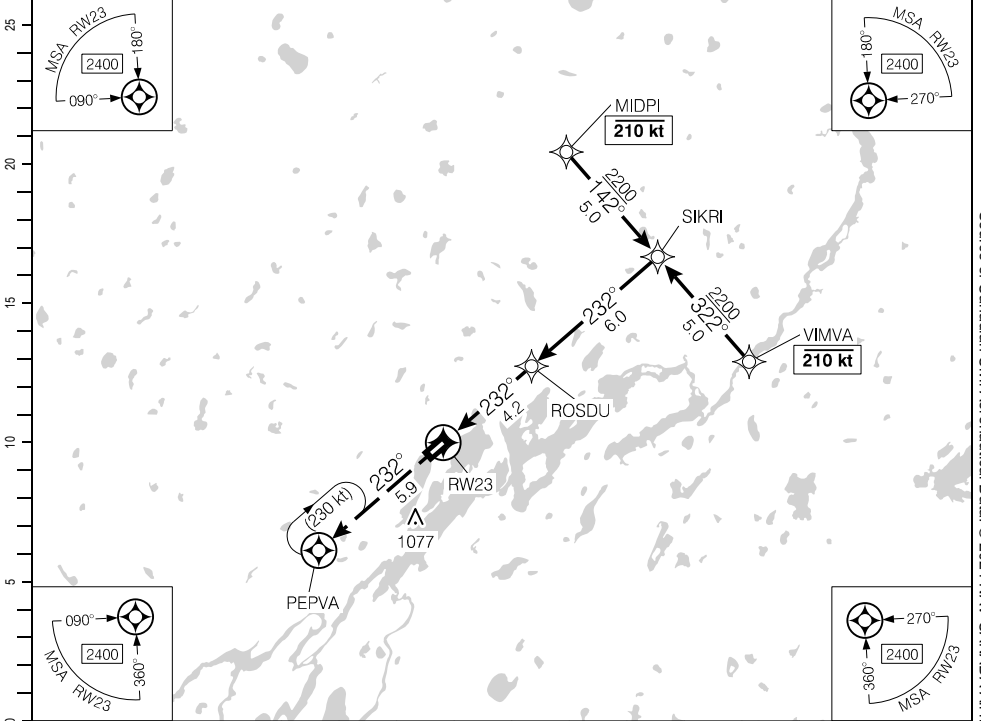
CZMD

EFF 5 NOV 20

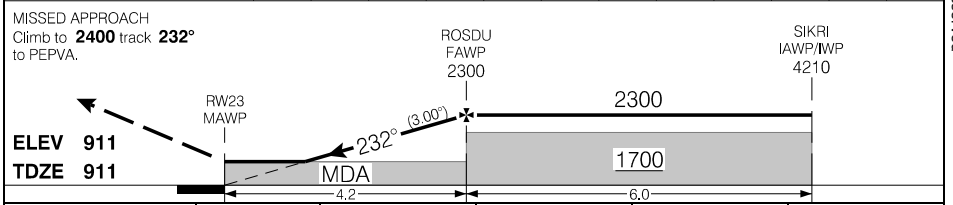
RNAV (GNSS) RWY 23

532629N 0914546W VAR 3°W

AWOS - 124.45		TFC - 123.2		ATF		ARCAL 123.2(K)*	
SAFE ALT 100 NM 2700	RNAV	APCH CRS 232°	MIN ALT ROSDU 1700	LDA 3508		Ⓟ 2 · ·	



DIST FROM RWY 23	1.4	2	3	4.2	5	6	7	8	9	10.2		
ALT (3.00° APCH PATH)	1420	1600	1920	2300	2550	2870	3190	3510	3830	4210		



RASS: When using CYTL add 190'.	CATEGORY	A	B	C	D
	LNAV	1420		(509)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 23

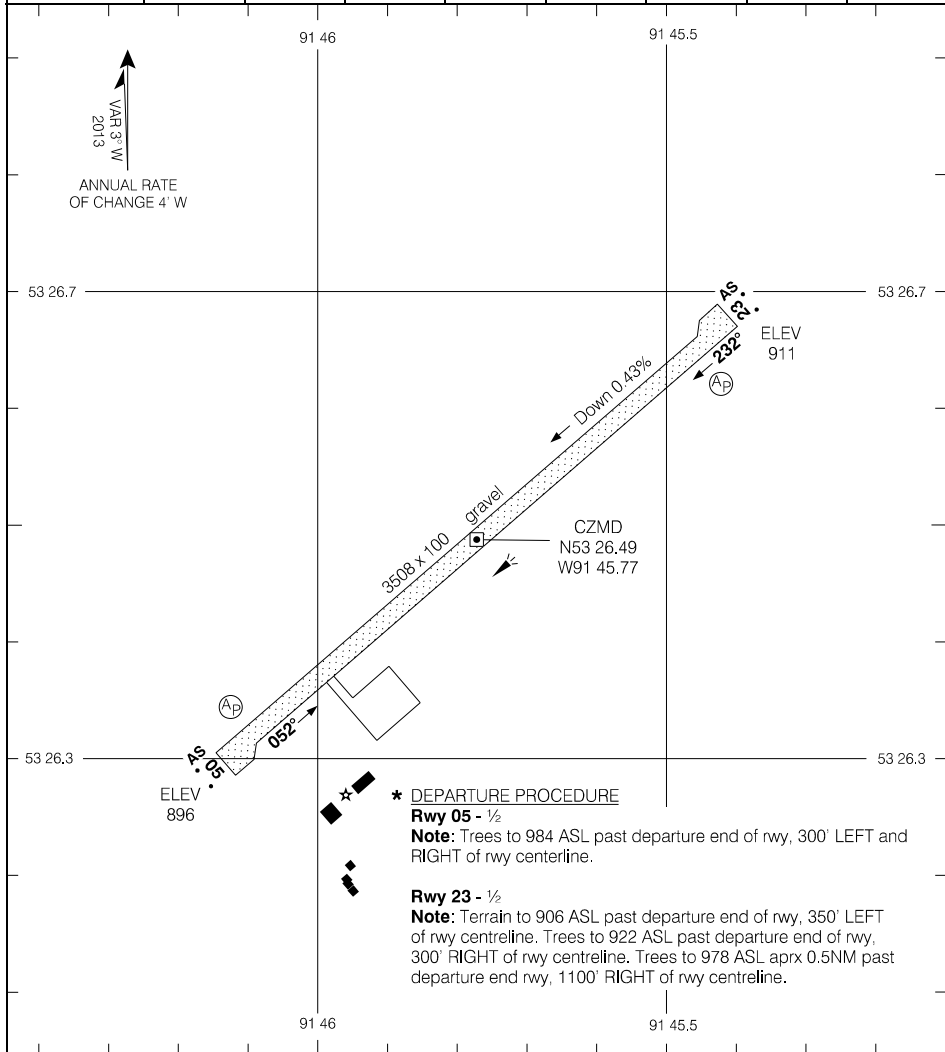
CZMD

EFF 10 SEP 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AWOS - 124.45				TFC - 123.2		ATF	
DECL	DISTS	05	23				
TORA		3508	3508				
TODA		3508	3508				
ASDA		3508	3508				
LDA		3508	3508				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 05; 23: *	1000 0 1000

AERODROME CHART

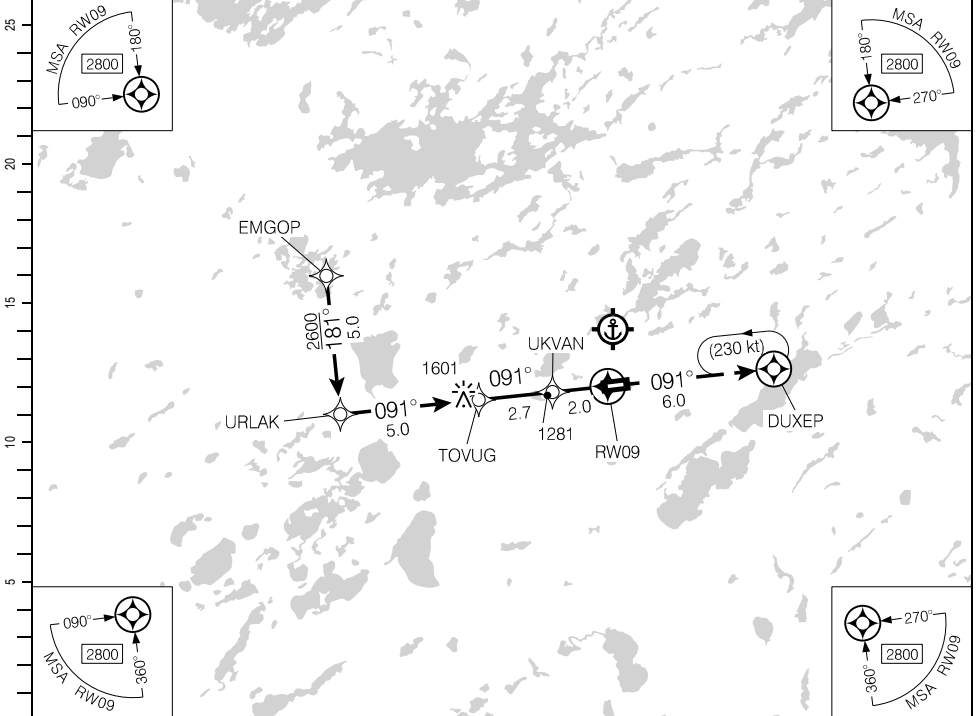
CZMD

EFF 8 SEP 22

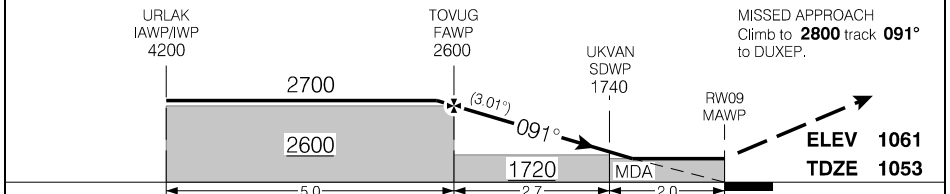
RNAV (GNSS) RWY 09

501059N 0864151W VAR 7°W

RADIO London – 123.47		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3100		RNAV	APCH CRS 091°	MIN ALT TOVUG 2600	LDA 3500
				ATF	
				AP	



(NM)	9.7	9	8	7	6	5.0	4	3	1.6	DIST FROM RW09	
	4200	3980	3660	3340	3020	2700	2380	2060	1600	ALT (3.01° APCH PATH)	



RASS: Use CYGQ.			CATEGORY	A	B	C	D
			LNAV	1600		(547)	1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	590						
130	690						
150	800						

RNAV (GNSS) RWY 09

CYQN

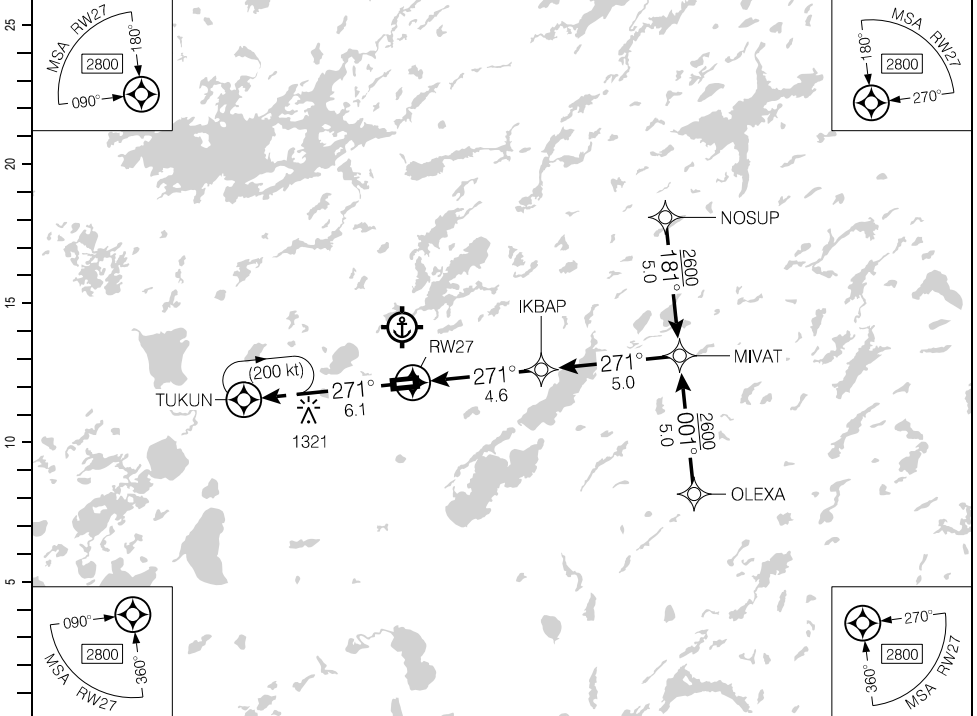
EFF 5 DEC 19

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 27

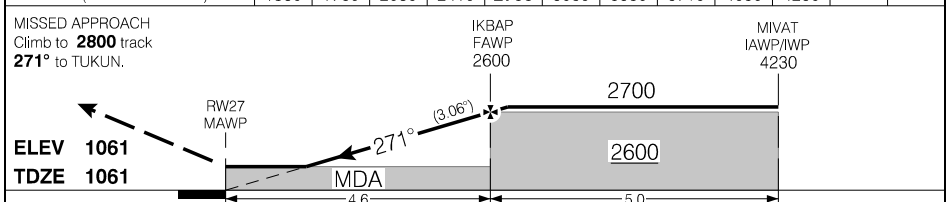
501059N 0864151W VAR 7°W

RADIO London – 123.47		UNICOM – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3100		RNAV	APCH CRS 271°	MIN ALT IKBAP 2600	LDA 3500
				ATF	
				AP	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RWY27	1.4	2	3	4	4.9	6	7	8	9	9.6		
ALT (3.06° APCH PATH)	1580	1760	2080	2410	2700	3060	3380	3710	4030	4230		



RASS: Use CYQG.			CATEGORY	A	B	C	D
			LNAV	1580		(519)	1½
Knots	ft/min	Min:Sec					
70	380						
90	490						
110	600						
130	700						
150	810						

RNAV (GNSS) RWY 27

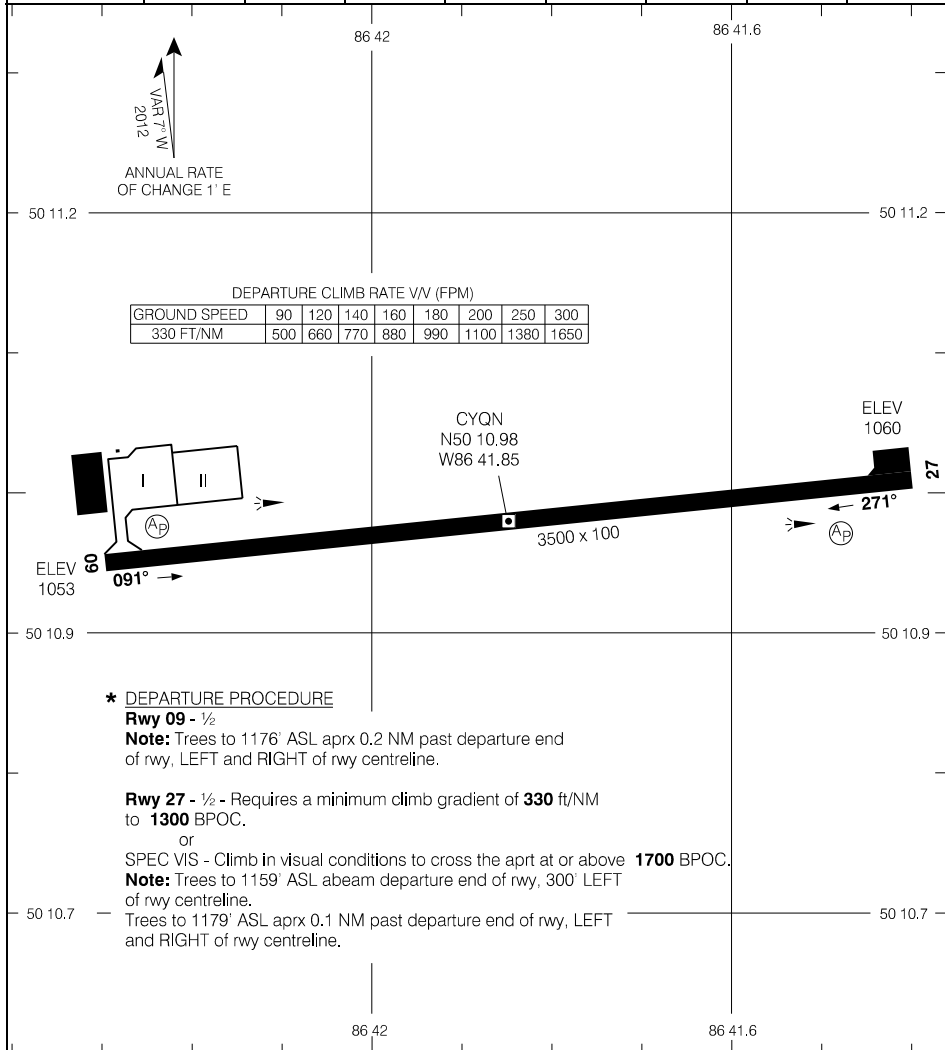
CYQN

EFF 20 APR 23

AERODROME CHART

				UNICOM - 122.8		RADIO London - 123.47	
				ATF			

DECL DIST	09	27					
TORA	3500	3500					
TODA	3500	3500					
ASDA	3500	3500					
LDA	3500	3500					



★ DEPARTURE PROCEDURE

Rwy 09 - 1/2

Note: Trees to 1176' ASL aprx 0.2 NM past departure end of rwy, LEFT and RIGHT of rwy centreline.

Rwy 27 - 1/2 - Requires a minimum climb gradient of 330 ft/NM to 1300 BPOC.

or

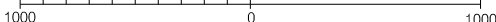
SPEC VIS - Climb in visual conditions to cross the aprt at or above 1700 BPOC.
Note: Trees to 1159' ASL abeam departure end of rwy, 300' LEFT of rwy centreline.

Trees to 1179' ASL aprx 0.1 NM past departure end of rwy, LEFT and RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 09, 27: ★

SCALE IN FEET



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

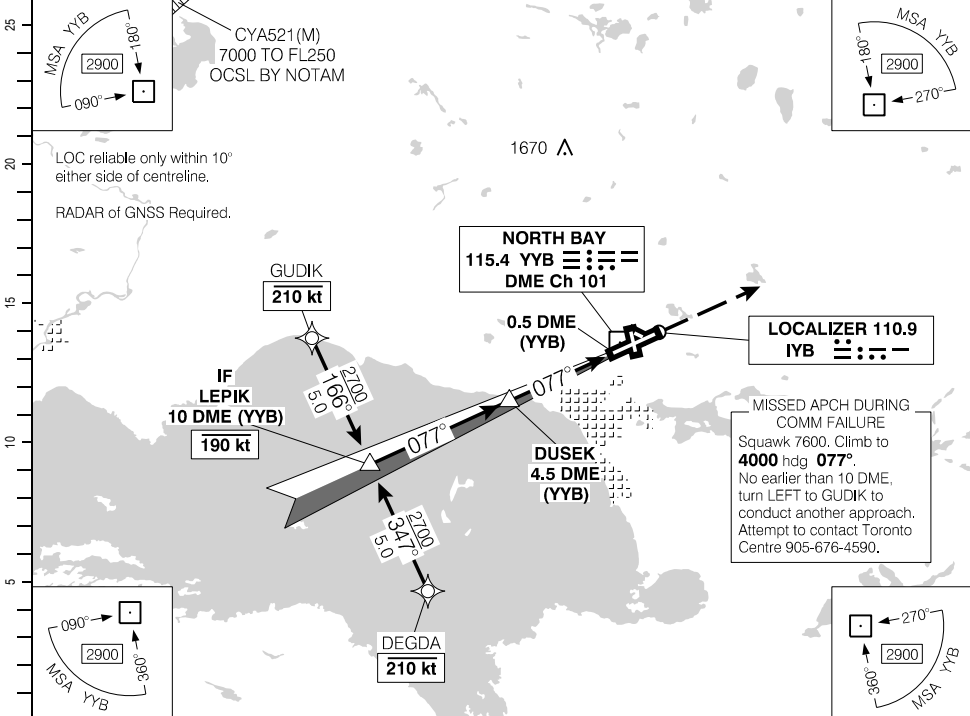
CYQN

EFF 25 APR 19

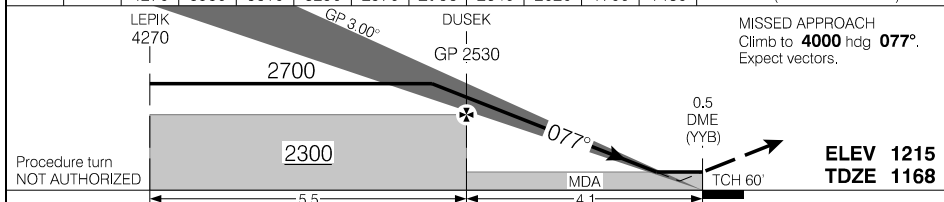
ILS RWY 08

462150N 0792527W VAR 11°W

<ul style="list-style-type: none"> ● ATIS - 124.9 ● AWOS - 124.9 	CTR Toronto - 127.25	<ul style="list-style-type: none"> ● RADIO - 118.3 ● TFC - 118.3 	MF GP DUSEK 2530	LDA 10004	ARCAL 118.3(K) P1 AN
SAFE ALT 100 NM 3500	LOC YB 110.9	APCH CRS 077°			



(NM)	10.1	9	8	7	6	5.1	4	3	2	1.3	DIST FROM DME (YB)
	4270	3930	3610	3290	2970	2700	2340	2020	1700	1480	ALT (3.00° APCH PATH)



RASS: When using CYSB add 150'.		CATEGORY	A	B	C	D
		ILS/DME	1368 (200)		½ RVR 26	
DUSEK to MAP 4.1 NM		LOC/DME	1480 (312)		1 RVR 50	
		☑ CIRCLING	1720 (505) 1½	1740 (525) 1½	1820 (605)	2
Knots	ft/min	Min:Sec				
70	370	3:31				
90	480	2:44				
110	580	2:14				
130	690	1:54				
150	800	1:38				

ILS RWY 08

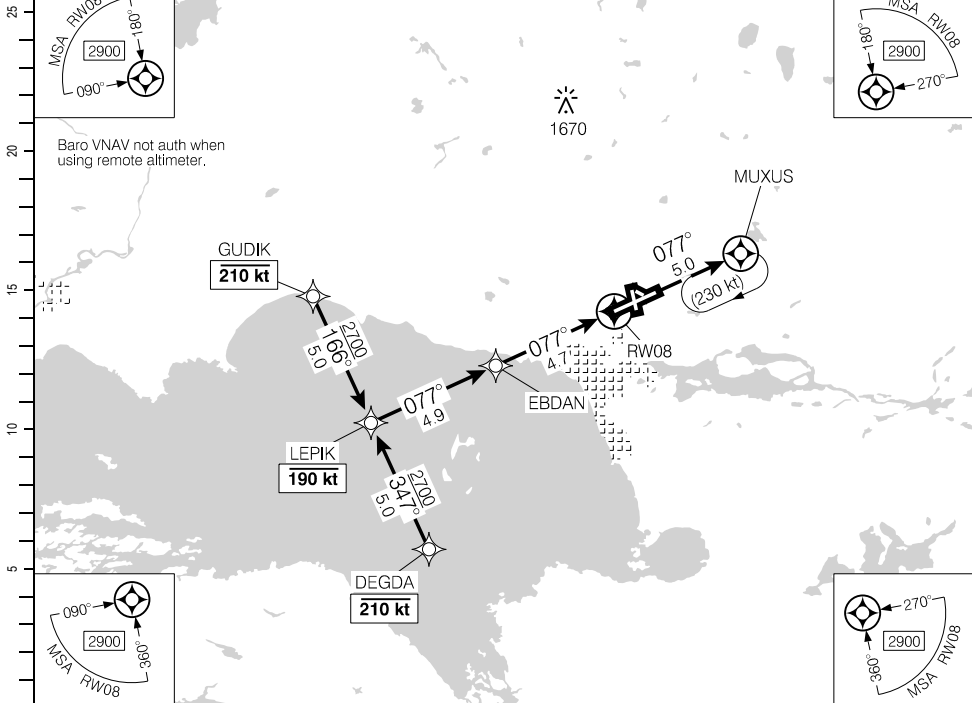
CYYB

EFF 30 NOV 23

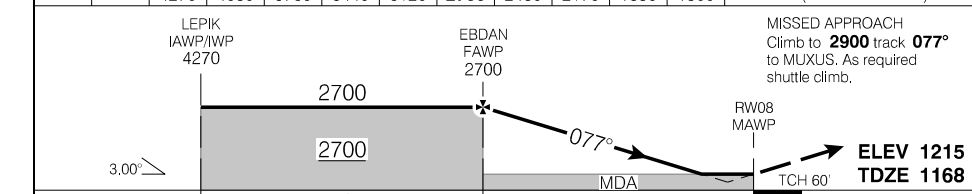
RNAV (GNSS) RWY 08

462150N 0792527W VAR 11°W

<ul style="list-style-type: none"> ● ATIS - 124.9 ● AWOS - 124.9 	CTR Toronto - 127.25	<ul style="list-style-type: none"> ● RADIO - 118.3 ● TFC - 118.3 	ARCAL 118.3(K)
SAFE ALT 100 NM 3500	WAAS Ch 80306 W08A	APCH CRS 077°	MIN ALT EBDAN 2700
			LDA 10004



(NM)	9.6	9	8	7	6	4.7	4	3	2	0.9	DIST FROM RWY08
	4270	4080	3760	3440	3120	2700	2480	2170	1850	1500	ALT (3.00° APCH PATH)



RASS: When using CYSB add 150'.			CATEGORY	A	B	C	D
			LPV	1349	(200)	½ RVR 26	
			LNAV/VNAV (min. -22°C, max. 54°C)	1403	(254)	1 RVR 50	
			LNAV	1500	(351)	1 RVR 50	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 08

CYYB

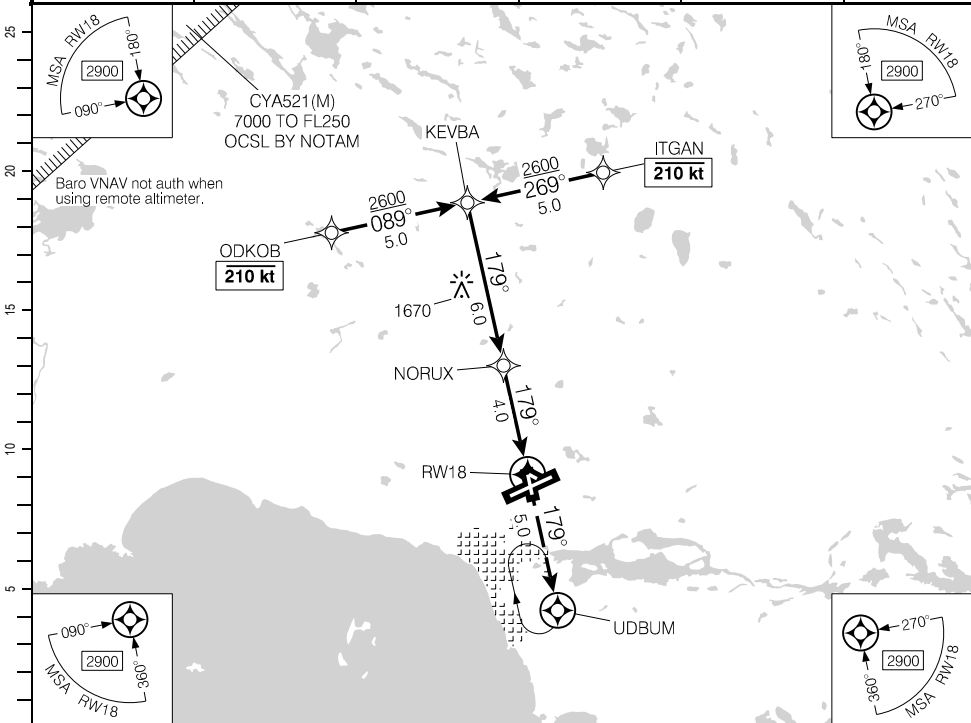
EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 18

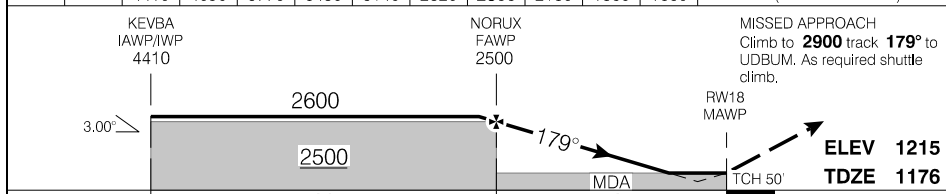
462150N 0792527W VAR 11°W

<ul style="list-style-type: none"> ● ATIS - 124.9 ● AWOS - 124.9 	CTR Toronto - 127.25	<ul style="list-style-type: none"> ● RADIO - 118.3 ● TFC - 118.3 	ARCAL 118.3(K)
SAFE ALT 100 NM 3500	WAAS Ch 80491 W18A	APCH CRS 179°	MIN ALT NORUX 2500
			LDA 4492



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		10	9	8	7	6	5	4.3	3	2	1.0	DIST FROM RWY18
		4410	4090	3770	3450	3140	2820	2600	2180	1860	1660	ALT (3.00° APCH PATH)



RASS: When using CYSB add 150'.			CATEGORY	A	B	C	D
			LPV	1425	(251)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1581	(407)		1½
			LNAV	1660	(486)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 18

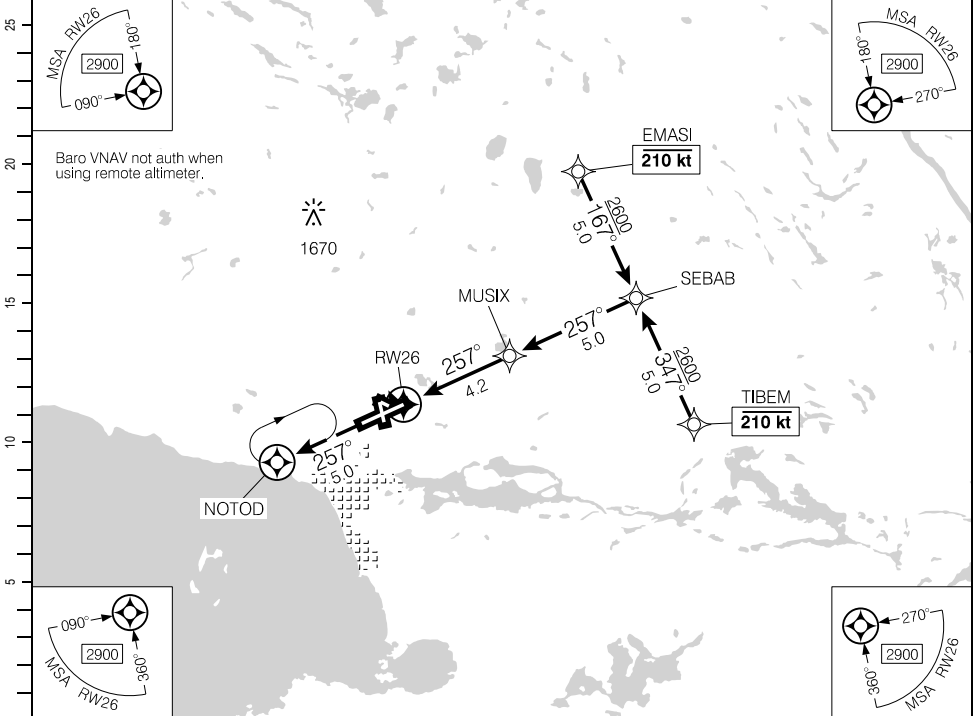
CYYB

EFF 30 NOV 23

RNAV (GNSS) RWY 26

462150N 0792527W VAR 11°W

<ul style="list-style-type: none"> ● ATIS – 124.9 ● AWOS – 124.9 	CTR Toronto – 127.25	<ul style="list-style-type: none"> ● RADIO – 118.3 ● TFC – 118.3 	ARCAL 118.3(K)	
SAFE ALT 100 NM 3500	WAAS Ch 80305 W26A	APCH CRS 257°	MIN ALT MUSIX 2600	LDA 10004

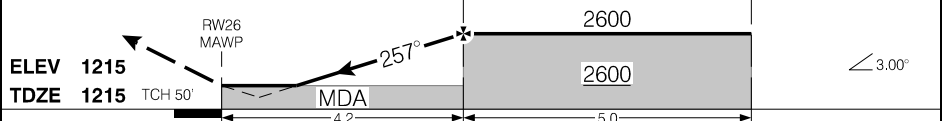


Baro VNAV not auth when using remote altimeter.

1670

DIST FROM RW26	1.3	2	3	4.2	5	6	7	8	9.2		
ALT (3.00° APCH PATH)	1680	1900	2220	2600	2860	3180	3490	3810	4190		

MISSED APPROACH
Climb to **2900** track **257°** to NOTOD.
As required shuttle climb.



RASS: When using CYSB add 150'.			CATEGORY	A	B	C	D
			LPV	1465	(250)		1
			RNAV/VNAV (min. -21°C, max. 54°C)	1715	(500)		1¼
			RNAV	1680	(465)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 26

CYYB

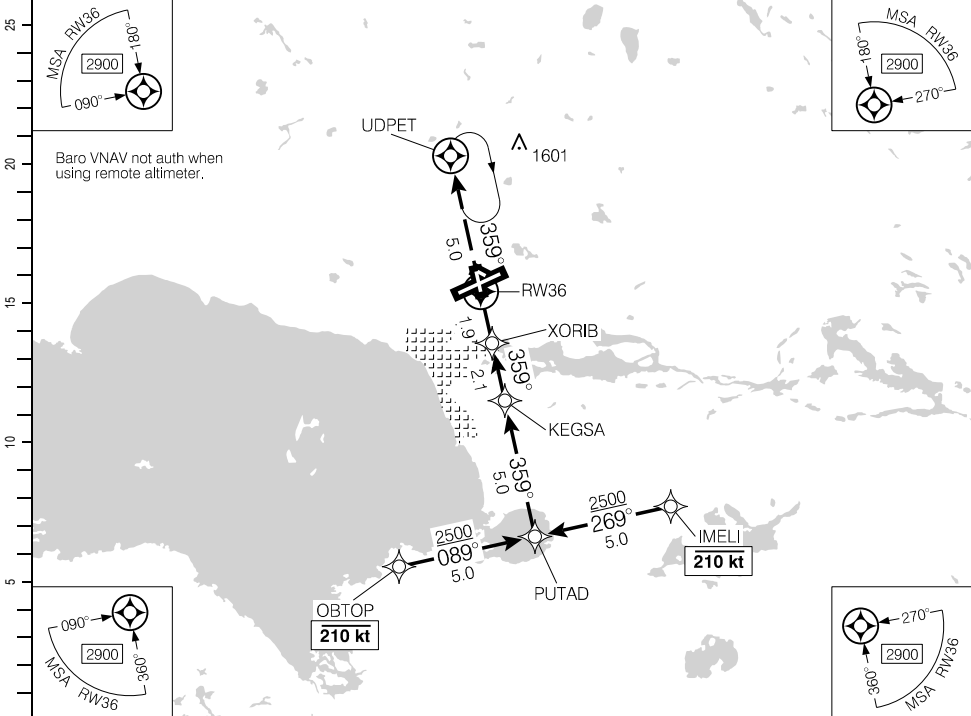
EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 36

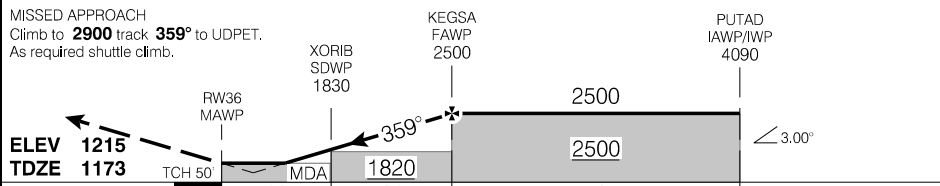
462150N 0792527W VAR 11°W

<ul style="list-style-type: none"> ● ATIS - 124.9 ● AWOS - 124.9 	CTR Toronto - 127.25	<ul style="list-style-type: none"> ● RADIO - 118.3 ● TFC - 118.3 	ARCAL 118.3(K)
SAFE ALT 100 NM 3500	WAAS Ch 80492 W36A	APCH CRS 359°	MIN ALT KEGSA 2500
			LDA 4492



Baro VNAV not auth when using remote altimeter.

DIST FROM RW36	1.1	2	3	4.0	5	6	7	8	9			
ALT (3.00° APCH PATH)	1560	1860	2180	2500	2810	3130	3450	3770	4090			



RASS: When using CYSB add 150'			CATEGORY	A	B	C	D
			LPV	1422	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1483	(311)		1
			LNAV	1560	(388)		1/4
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 36

CYYB

EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

Unless otherwise assigned by ATC

All rwys: Maintain **4000**.

Rwy 08: Climb hdg **077°** to **4000**. Expect radar vectors to assigned route.

Rwy 18: Climb hdg **179°** to **4000**. Expect radar vectors to assigned route.

Rwy 26: Climb hdg **257°** to **4000**. Expect radar vectors to assigned route.

Rwy 36: Climb hdg **359°** to **4000**. Expect radar vectors to assigned route.

Communication Failure

On recognition of failure 10 minutes or less after take-off and IFR weather conditions, proceed as follows:

1. Select transponder code 7600;
2. Proceed directly on course 5 minutes after selecting 7600, then;
3. Climb to flight planned altitude.

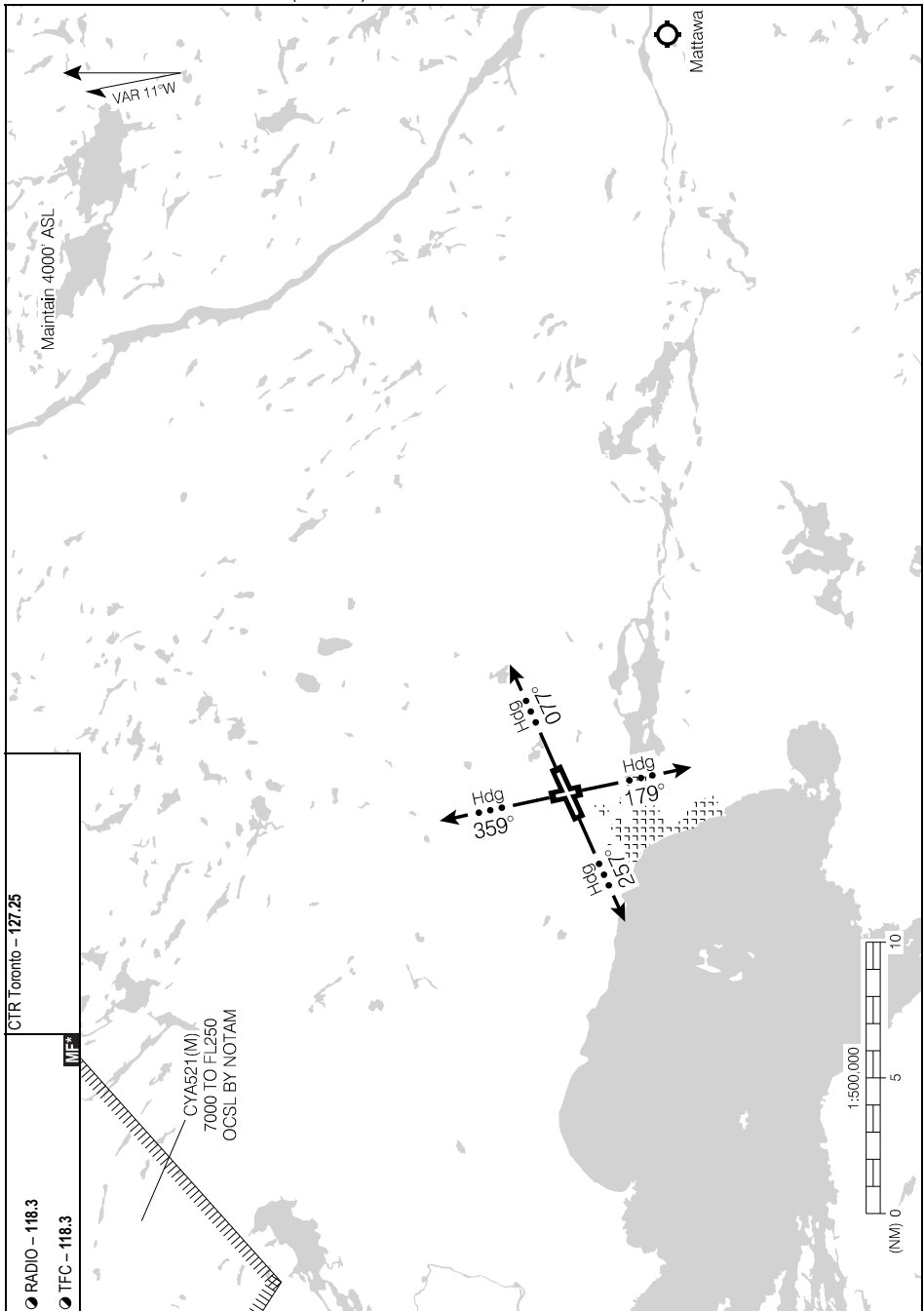
NOTE: If communication failure occurs more than 10 minutes after take-off, comply with appropriate procedures for Communication Failure en-route.

SID (VECTOR)

NORTH BAY, ON

NORTH BAY TWO DEP (CYYB2.)

CYYB



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NORTH BAY TWO DEP (CYYB2.)

CYYB

EFF 26 MAY 16

DEPARTURE PROCEDURE

Departure Procedure**Rwy 08 – ½:**

Note: Terrain to 1227 ASL abeam departure end of rwy, LEFT of rwy centreline.

Rwy 18 – ½:

Note: Trees to 1206 ASL abeam departure end of rwy, LEFT of rwy centreline.

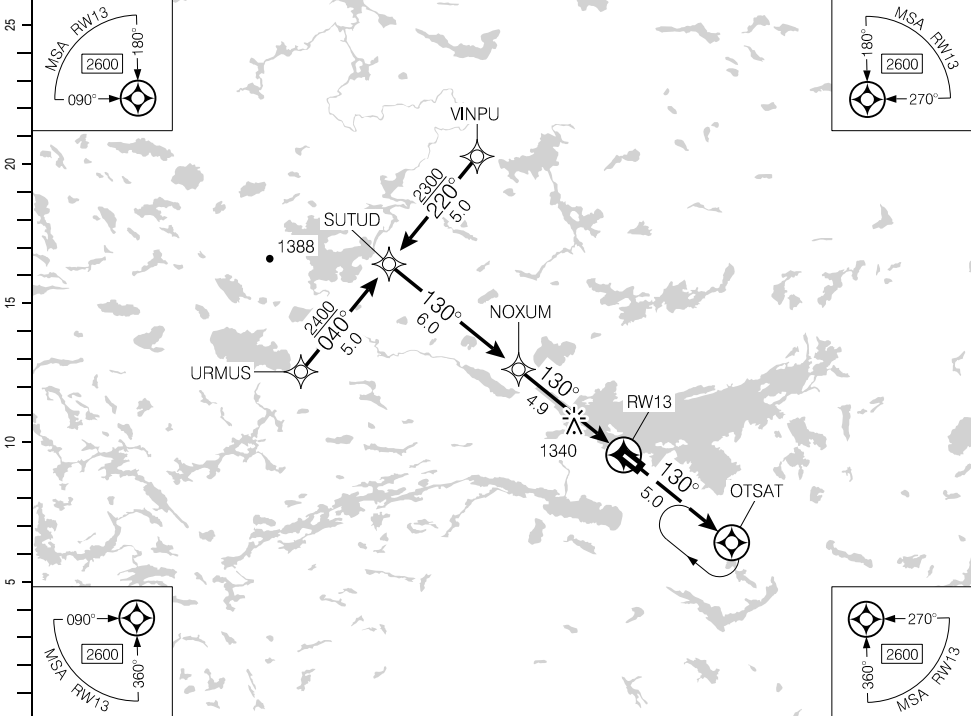
Rwy 36 – ½:

Note: Terrain to 1189 ASL abeam departure end of rwy, RIGHT of rwy centreline.

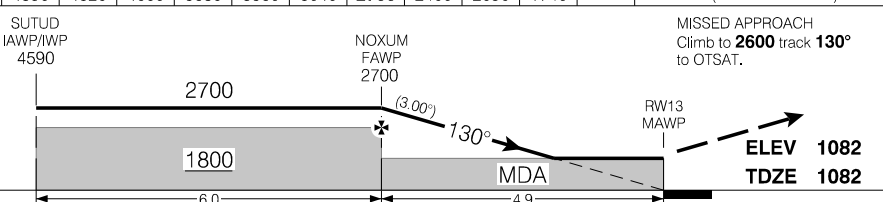
RNAV (GNSS) RWY 13

522924N 0925816W VAR 1°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000	RNAV	APCH CRS 130°	MIN ALT NOXUM 1800	LDA 3518			



(NM)	10.9	10	9	8	7	6	4.9	4	3	1.9	DIST FROM RW13	
	4590	4320	4000	3680	3360	3040	2700	2400	2090	1740	ALT (3.00° APCH PATH)	



RASS: Use CZSJ.			CATEGORY	A	B	C	D
			LNAV	1740 (658)		2	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 13

CKQ3

EFF 26 MAR 20

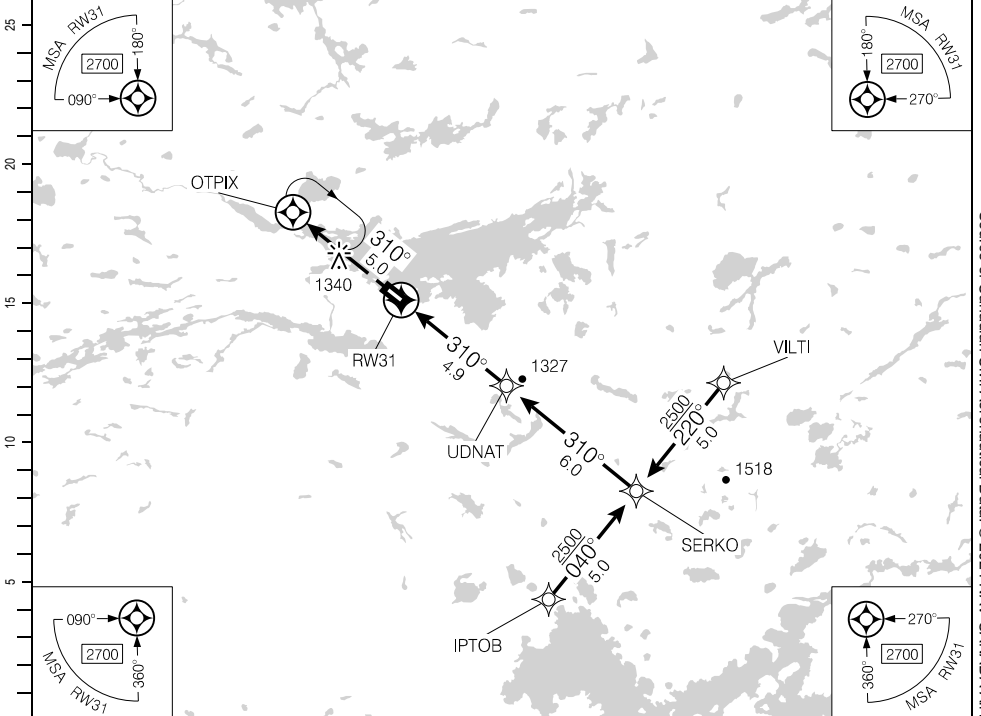
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 31

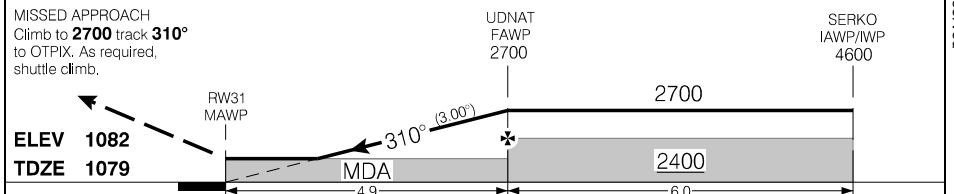
522924N 0925816W VAR 1°W

CKQ3

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000	RNAV	APCH CRS 310°	MIN ALT UDNAT 2400	LDA 3518			



(NM)	DIST FROM RW31	1.6	3	4	4.9	6	7	8	9	10	10.9
	ALT (3.00° APCH PATH)	1640	2080	2400	2700	3040	3360	3670	3990	4310	4600



RASS: Use CZSJ.		CATEGORY	A	B	C	D
		RNAV	1640		(561)	1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 31

CKQ3

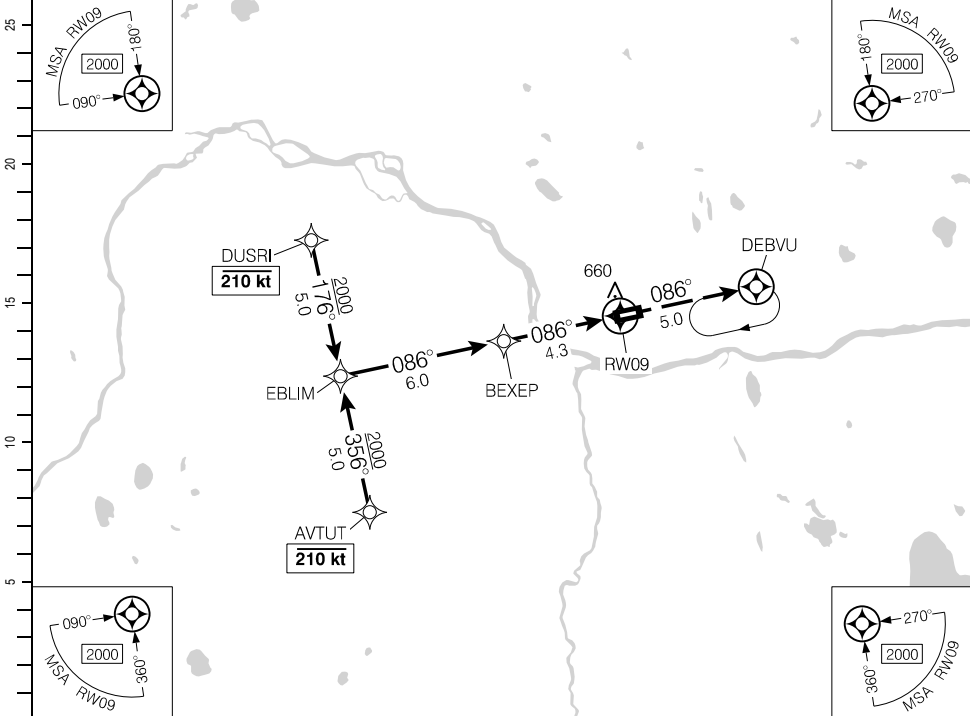
EFF 26 MAR 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

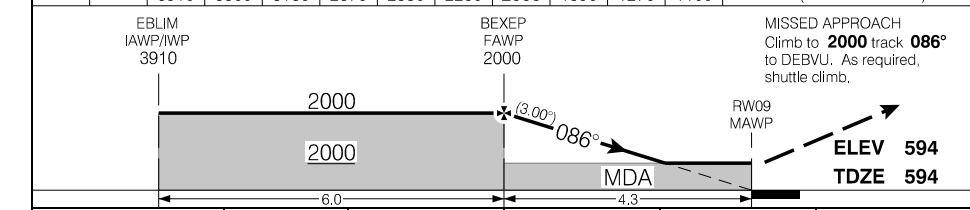
RNAV (GNSS) RWY 09

513931N 0855404W VAR 8°W

AWOS - 128.12		TFC - 123.2		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		RNAV	APCH CRS 086°	MIN ALT BEXEP 2000	LDA 3514



(NM)	10.3	9	8	7	6	5	4.3	3	2	1.5	DIST FROM RW09
	3910	3500	3180	2870	2550	2230	2000	1590	1270	1100	ALT (3.00° APCH PATH)



CATEGORY		A	B	C	D
LNAV		1100		(514)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 09

CYKP

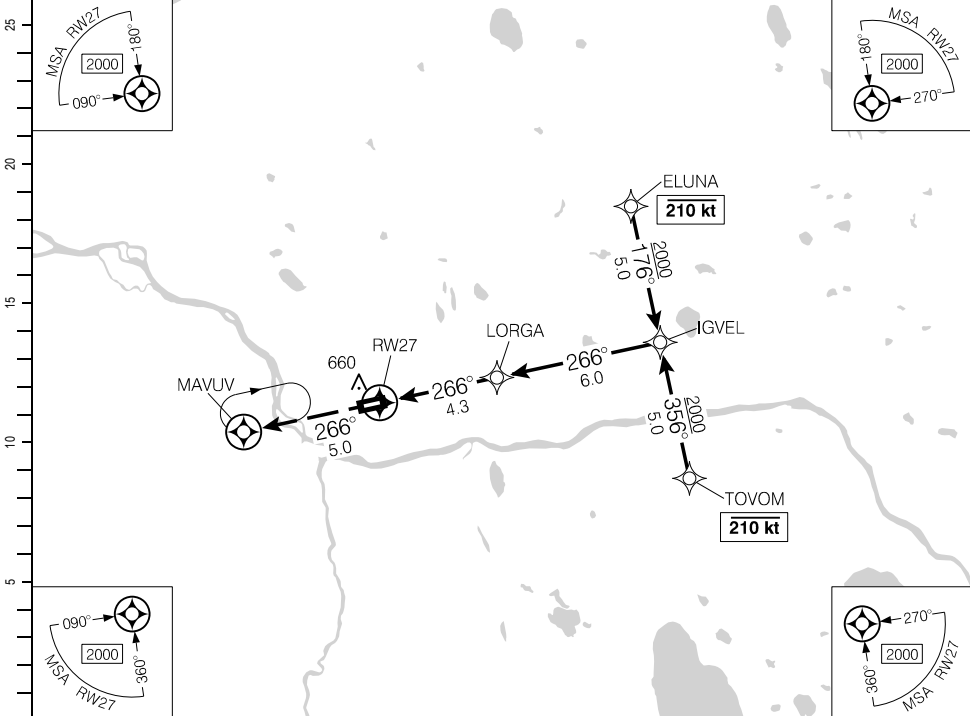
EFF 5 DEC 19

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 27

513931N 0855404W VAR 8°W

AWOS - 128.12		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700	RNAV	APCH CRS 266°	MIN ALT LORGA 2000	LDA 3514			



DIST FROM RW27	1.4	2	3	4.3	5	6	7	8	9	10.3		
ALT (3.00° APCH PATH)	1080	1260	1580	2000	2220	2540	2860	3170	3490	3910		

MISSED APPROACH
Climb to **2000** track **266°** to MAVUV. As required, shuttle climb.

ELV **594**
TDZE **590**

RW27 MAWP

LORGA FAWP 2000

IGVEL IAWP/IWP 3910

MDA 2000

266° (3.00°)

4.3 6.0

		CATEGORY	A	B	C	D
		LNAV	1080	(503)	1½	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 27

CYKP

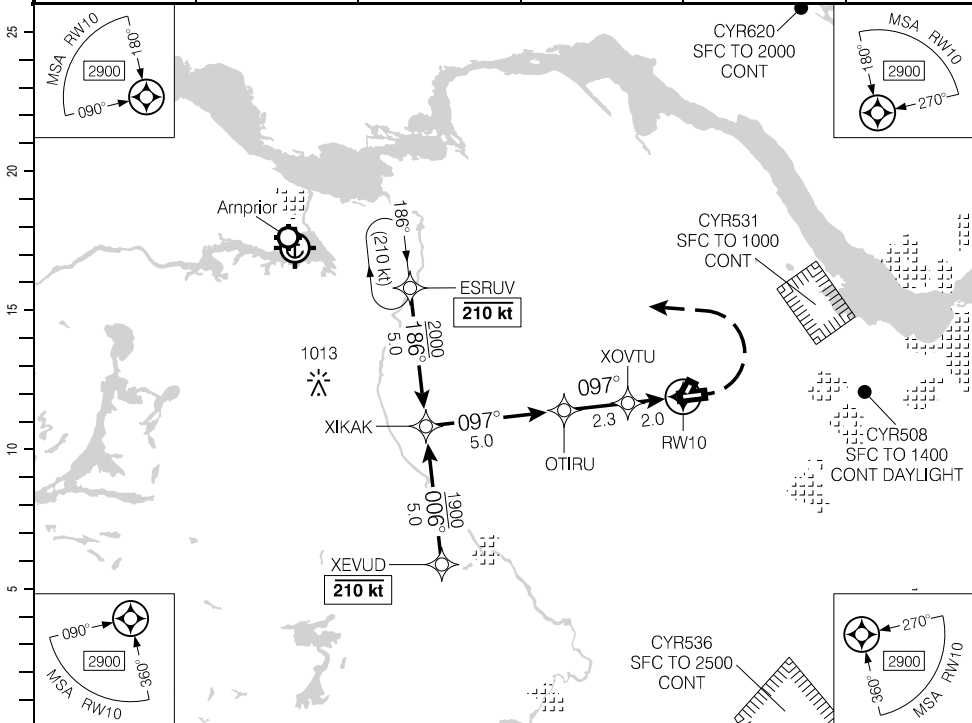
EFF 5 DEC 19

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

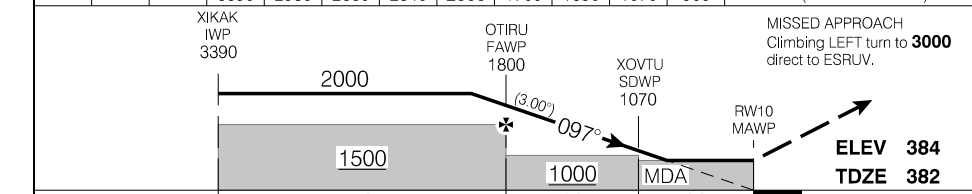
RNAV (GNSS) RWY 10

451921N 0760120W VAR 13°W

ATIS Ottawa – 121.15	TML Ottawa – 128.17	UNICOM – 122.8			ARCAL 122.8 (K)
SAFE ALT 100 NM 6100	RNAV	APCH CRS 097°	MIN ALT OTIRU 1500	LDA 3936	ATF AP 2



(NM)	9.3	8	7	6	4.9	4	3	2	1.5	DIST FROM RWY10
	3390	2980	2660	2340	2000	1700	1390	1070	900	ALT (3.00° APCH PATH)



RASS: Use CYOW.	CATEGORY	A	B	C	D
	RNAV	900		(519)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

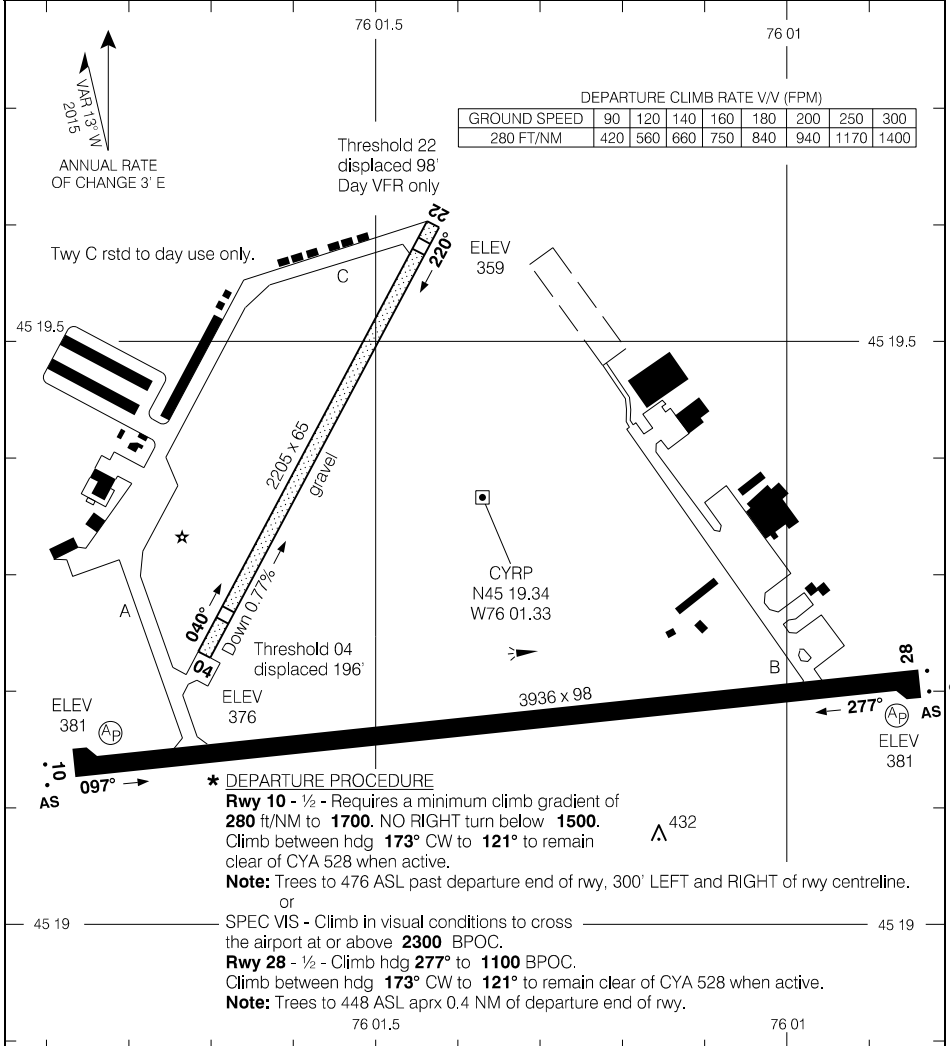
RNAV (GNSS) RWY 10

CYRP

EFF 17 JUN 21

AERODROME CHART

ATIS Ottawa – 121.15					UNICOM – 122.8		DEP Ottawa – 128.17	
					ATF*			
DECL	DISTS	04	22	10	28			
TORA		2205	2205	3936	3936			
TODA		2205	2205	4920	4743			
ASDA		2205	2205	3936	3936			
LDA		2009	2107	3936	3936			



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 10; 28: *	1000 0 1000
Rwys 04; 22: NOT ASSESSED	

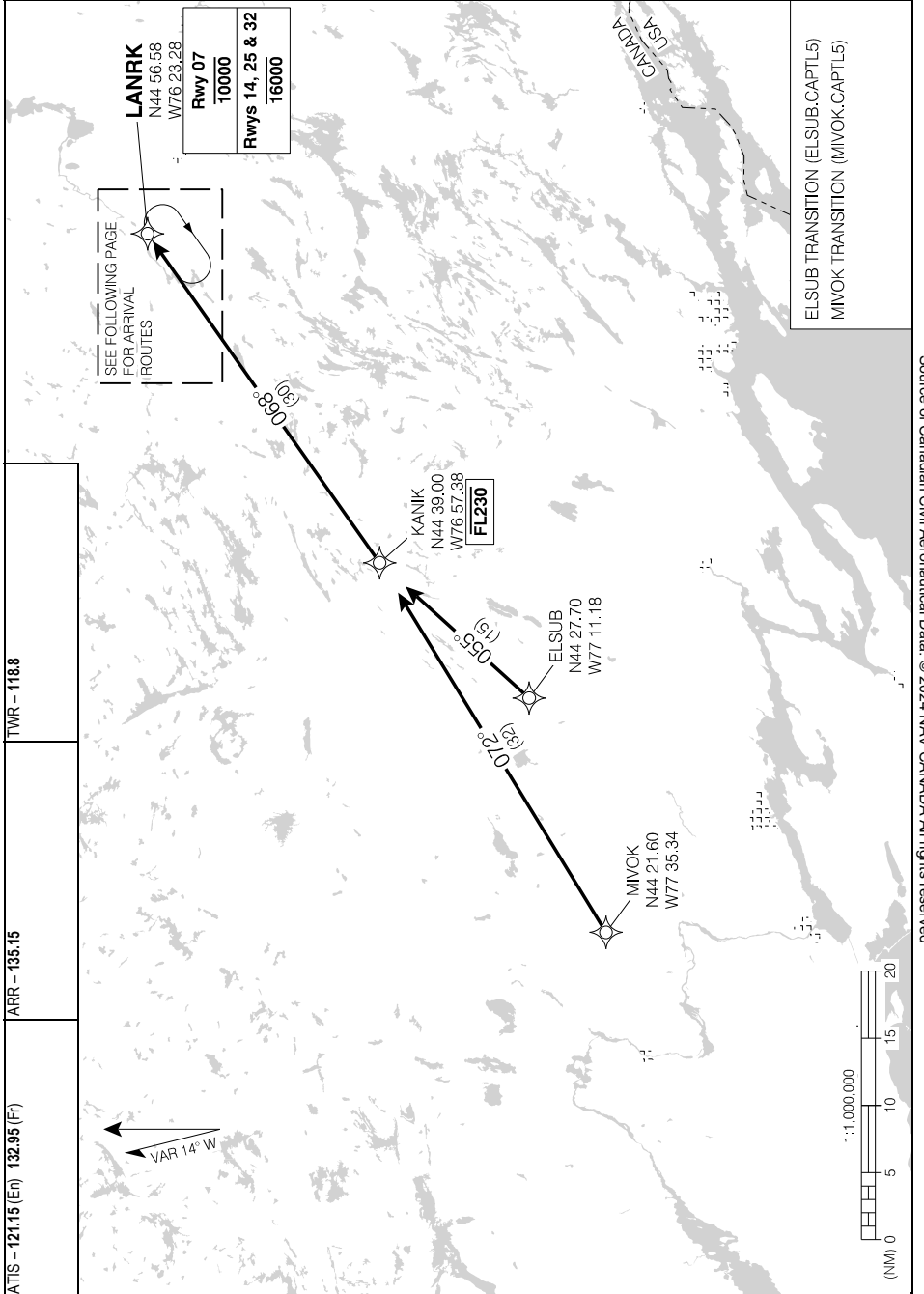
AERODROME CHART

CYRP

EFF 17 JUN 21

CAPITAL FIVE ARR (LANRK.CAPTL5) TRANSITION ROUTES

CYOW



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

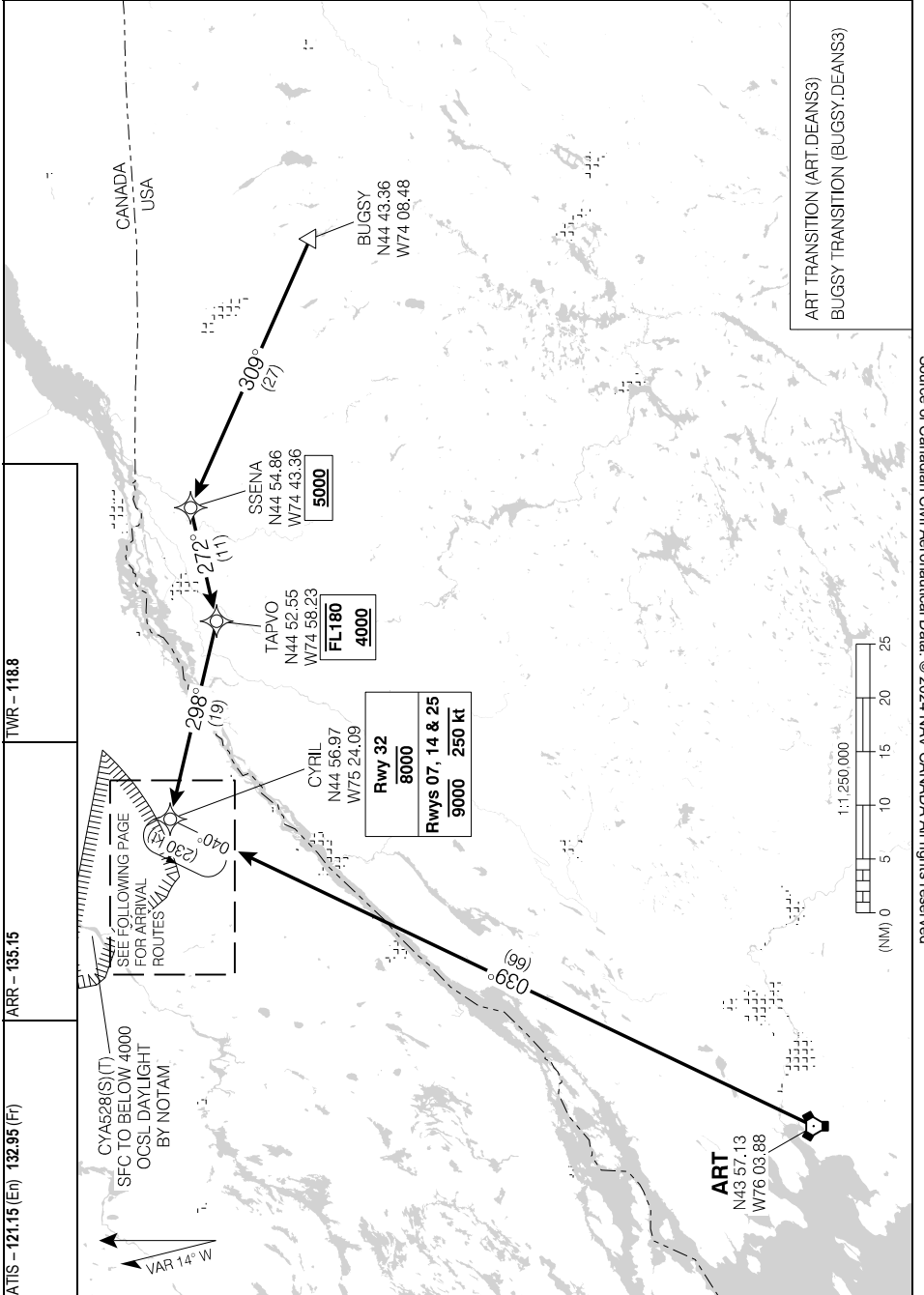
CAPITAL FIVE ARR (LANRK.CAPTL5) TRANSITION ROUTES

CYOW

EFF 28 FEB 19

DEANS THREE ARR (CYRIL.DEANS3) TRANSITION ROUTES

CYOW



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

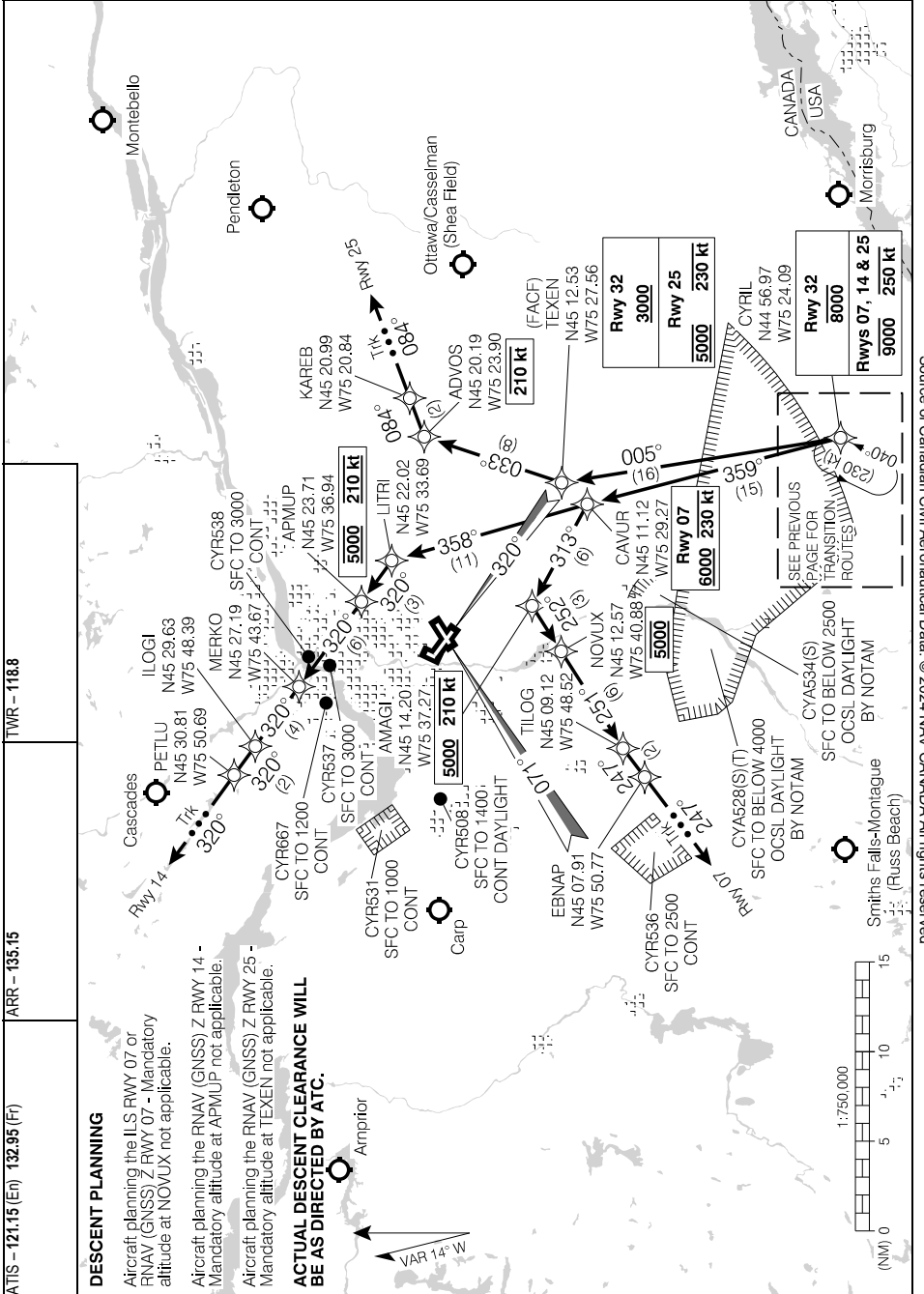
DEANS THREE ARR (CYRIL.DEANS3) TRANSITION ROUTES

CYOW

EFF 21 MAR 24

DEANS THREE ARR (CYRIL.DEANS3) ARRIVAL ROUTES

CYOW



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

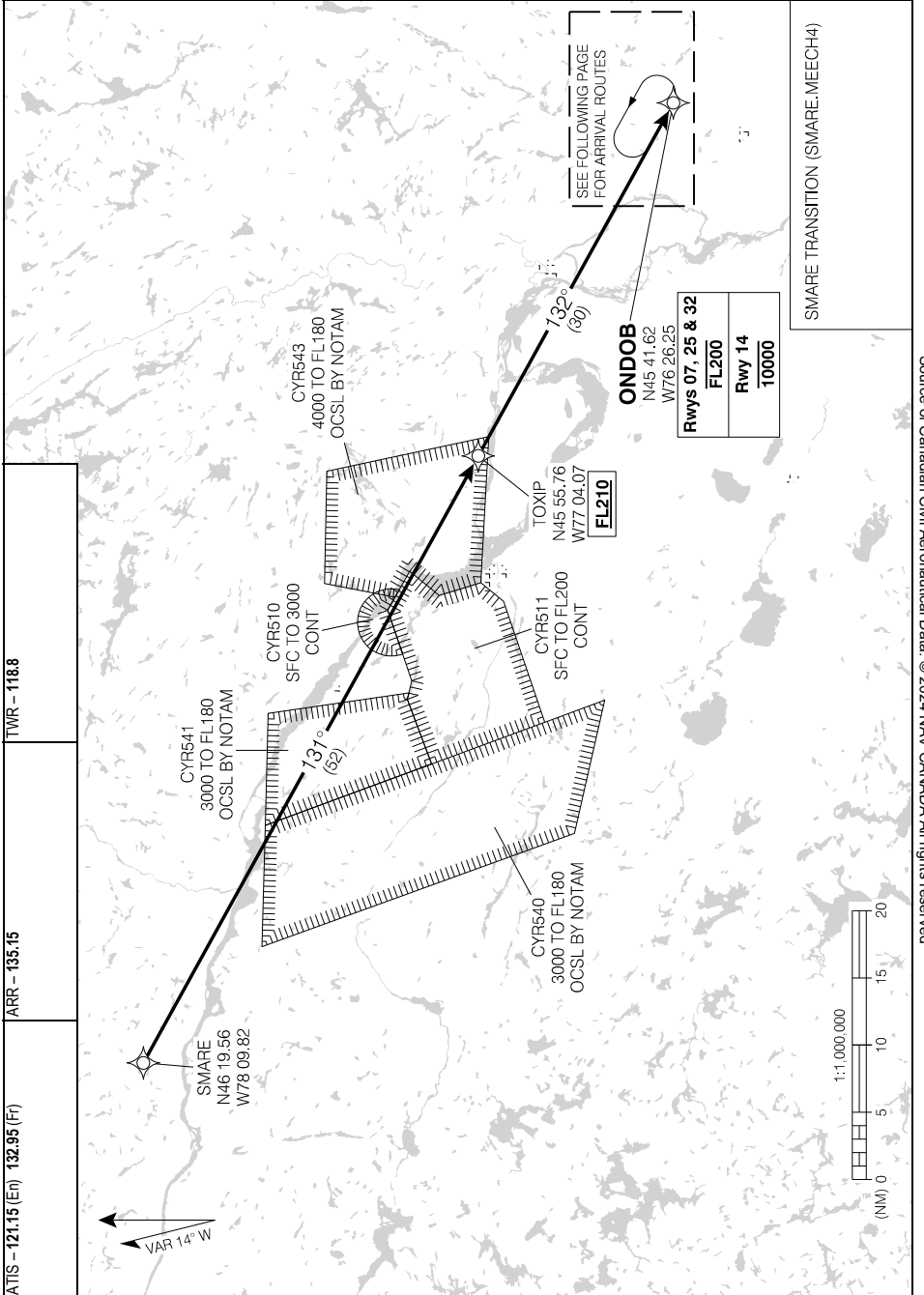
DEANS THREE ARR (CYRIL.DEANS3) ARRIVAL ROUTES

CYOW

EFF 21 MAR 24

MEECH FOUR ARR (ONDOB.MEECH4) TRANSITION ROUTES

CYOW



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

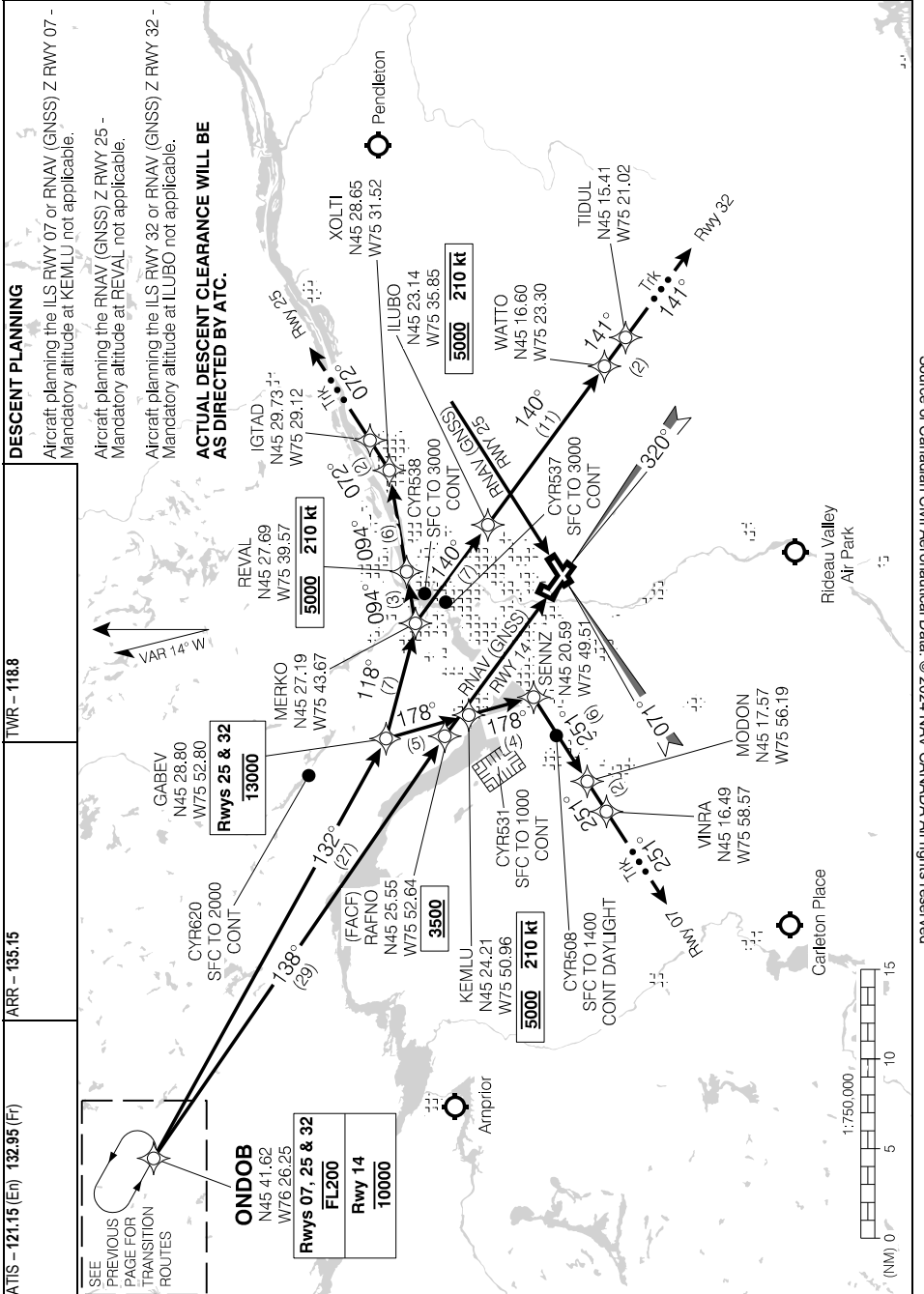
MEECH FOUR ARR (ONDOB.MEECH4) TRANSITION ROUTES

CYOW

EFF 22 APR 21

MEECH FOUR ARR (ONDOB.MEECH4) ARRIVAL ROUTES

CYOW



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

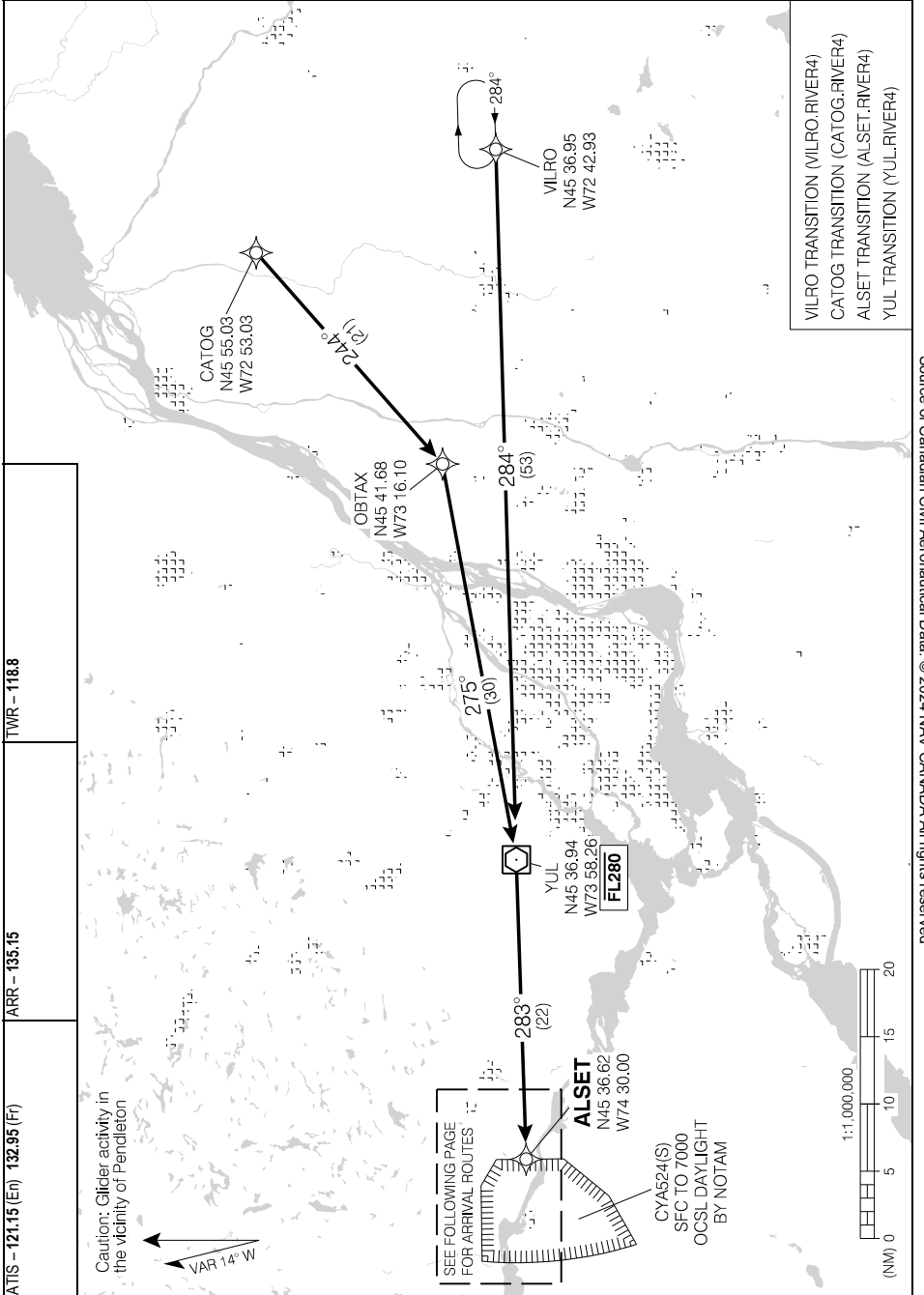
MEECH FOUR ARR (ONDOB.MEECH4) ARRIVAL ROUTES

CYOW

EFF 24 MAR 22

RIVER FOUR ARR (ALSET.RIVER4) TRANSITION ROUTES

CYWOW



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

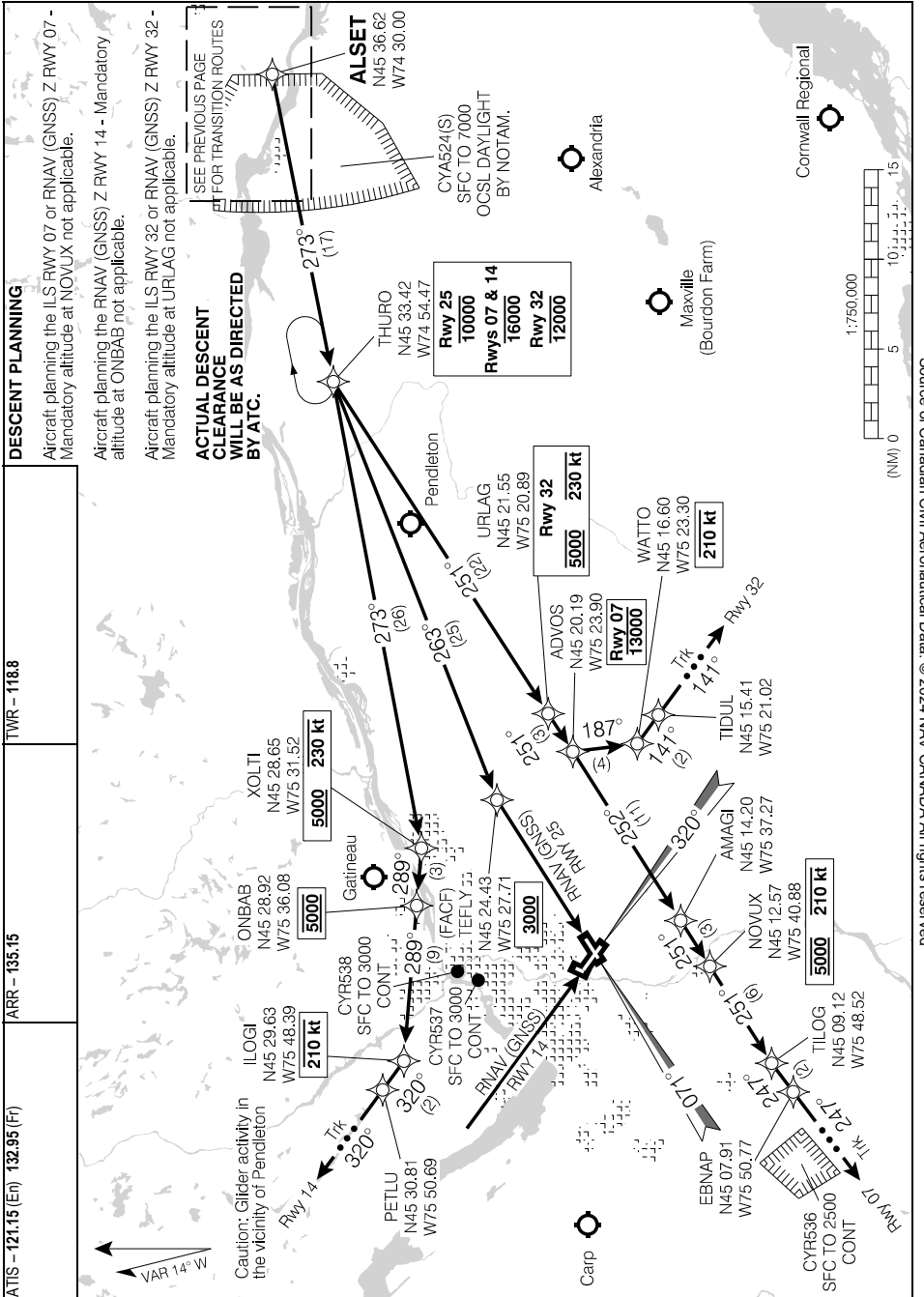
RIVER FOUR ARR (ALSET.RIVER4) TRANSITION ROUTES

CYWOW

EFF 28 FEB 19

RIVER FOUR ARR (ALSET.RIVER4) ARRIVAL ROUTES

CYOW



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

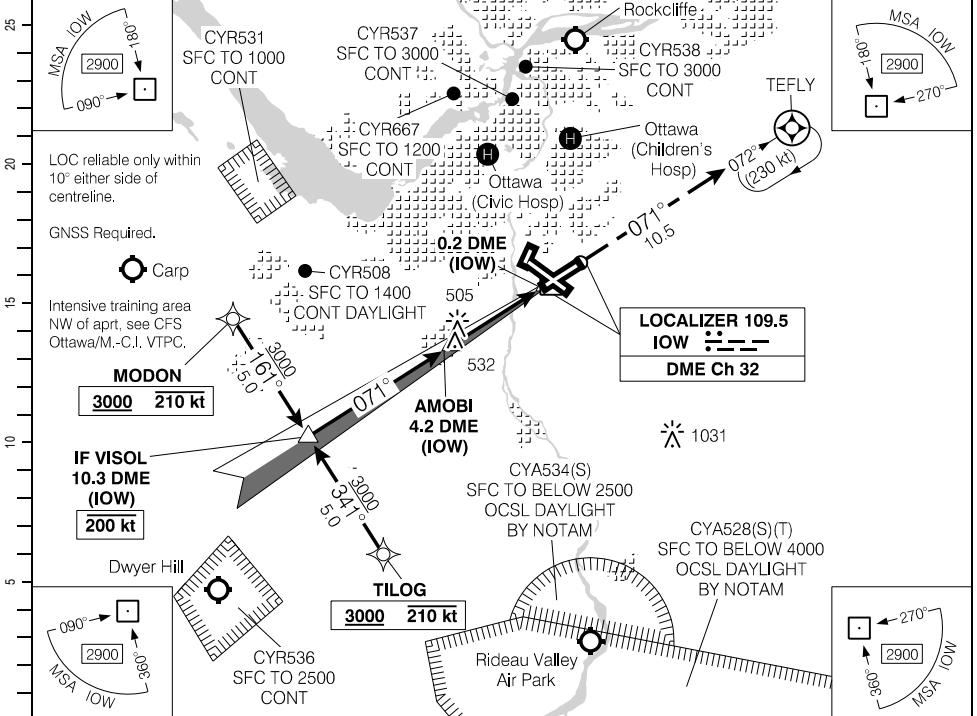
RIVER FOUR ARR (ALSET.RIVER4) ARRIVAL ROUTES

CYOW

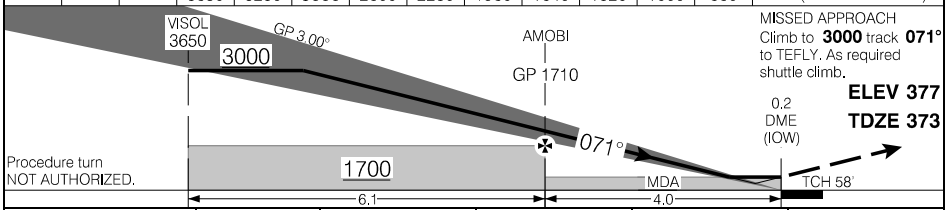
EFF 14 JUL 22

ILS RWY 07

ATIS – 121.15 (En) 132.95 (Fr)	ARR – 135.15	TWR – 118.8	GND – 121.9	AN ③
SAFE ALT 100 NM 7100	LOC IOW 109.5	APCH CRS 071°	GP AMOBI 1710		LDA 8000



(NM)	10.3	9	8.3	7	6	5	4	3	2	0.9	DIST FROM DME (IOW)
	3650	3230	3000	2600	2280	1960	1640	1320	1000	660	ALT (3.00° APCH PATH)



CATEGORY		A	B	C	D				
ILS/DME		573		(200)	½ RVR 26				
AMOBI to MAP 4.0 NM		660		(287)	1 RVR 50				
Knots	ft/min	Min:Sec	CIRCLING						
70	370	3:26	840	(463)	1½				
90	480	2:40				1180 (803)	2¼		
110	580	2:11						1200 (823)	2½
130	690	1:51							
150	800	1:36							


ILS RWY 07

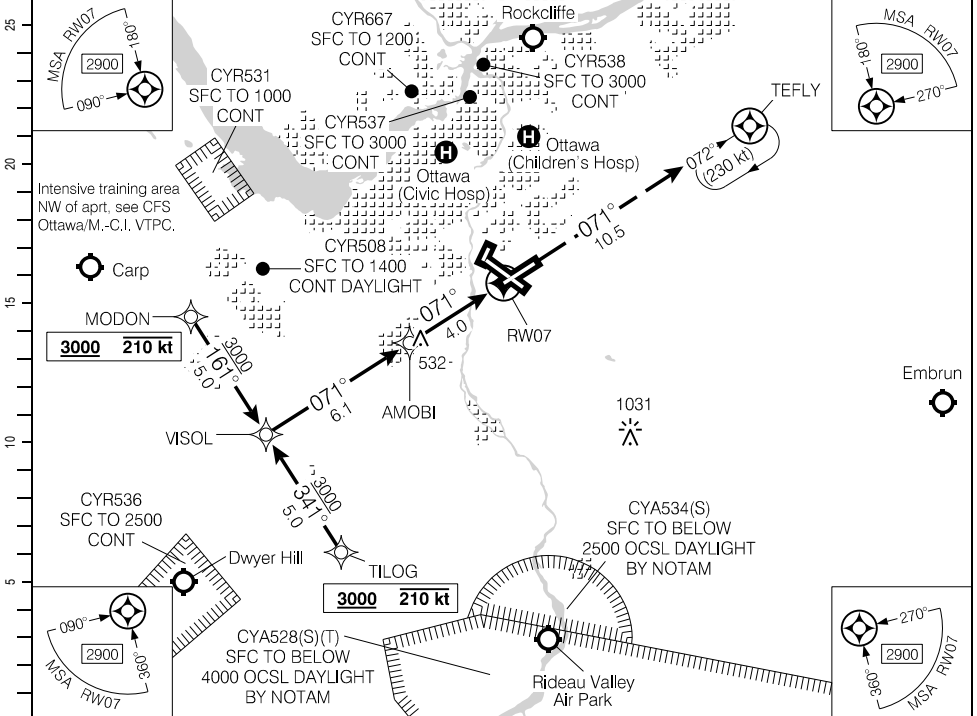
EFF 25 JAN 24

CYOW

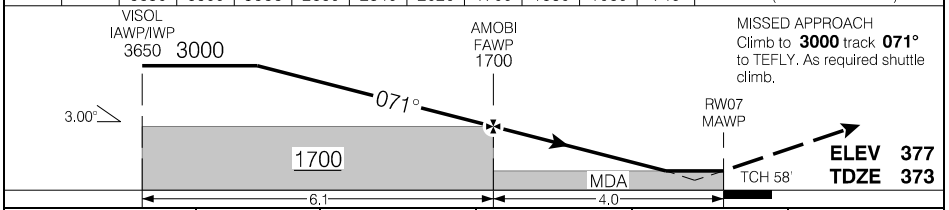
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Z RWY 07

ATIS – 121.15 (En) 132.95 (Fr)	ARR – 135.15	TWR – 118.8	GND – 121.9	
SAFE ALT 100 NM 7100	WAAS Ch 80161 W07A	APCH CRS 071°	MIN ALT AMOBI 1700		LDA Ch 8000



(NM)	10.1	9	8.1	7	6	5	4	3	2	1.0	DIST FROM RW07
	3650	3300	3000	2660	2340	2020	1700	1380	1060	740	ALT (3.00° APCH PATH)



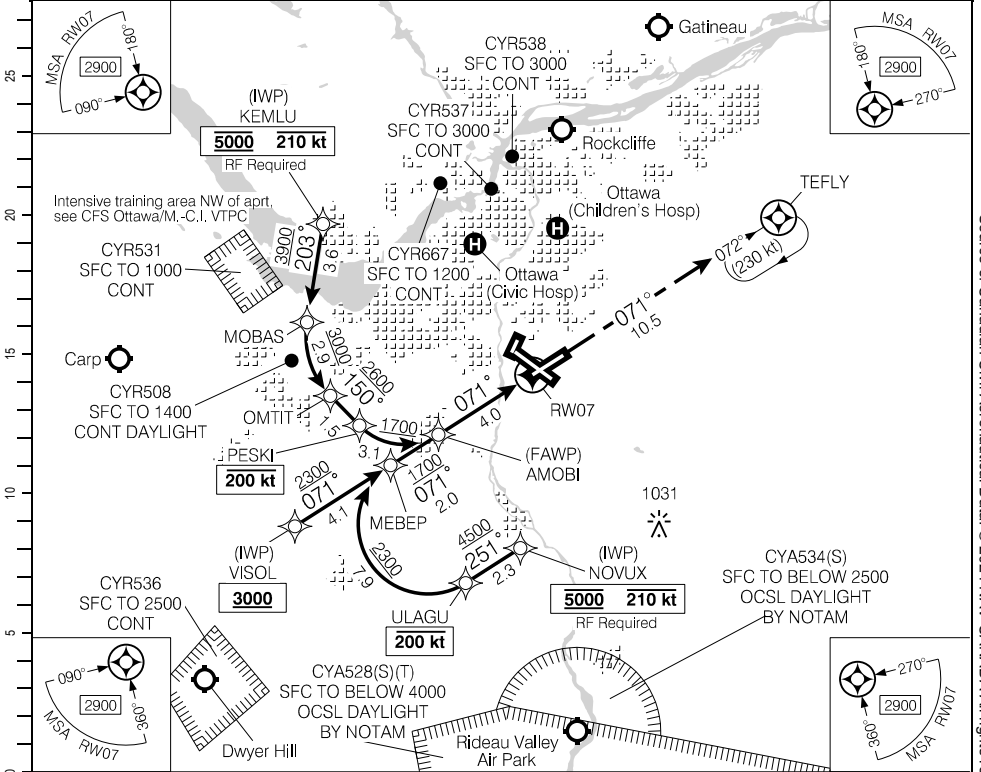
RNAV (GNSS) Z RWY 07

CYOW

EFF 25 JAN 24

RNAV (RNP) Y RWY 07

ATIS – 121.15 (En) 132.95 (Fr)	ARR – 135.15	TWR – 118.8	GND – 121.9	AN P3
SAFE ALT 100 NM 7100	RNAV	APCH CRS 071°	MIN ALT AMOBI 1700		LDA 8000



CATEGORY	A	B	C	D
	RNP 0.30	679	(311)	1 RVR 50

AUTHORIZATION REQUIRED
(min. -19° C)
(max. 54° C)

RNAV (RNP) Y RWY 07

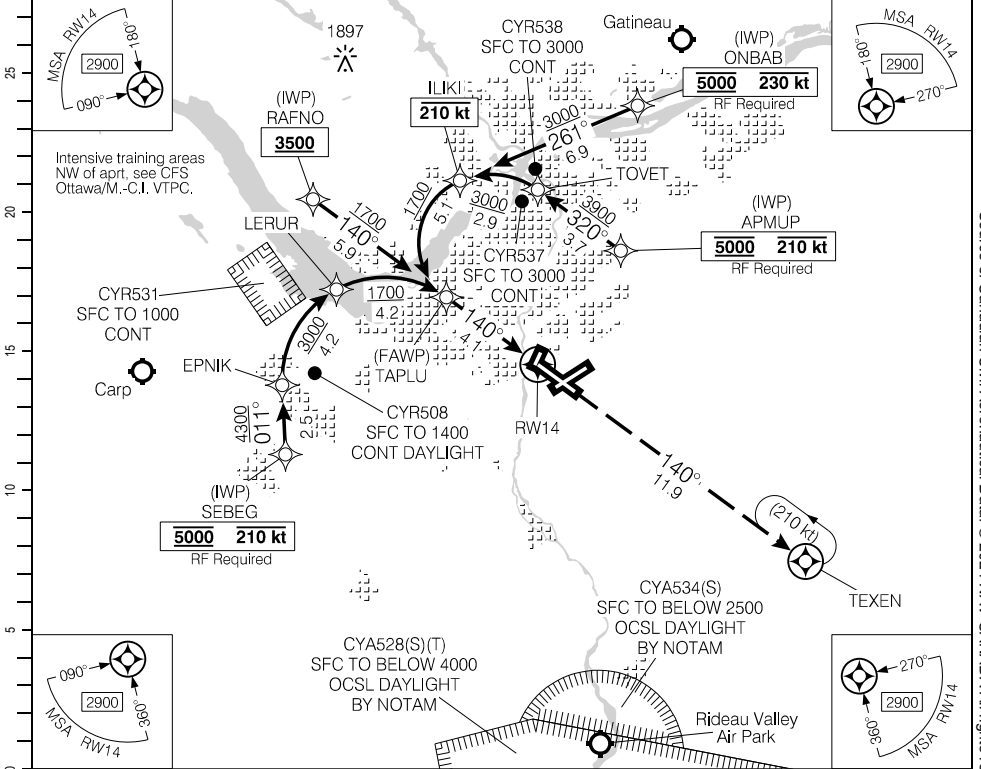
CYOW

EFF 25 JAN 24

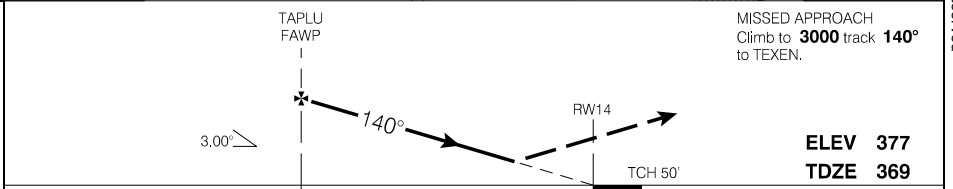
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (RNP) Y RWY 14

ATIS – 121.15 (En) 132.95 (Fr)	ARR – 135.15	TWR – 118.8	GND – 121.9	AN P3
SAFE ALT 100 NM 7100	RNAV	APCH CRS 140°	MIN ALT TAPLU 1700		LDA 10005



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



CATEGORY	A	B	C	D
	RNP 0.15	669	(318)		1
RNP 0.30	743	(392)		1

AUTHORIZATION REQUIRED
(min. -19° C)
(max. 54° C)

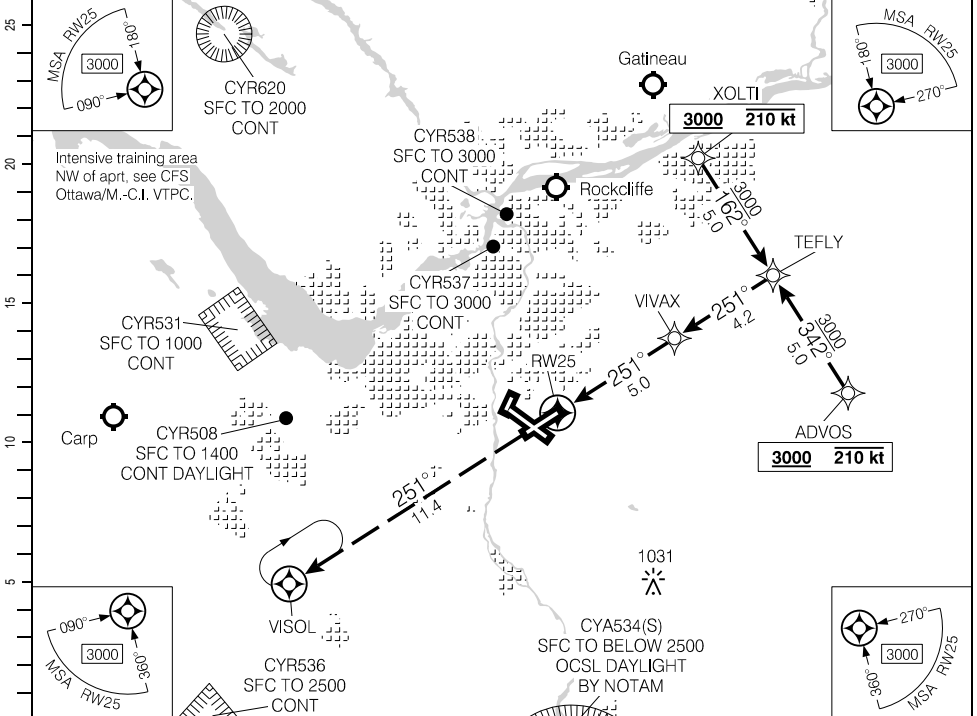
RNAV (RNP) Y RWY 14

CYOW

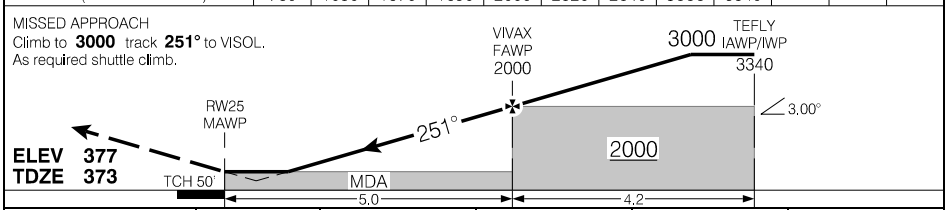
EFF 25 JAN 24

RNAV (GNSS) Z RWY 25

ATIS – 121.15 (En) 132.95 (Fr)	ARR – 135.15	TWR – 118.8	GND – 121.9	
SAFE ALT 100 NM 7100	WAAS Ch 80162 W25A	APCH CRS 251°	MIN ALT VIVAX 2000		LDA 8000



DIST FROM RW25	1.1	2	3	4	5	6	7	8.1	9.2		
ALT (3.00° APCH PATH)	760	1050	1370	1690	2000	2320	2640	3000	3340		



			CATEGORY	A	B	C	D
			LPV	612	(251)		1
			LNAV/VNAV (min. -19°C, max. 54°C)	659	(298)		1
			LNAV	760	(399)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 25

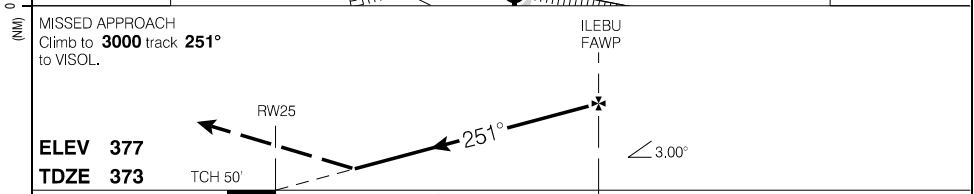
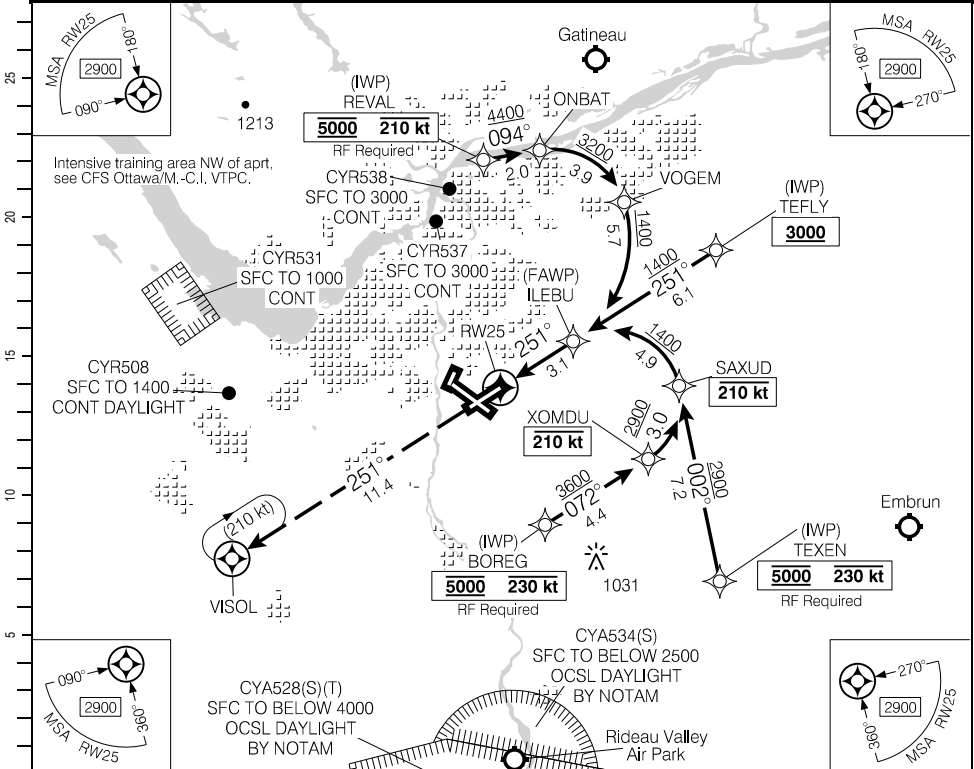
CYOW

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (RNP) Y RWY 25

ATIS – 121.15 (En) 132.95 (Fr)	ARR – 135.15	TWR – 118.8	GND – 121.9	
SAFE ALT 100 NM 7100	RNAV	APCH CRS 251°	MIN ALT ILEBU 1400		LDA 8000



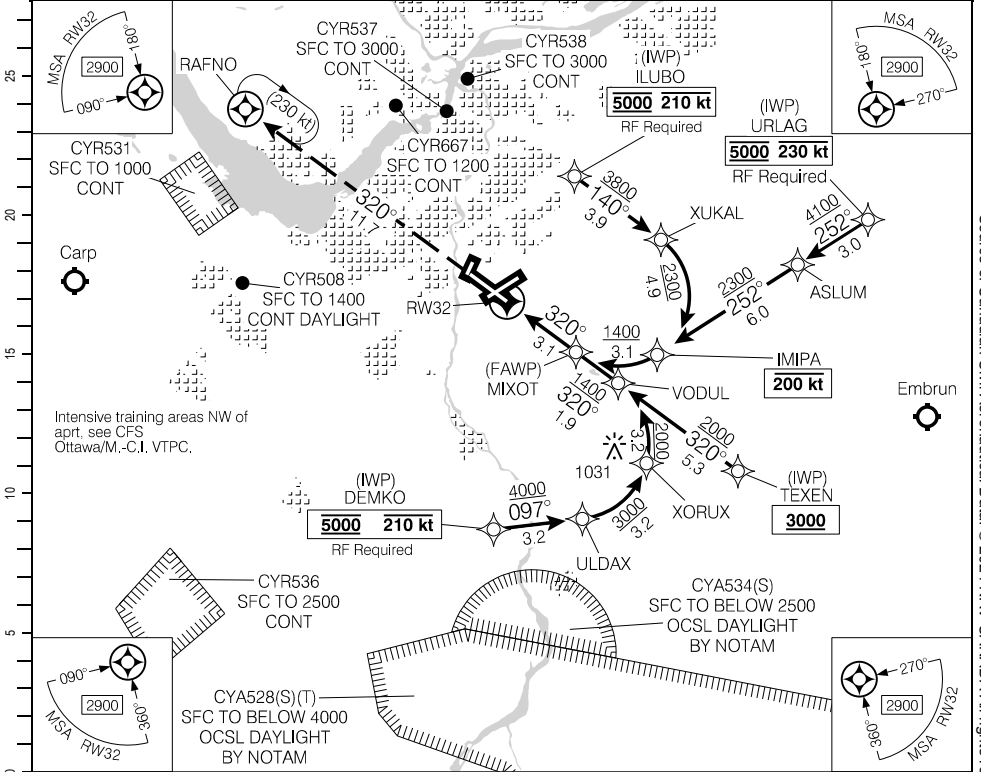
	CATEGORY	A	B	C	D
	RNP 0.15		684	(323)		1
RNP 0.30		737	(376)		1
AUTHORIZATION REQUIRED (min. -19° C) (max. 54° C)					

RNAV (RNP) Y RWY 25
EFF 25 JAN 24

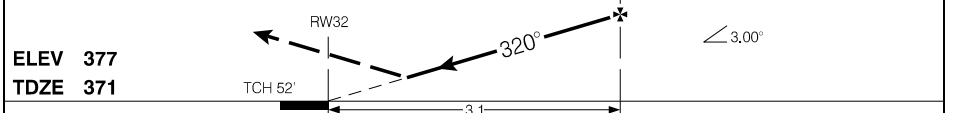
CYOW

RNAV (RNP) Y RWY 32

ATIS - 121.15 (En) 132.95 (Fr)	ARR - 135.15	TWR - 118.8	GND - 121.9	
SAFE ALT 100 NM 7100	RNAV	APCH CRS 320°	MIN ALT MIXOT 1400		LDA 10005



MISSED APPROACH
Climb to **3000** track **320°**
to RAFNO. As required shuttle climb.



ELEV 377 TDZE 371	CATEGORY RNP 0.10	A	B	C	D
	RNP 0.30	617	(250)	1 RVR 50	
	AUTHORIZATION REQUIRED (min. -19° C) (max. 54° C)	713	(346)	1 RVR 50	

RNAV (RNP) Y RWY 32

CYOW

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

All rwys: Jet Acft – All rwys (except rwys 04 and 22): Maintain **5000** unless otherwise assigned by ATC.

Non-jet acft – All rwys: Maintain **3000** unless otherwise assigned by ATC.

Rwy 04: Requires a minimum climb gradient of **270 ft/NM** to **600**.
Climb hdg **039°** or as assigned for vectors to assigned route.

Rwy 07: Climb hdg **071°** or as assigned for vectors to assigned route.

Rwy 14: No LEFT turn below **1000**.
Climb hdg **140°** or as assigned for vectors to assigned route.

Rwy 22: Climb hdg **219°** or as assigned for vectors to assigned route.

Rwy 25: Climb hdg **251°** or as assigned for vectors to assigned route.

Rwy 32: Climb hdg **320°** or as assigned for vectors to assigned route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
270 FT/NM	410	540	630	720	810	900	1130	1350

NOTE: Refer to Noise Abatement Procedures for additional requirements.

Communications Failure

On recognition of failure 10 minutes or less after take-off and in IFR weather conditions, proceed as follows:

Rwys 04, 07, 14, 22 and 25:

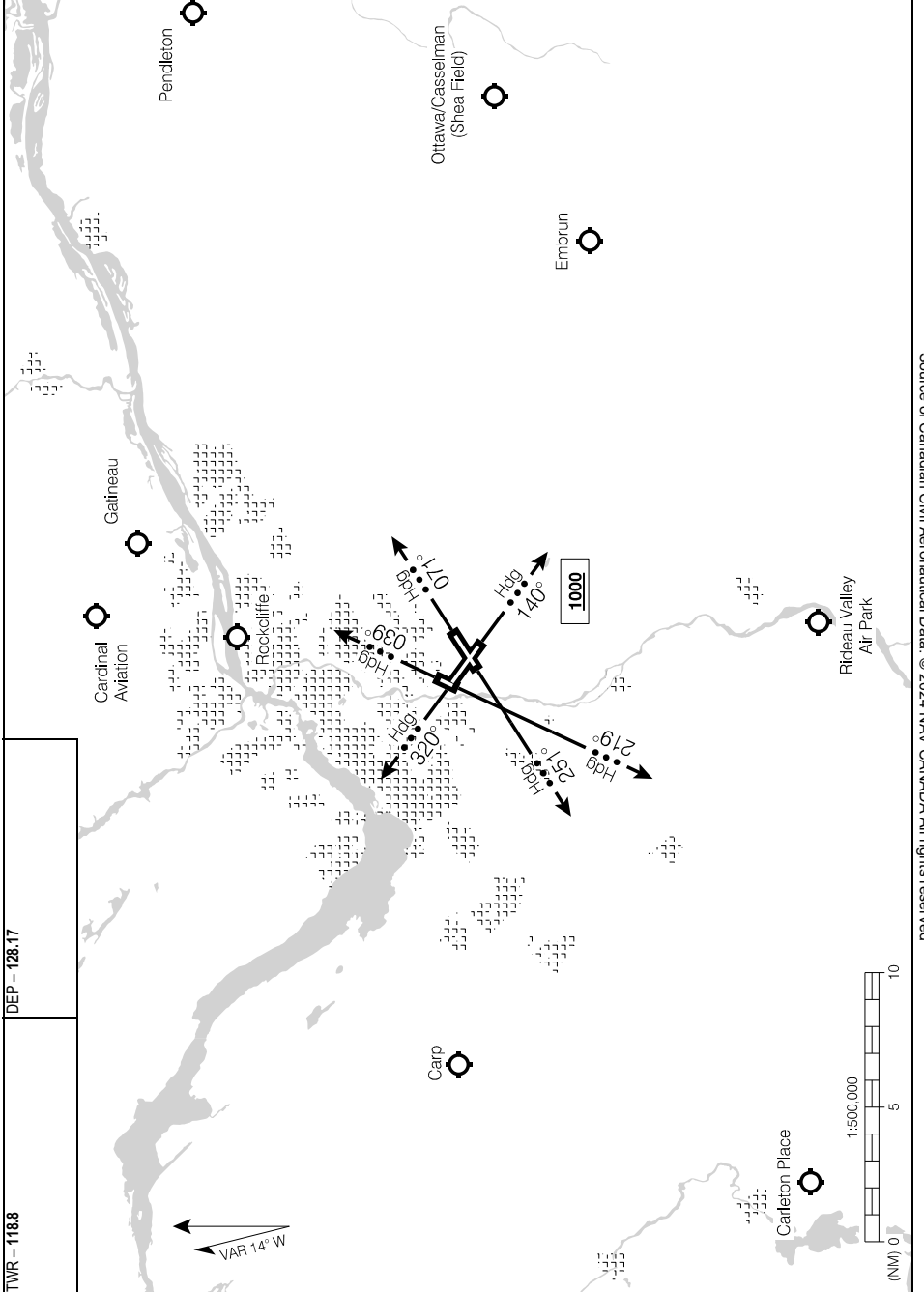
1. Select transponder code 7600;
2. 5 minutes after selecting 7600, proceed directly on course and climb to flight planned altitude.

Rwy 32:

1. Select transponder code 7600;
2. Non-jet acft, climb and maintain **4000**;
3. 5 minutes after selecting 7600, proceed directly on course and climb to flight planned altitude.

NOTE: If communication failure occurs more than 10 minutes after take-off, comply with appropriate procedures for Communication Failure en-route.

SID (VECTOR)
OTTAWA FOUR DEP (CYOW4.)



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

OTTAWA FOUR DEP (CYOW4.)
EFF 24 MAR 22

CYOW

DEPARTURE PROCEDURE

Departure Procedure

- Rwy 04 – ½:** Requires a minimum climb gradient of **270** ft/NM to **600**. Climb between hdg **131°** CCW to **228°** to remain clear of CYA528 or CYA534 when active.
Note: Building to 359 ASL aprx 160' past departure end of rwy, 500' LEFT of rwy centreline. Trees to 410 ASL aprx 0.2 NM past departure end rwy.
- Rwy 07 – ½:** Climb between hdg **131°** CCW to **228°** to remain clear of CYA528 or CYA534 when active.
Note: Road to 377 ASL abeam departure end of rwy, 300' LEFT and RIGHT of rwy centreline. Trees to 433 ASL aprx 400' past departure end rwy, 400' LEFT and RIGHT or rwy centreline.
- Rwy 14 – ½:** No LEFT turn below **1000**. Requires a minimum climb gradient of **430** ft/NM to **5100** when CYA528 or CYA534 active.
Note: Trees to 443 ASL aprx 0.3 NM past departure end of rwy, 400' LEFT and RIGHT of rwy centreline.
- Rwy 22 – ½:** Requires a minimum climb gradient of **420** ft/NM to **5200** when CYA528 or CYA534 active.
Note: Trees to 410 ASL within 0.2 NM of departure end of rwy.
- Rwy 25 – ½:** Climb between hdg **228°** CW to **131°** to remain clear of CYA528 or CYA534 when active.
Note: Trees to 423 ASL aprx 0.1 NM past departure end of rwy, 300' LEFT of rwy centreline.
- Rwy 32 – ½:** Climb between hdg **228°** CW to **131°** to remain clear of CYA528 or CYA534 when active.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
270 FT/NM	410	540	630	720	810	900	1130	1350
420 FT/NM	630	840	980	1120	1260	1400	1750	2100
430 FT/NM	650	860	1010	1150	1290	1440	1800	2150

NOISE ABATEMENT PROCEDURES

Jet Aircraft**Restrictions**

Summer – May 1 thru September 30

The use of rwy 32 for departure by turbojet and turbofan aircraft on technical stops or charter operations is not permitted between the hours of 2300 and 0700 local time daily. Under extenuating circumstances, permission to operate during restricted hours may be granted (passenger flights only) through prior authorization by the Airport Operations Manager or his designated official.

Preferential Runway Determination

Controllers will designate runways to divert as many take-offs and landings as possible, consistent with safety of operations, from flight over residential areas adjacent to the airport. Pilots should be prepared to use runways other than 32 for take-offs and pilots of non-chapter 3 aircraft should be prepared to use runways other than 14 for landings when conditions permit the use of such other runways.

Departure Procedures

Rwy	NADP
All rwys	1 or 2

Rwys 07, 14, 32 – Climb on rwy hdg to **3000'** before proceeding on course.

Arrival Procedures – VFR and Visual Approach**VFR**

1. Circuit height **2500'** (weather permitting);
2. Right hand circuits on rwys 07 and 14;
3. Maintain **2500'** as long as practicable before commencing descent;
4. Remain on or above glide slope or assumed 3° glide path.

Visual Approaches

ATS may provide vectors direct to the final approach fix. Aircraft **MUST**:

1. Intercept final at or outside the final approach fix;
2. Remain on or above ILS glide slope or assumed 3° glide path;
3. Maintain the last assigned altitude until established on final.

Training Flights

1. Permitted from 0800 – 2200 hours local time. No training on Sunday.
2. No VFR training circuits on rwys 14 and 32 below **2500'**.
3. Climb on runway heading to **2500'**.
4. No practice circling procedures to rwy 14.

NOISE ABATEMENT PROCEDURES

Propeller Driven Aircraft**Departure Procedures**

Rwy 32 – Climb on runway heading to **1500'** before proceeding on course.

Arrival Procedures – VFR

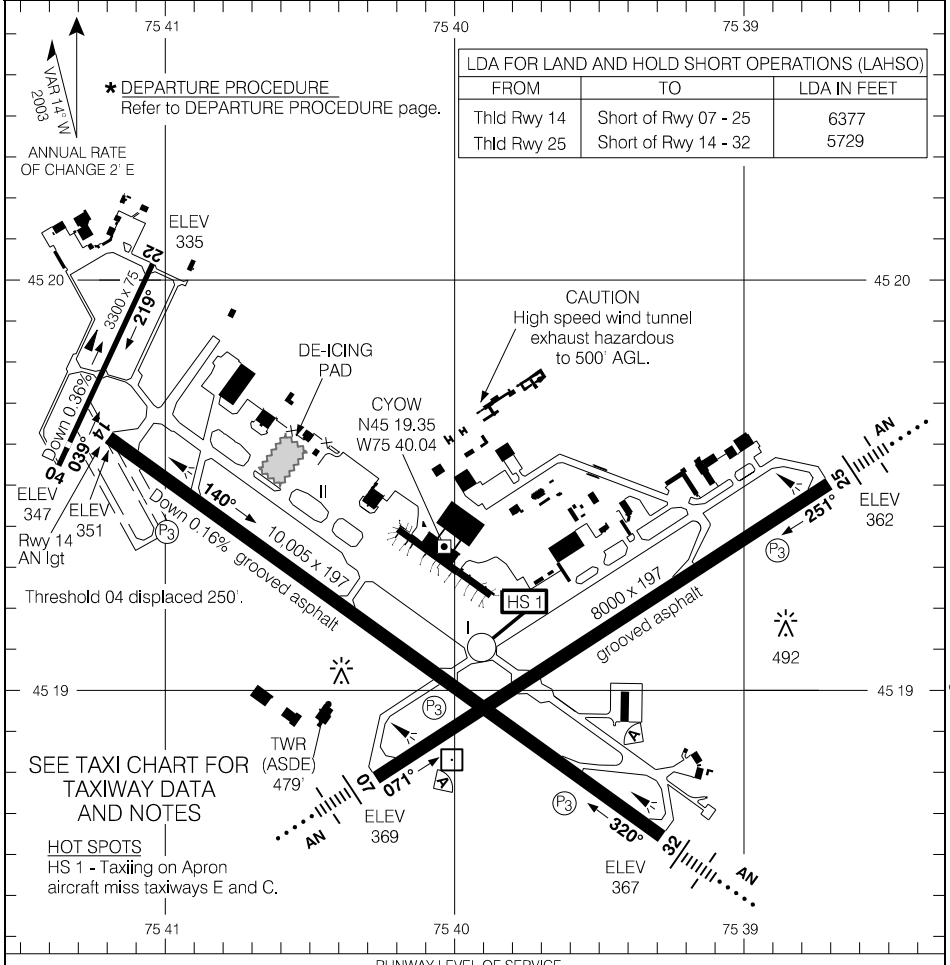
Circuit height **1500'**. Right hand circuits for rwys 07, 14 and 22 (weather permitting).
Rwys 04, 14 – Maintain **1500'** until established on final approach (weather permitting).

Training Flights

1. Permitted from 0815 – 2359 hours local time.
2. No VFR training circuits on rwys 14 or 32 below **1500'**.
3. No practice circling procedures to rwy 14.

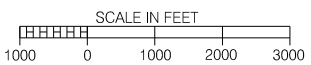
AERODROME CHART

ATIS - 121.15 (En) 132.95 (Fr)	CLNC DEL - 119.4 GND - 121.9	TWR - 118.8	DEP - 128.17 RADIO Quebec - 123.15					
DECL DIST	04	22	07	25	14	32		
TORA	3300	3300	8000	8000	10005	10005		
TODA	3300	3300	8984	8984	10989	10989		
ASDA	3300	3300	8000	8000	10005	10005		
LDA	3050	3300	8000	8000	10005	10005		



LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO)		
FROM	TO	LDA IN FEET
Thld Rwy 14	Short of Rwy 07 - 25	6377
Thld Rwy 25	Short of Rwy 14 - 32	5729

RVO		LVO	
RWY 07, 32: RVR 1200 RWY 14, 25: (1/4 sm)		NOT AUTHORIZED	
TAKE-OFF MINIMA			
All Rwys: *			

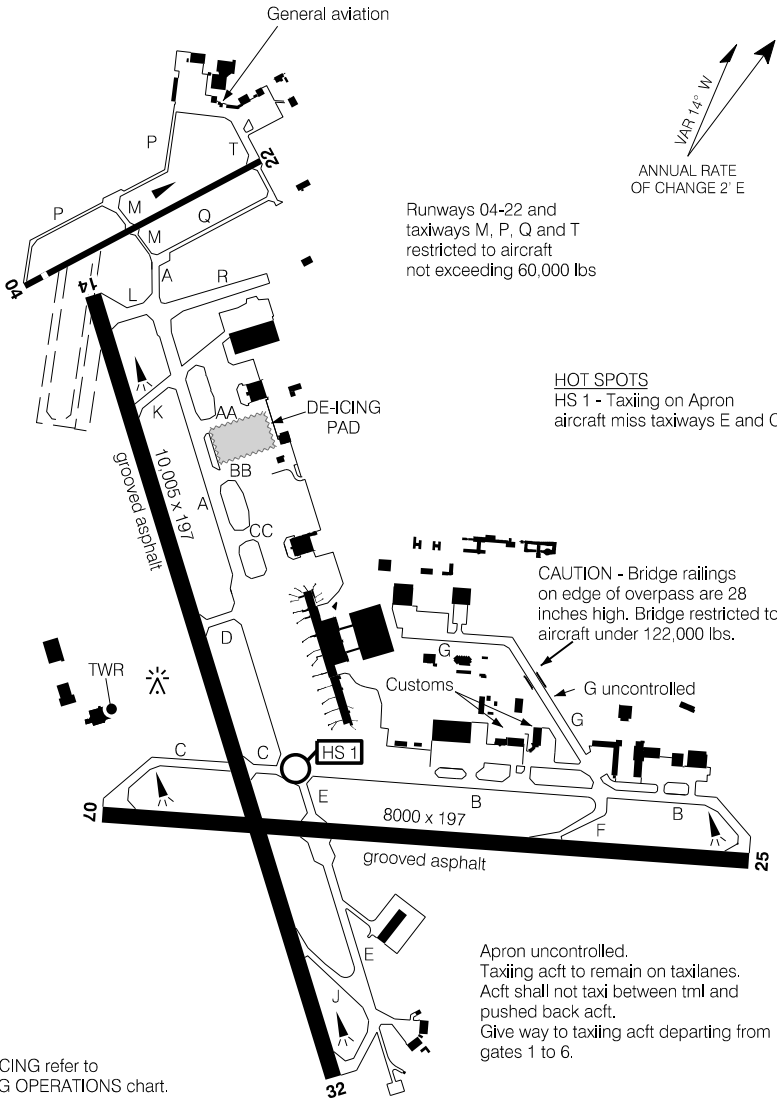


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAXI CHART

ATIS - 121.15 (En) 132.95 (Fr)	CLNC DEL - 119.4 GND - 121.9	TWR - 118.8
-----------------------------------	---------------------------------	-------------

Rwy 04-22: 3300 x 75



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAXI CHART

EFF 5 OCT 23

CYOW

DE-ICING OPERATIONS

Gate De-icing – Originating Flights

- Gate de-icing is approved for environmental frost under the following conditions:
 - Active precipitation is not forecasted for the operational period.
 - Apron conditions are such as to allow the recovery of spent fluid (no snow, ice, sand, gravel, etc.).
 - The required fluid to de-ice is optimal for the presenting frost and up to the minimum 1 litre/square metre.
 - Winds are light to variable (8 knots).
- De-icing for originating flights will take place 60-90 minutes before scheduled departure time.
- Staff will conduct initial inspection of acft to determine the requirement for de-icing and will proceed with spray if reqd.
- Airlines must ensure acft are configured and ready for de-icing prior to the above time. De-icing will take place under the assumption that originating flights are configured.
- De-icing confirmation will be sent electronically or via fax to airline operations following de-icing. Flight crews requiring additional information may contact PAD CONTROL on 122.92.
- No holdover time is provided for on gate de-icing.
- The process of “**Pre-Spray**” (Lines 2-3) 60-90 mins before push is being reviewed due to frost regeneration (fall weather patterns with high humidity and close OAT/DP spread).
- Unless requested of de-ice crews, the PIC is responsible for “**Pre-flight take off inspections.**” Any treatments by de-ice crews for Pre-Sprays will be followed by an “**appropriate post de-ice inspection.**” The “**Pre-Spray**” treatments 60-90 mins before push do not include a “**pre-take off**” inspection.

Gate De-icing – Turn Flights

- All conditions of gate de-icing exist from above list.
- De-ice crews will not interact with turn aircraft unless requested – Contact PAD CONTROL on 122.92 to arrange. There will be no pre-emptive contact with the aircraft without request for service. Pre-take off De-ice check remains with the flight crew unless a live spray is completed at pushback.

Centralized De-icing Facility Operations

- Flow – North to South
 - Entry point is K or AA via Alpha. Acft must hold short of the CDF on the entry point and establish radio contact with PAD CONTROL on 122.92.
 Flow – South to North
 - Entry point is CC or BB via Alpha. Acft must hold short of the CDF on the entry point and establish radio contact with PAD CONTROL on 122.92.
- Follow taxi instructions via East Line to Bays 1, 2, 3 via West Line Bays 4, 5, 6.
- Aircraft will be staged on the East/West Line short of AA/BB when necessary.
- When exiting CC/K – Acft must maintain listening watch on the E/W staging lines on 122.92 until reaching Twy A.

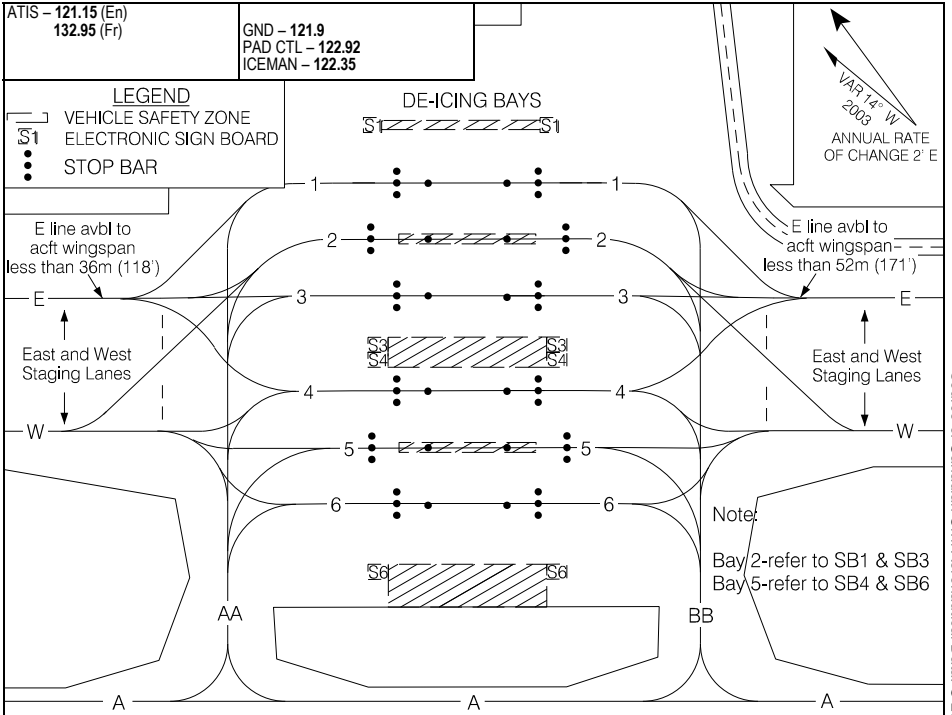
NOTE: Aircraft intended on returning to terminal gates after de-icing must drip dry for 25 minutes on CDF.

DE-ICING OPERATIONS

De-icing Requirements

1. Wings and Stabs refers to the upper surfaces of the wings, upper/lower surface of the Horizontal Stabilizers and both sides (including rudder) of the Vertical Stabilizer.
2. Fuselage includes all components from the front cabin doors aft and Wings and Stabs.
3. Full Body includes the cockpit/radome plus Fuselage, Wings and Stabilizers.
4. Individual treatments like “inspections only”, “radome”, “winglets” can be done upon request.
5. Hard leading edges tactiles/underwing inspections and treatments may require engine shut down if inlet is in close proximity to surface requiring attention.

DE-ICING OPERATIONS



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DE-ICING OPERATIONS

- Ctc PAD CONTROL on 122.925 30 min prior to dep if de-icing is rqrd. Notify of any special treatments prior to taxi to CDF.
- Ctc Ottawa GND after pushback for taxi to CDF.
- Hold short of the CDF on K, AA, BB or CC and ctc PAD CONTROL for further taxi.
- Follow instructions and electronic sign boards to de-icing bays.
- Stop on the 2nd (illuminated) yellow stop bar, immediately set brakes and advise PAD CONTROL. DO NOT MOVE ACFT. This will allow positioning of trucks while you configure your aircraft.
- Once instructed switch to ICEMAN on 122.350, confirm brakes are set, confirm treatment and that acft is configured for treatment (engines at idle/props feathered/pacs off). If you can't reduce engines to idle ICEMAN must know, de-icing may not be possible with running engines.
- After de-icing, configure acft for taxi, however, DO NOT MOVE ACFT.
- Once instructed, ctc PAD CONTROL for taxi.
- Follow instructions to designated exit point. Holding short of Twy A, ctc GND 121.9.

TYPE 1 - All Clear Lift-Off E188 TYPE IV - UCAR ADF ENDURANCE EG106 100%

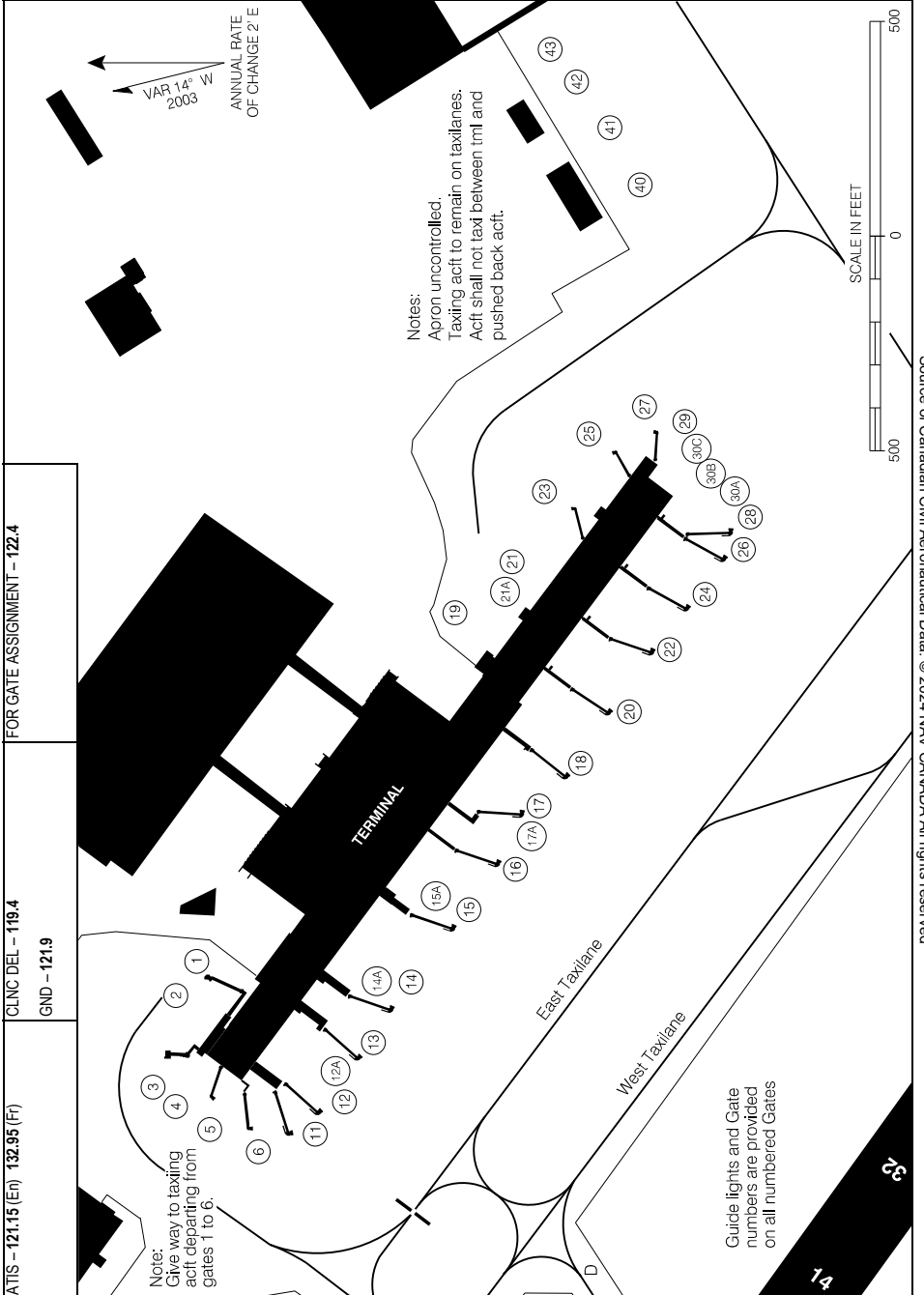
BAY RESTRICTIONS	AD HOC FLIGHTS
<p>Bay 1, 3, 4, 6 - May be used by acft with wingspans 36m (118') or less.</p> <p>Bay 2 - May be used by acft with the wingspans 65m (213') or less. If CC/K used, the Taxi must be on the West taxi line only with crossover to/from Bay 2.</p> <p>Bay 5 - May be used by acft with the wingspan 80m (262') or less. If CC/K used, taxi must be on the west taxi line only with crossover to/from Bay 5.</p>	<ol style="list-style-type: none"> Obtain a projected acceptance time for de-icing from PAD CONTROL on 122.925 or via phone 613-248-0228 . Submit Authorization form via fax 613-248-0860 or via e-mail YOW_InlandOps@Inlandgroup.ca. An estimate of litres required will be provided to flight crew. Ad hoc aircraft not abiding by the above may be denied service at the CDF.

DE-ICING OPERATIONS

CYOW

EFF 23 FEB 23

PARKING AREAS (APRON I)



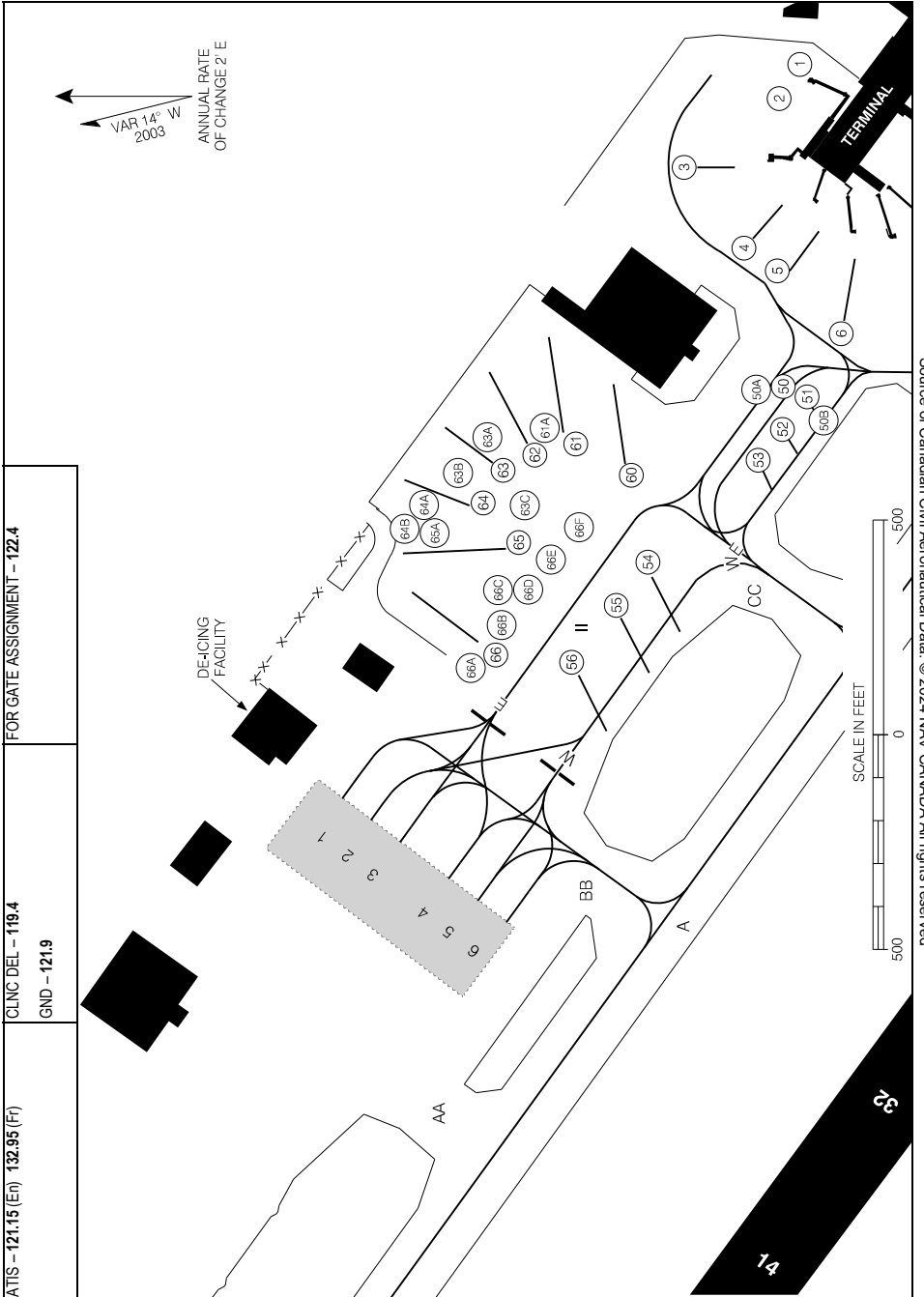
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PARKING AREAS (APRON I)

CYOW

EFF 21 MAR 24

PARKING AREAS (APRON II)



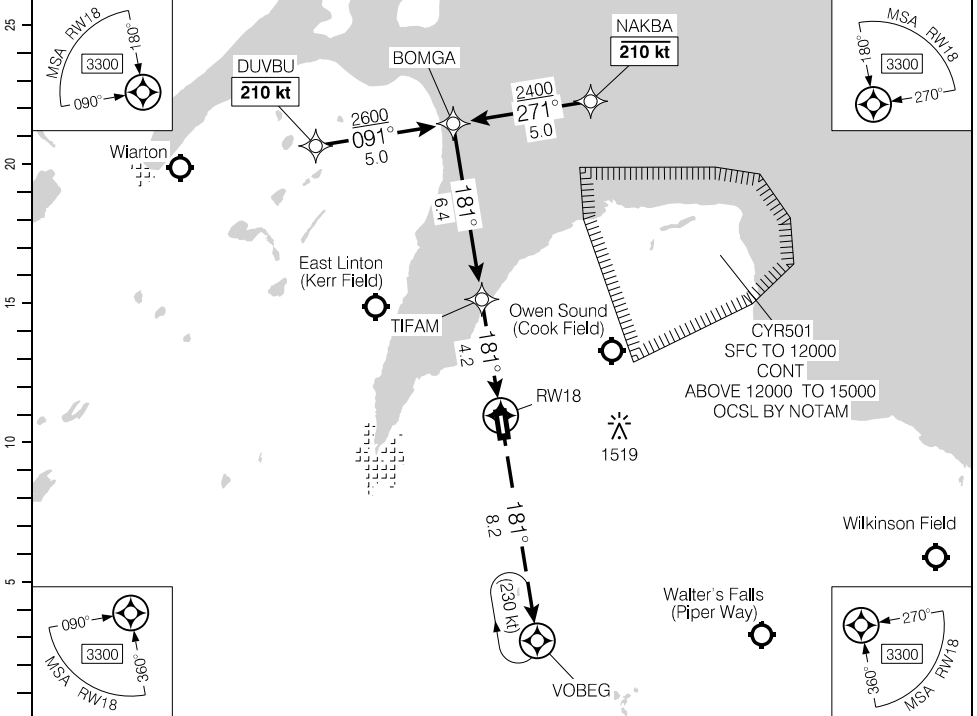
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PARKING AREAS (APRON II)

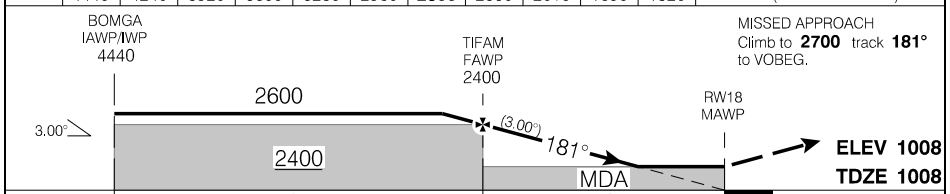
EFF 23 FEB 23

RNAV (GNSS) RWY 18

CTR Toronto – 132.57		UNICOM – 123.0 (AU)			ARCAL 123.0(J)
SAFE ALT 100 NM 3300	RNAV	APCH CRS 181°	MIN ALT TIFAM 2400	LDA 3933	ATF (AP)



(NM)	10.6	10	9	8	7	6	4.9	4	3	2	1.5	DIST FROM RW18
	4440	4240	3920	3600	3280	2960	2600	2330	2010	1690	1520	ALT (3.00° APCH PATH)



RASS: When using CYVV add 70'			CATEGORY	A	B	C	D
			LNAV	1520	(517)	1½	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 18

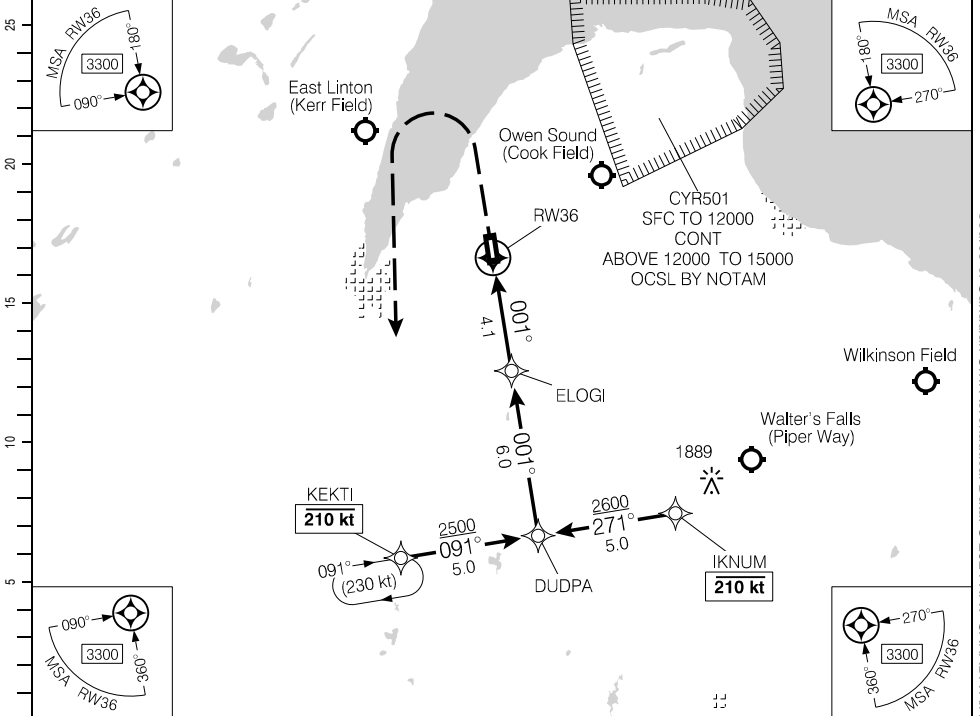
CYOS

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 36

CTR Toronto – 132.57		UNICOM – 123.0 (AU)			ARCAL 123.0(J)
SAFE ALT 100 NM 3300	RNAV	APCH CRS 001°	MIN ALT ELOGI 2500	LDA 3933	ATF AP



DIST FROM RW36	1.3	2	3	4.4	5	6	7	8	9	10.1		
ALT (3.30° APCH PATH)	1520	1760	2110	2600	2810	3160	3510	3860	4210	4600		

MISSED APPROACH
Climb to **1800** hdg **001°**.
Then climbing LEFT turn to **2900** direct to KEKTI.

ELOGI FAWP 2500
DUDPA IAWP/IWP 4600

ELEV 1008
TDZE 1008

RW36 MAWP

MDA 2500

2600

4.1 (3.30°)

6.0

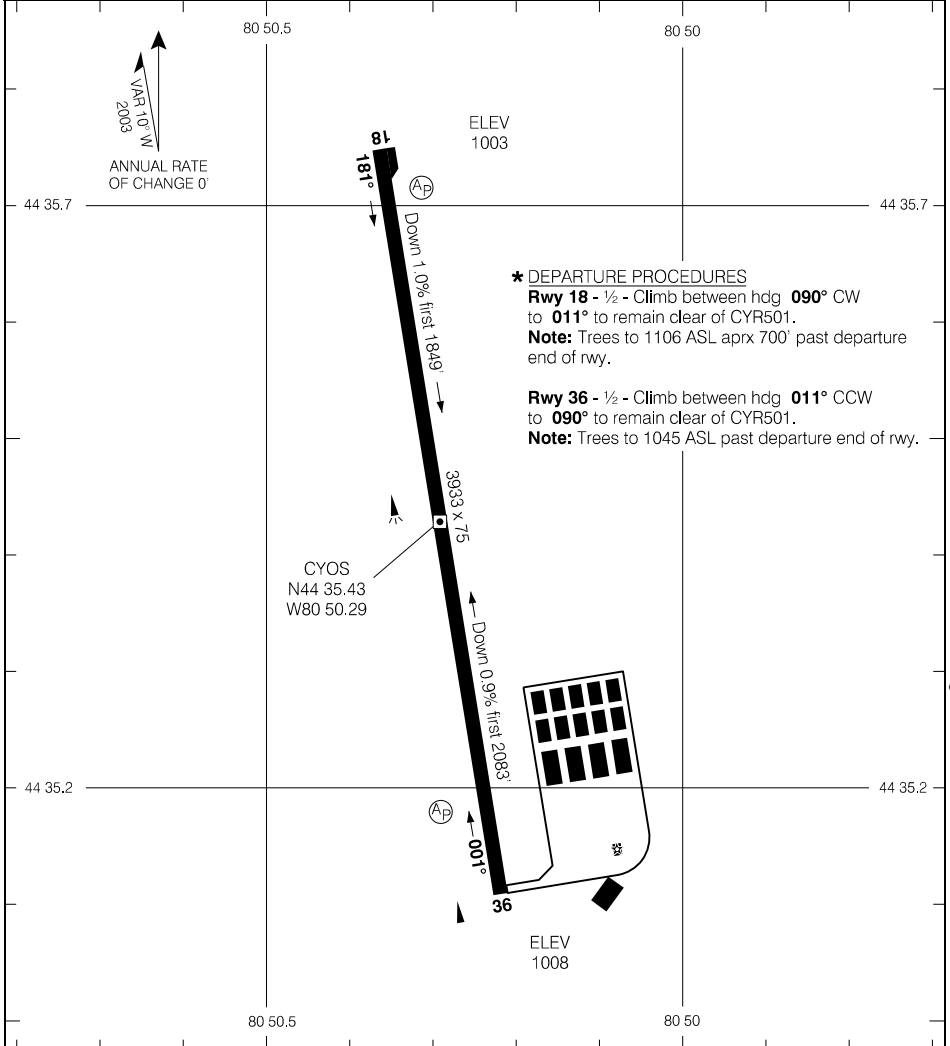
RASS: When using CVYW add 70'.	CATEGORY	A	B	C	D
	LNAV	1520	(512)	1½	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	410	
90	530	
110	640	
130	760	
150	880	

RNAV (GNSS) RWY 36

AERODROME CHART

				UNICOM - 123.0 (AU)		CTR Toronto - 132.57	
						ATF	
DECL	DISTS	18	36				
TORA		3933	3933				
TODA		3933	4917				
ASDA		3933	3933				
LDA		3933	3933				



*** DEPARTURE PROCEDURES**
Rwy 18 - 1/2 - Climb between hdg **090°** CW to **011°** to remain clear of CYR501.
Note: Trees to 1106 ASL aprx 700' past departure end of rwy.
Rwy 36 - 1/2 - Climb between hdg **011°** CCW to **090°** to remain clear of CYR501.
Note: Trees to 1045 ASL past departure end of rwy.

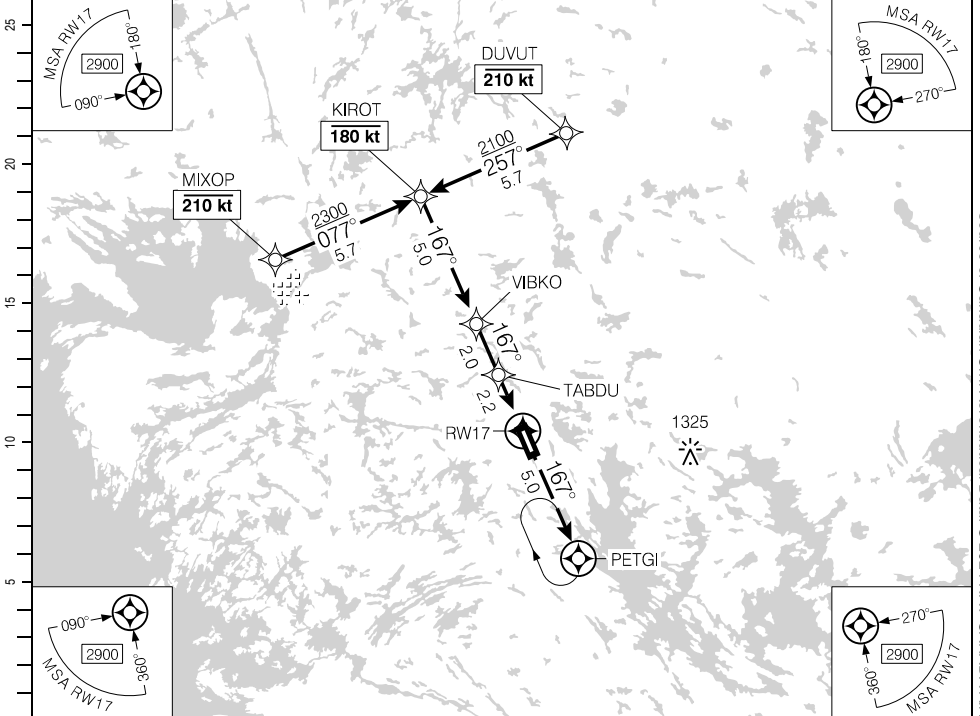
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 17

451531N 0794951W VAR 11°W

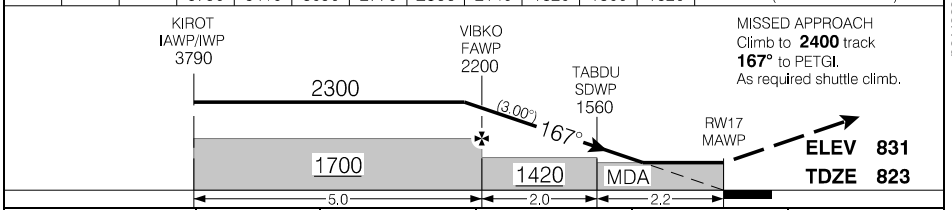
CNK4

RADIO London – 123.47		UNICOM – 122.8			ARCAL 122.8(K)
SAFE ALT 100 NM 3300	RNAV	APCH CRS 167°	MIN ALT VIBKO 1700	LDA 4901	ATF



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9.2	8	7	6	4.5	4	3	2	1.4	DIST FROM RWY17
	3790	3410	3090	2770	2300	2140	1820	1500	1320	ALT (3.00° APCH PATH)



RASS: Use CYQA. When using CNY3 add 50'.	CATEGORY	A	B	C	D
	LNNAV	1320		(506)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 17

CNK4

EFF 25 JAN 24

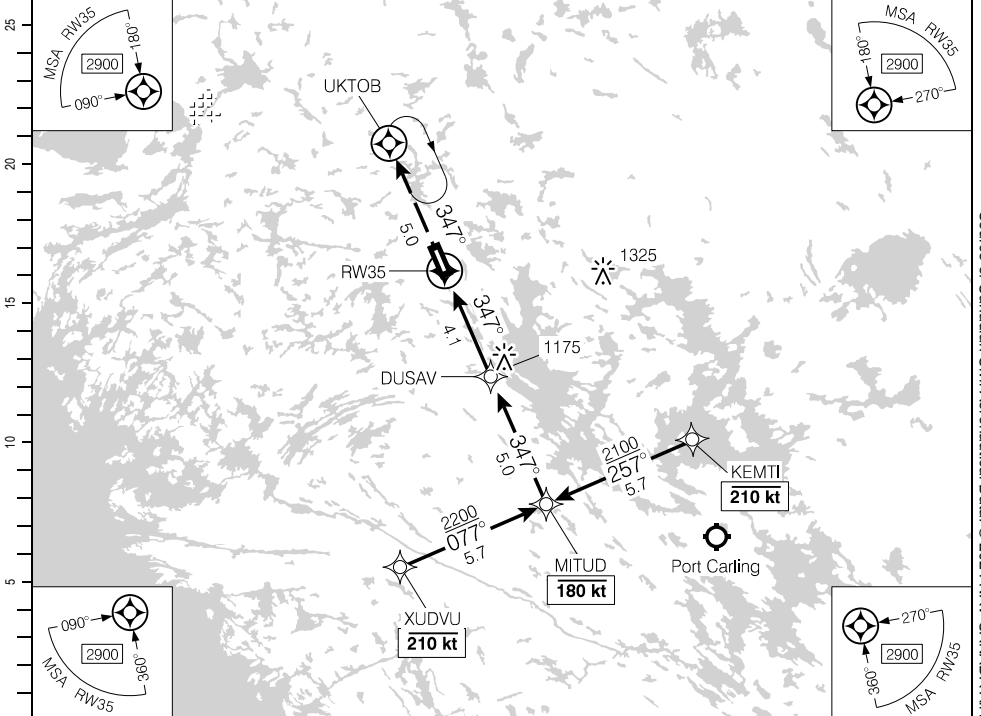
RNAV (GNSS) RWY 35

451531N 0794951W VAR 11°W

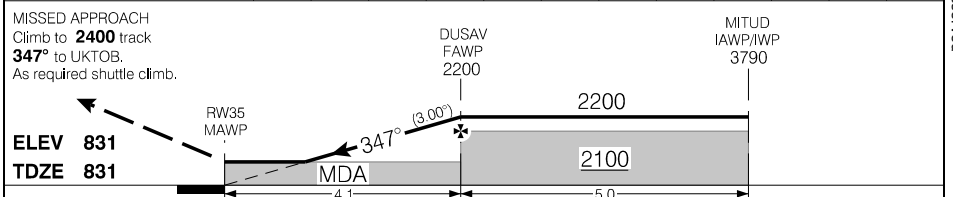
CNK4

RADIO London – 123.47		UNICOM – 122.8		ATF		ARCAL 122.8(K)
-----------------------	--	----------------	--	-----	--	----------------

SAFE ALT 100 NM 3300	RNAV	APCH CRS 347°	MIN ALT DUSAV 2100	LDA 4901	P_1 3.5°
--------------------------------	------	-------------------------	------------------------------	--------------------	----------------------



DIST FROM RW35	1.4	2	3	4.1	5	6	7	8	9.1			
ALT (3.00° APCH PATH)	1340	1520	1840	2200	2470	2790	3110	3430	3790			



RASS: Use CYQA. When using CNY3 add 50°.	CATEGORY	A	B	C	D
	LNAV	1340		(509)	1½
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 35

CNK4

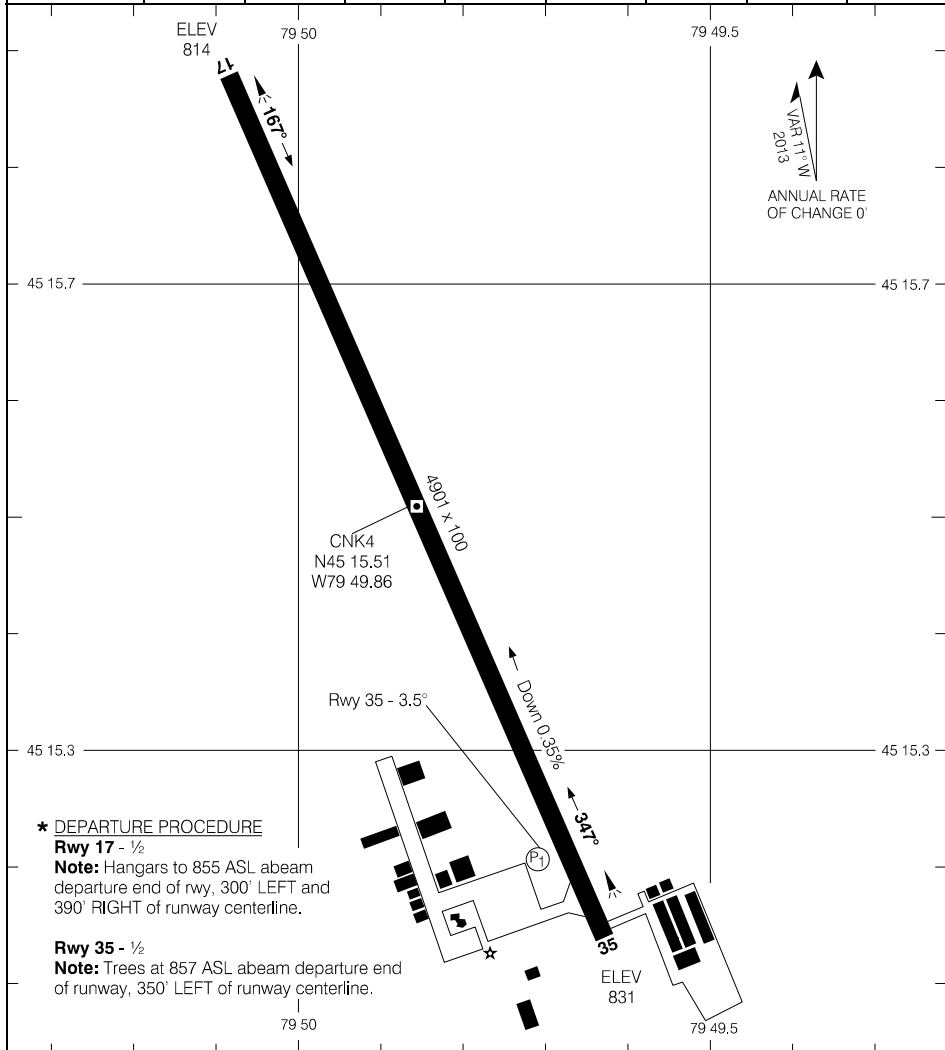
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				UNICOM - 122.8		RADIO London - 123.47	
						ATF	

DECL DIST	17	35					
TORA	4901	4901					
TODA	4901	4901					
ASDA	4901	4901					
LDA	4901	4901					



VAR 11°W
2013
ANNUAL RATE
OF CHANGE 0'

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

* DEPARTURE PROCEDURE

Rwy 17 - 1/2

Note: Hangars to 855 ASL abeam departure end of rwy, 300' LEFT and 390' RIGHT of runway centerline.

Rwy 35 - 1/2

Note: Trees at 857 ASL abeam departure end of runway, 350' LEFT of runway centerline.

TAKE-OFF MINIMA

Rwy 17; 35: *

SCALE IN FEET



AERODROME CHART

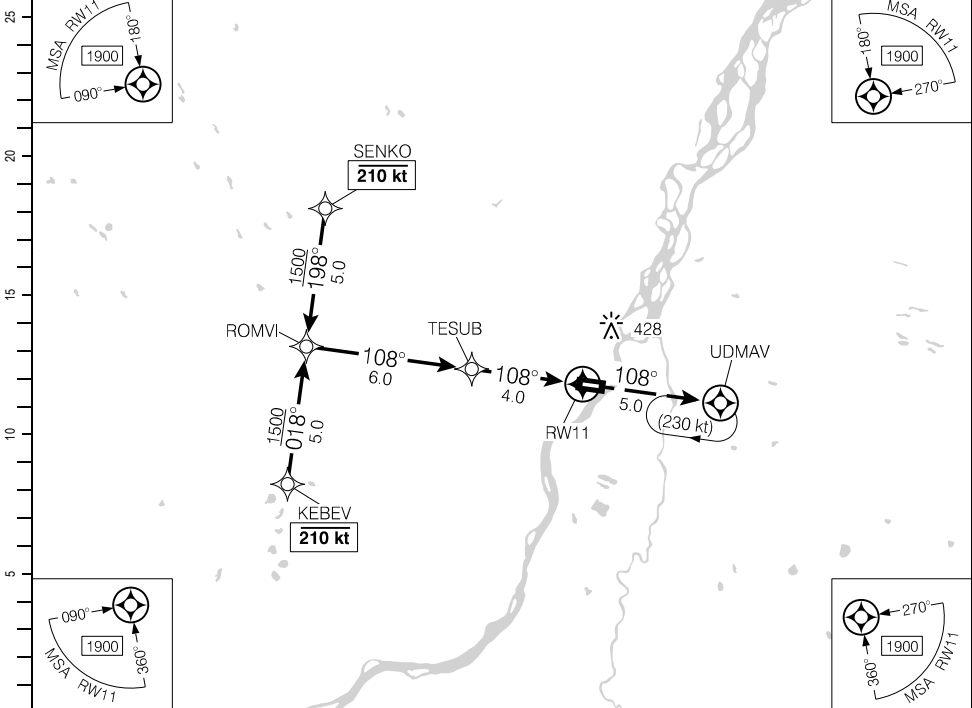
EFF 25 JAN 24

CNK4

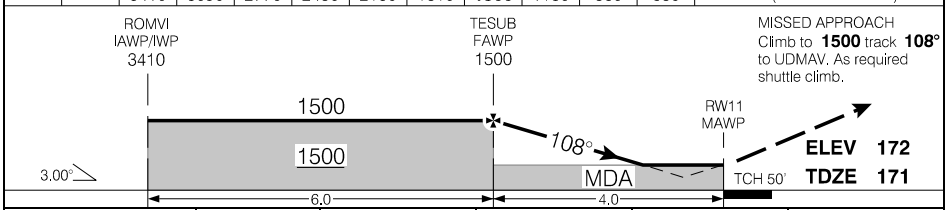
RNAV (GNSS) RWY 11

545917N 0852636W VAR 10°W

AWOS - 128.52		TFC - 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 2100		WAAS Ch 81065 W11A	APCH CRS 108°	MIN ALT TESUB 1500	LDA 3520



(NM)	10	9	8	7	6	5	4.0	3	2	1.4	DIST FROM RW11
	3410	3090	2770	2450	2130	1810	1500	1180	860	680	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	669	(500)		1¼
			LNAV	680	(511)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 11

CYPO

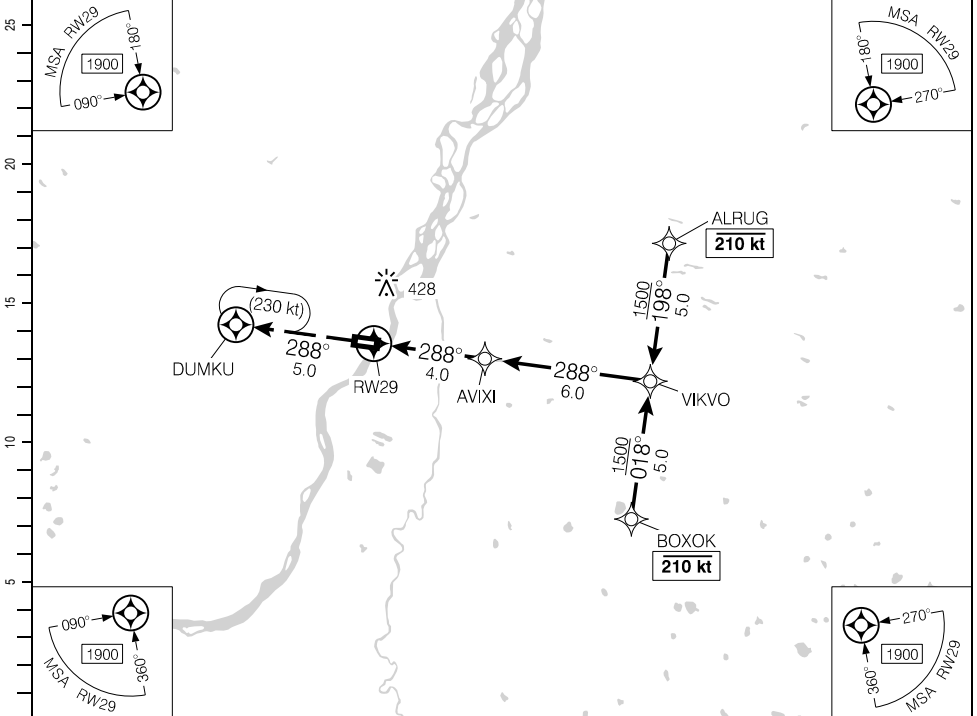
EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

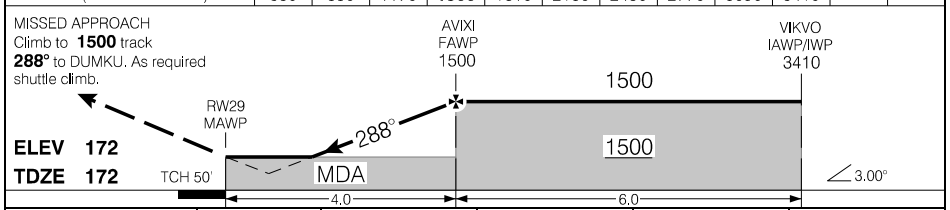
RNAV (GNSS) RWY 29

545917N 0852636W VAR 10°W

AWOS - 128.52		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 2100		WAAS Ch 81066 W29A		APCH CRS 288°		MIN ALT AVIXI 1500	
						LDA 3520	



(NM)	DIST FROM RW29	1.5	2	3	4.0	5	6	7	8	9	10	
	ALT (3.00° APCH PATH)	680	850	1170	1500	1810	2130	2450	2770	3090	3410	



			CATEGORY	A	B	C	D
			LPV	667	(500)		1¼
			LNAV	680	(513)		1½
Knots	ft/min	Min.Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 29

CYPO

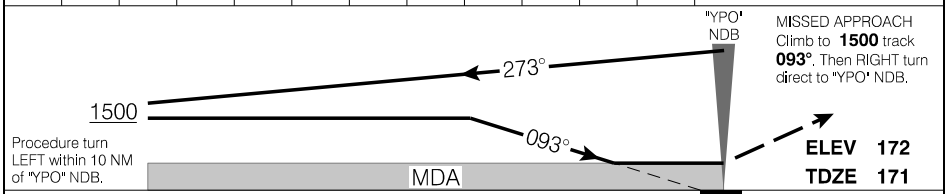
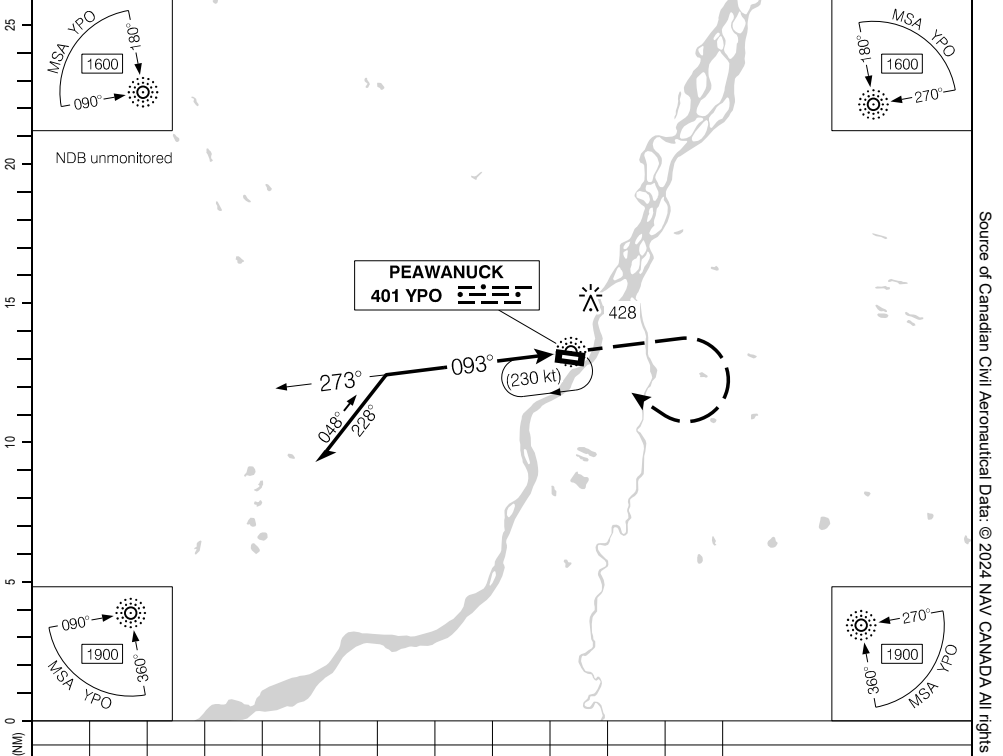
EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NDB RWY 11

545917N 0852636W VAR 10°W

AWOS - 128.52		TFC - 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 2100		NDB YPO 401	APCH CRS 093°	LDA 3520	



			CATEGORY	A	B	C	D
			NDB	700	(529)	1%	NOT AUTHORIZED
			CIRCLING	700	(528)	1%	780 (608) 2
Knots	ft/min	Min:Sec					
70							
90							
110							
130							
150							

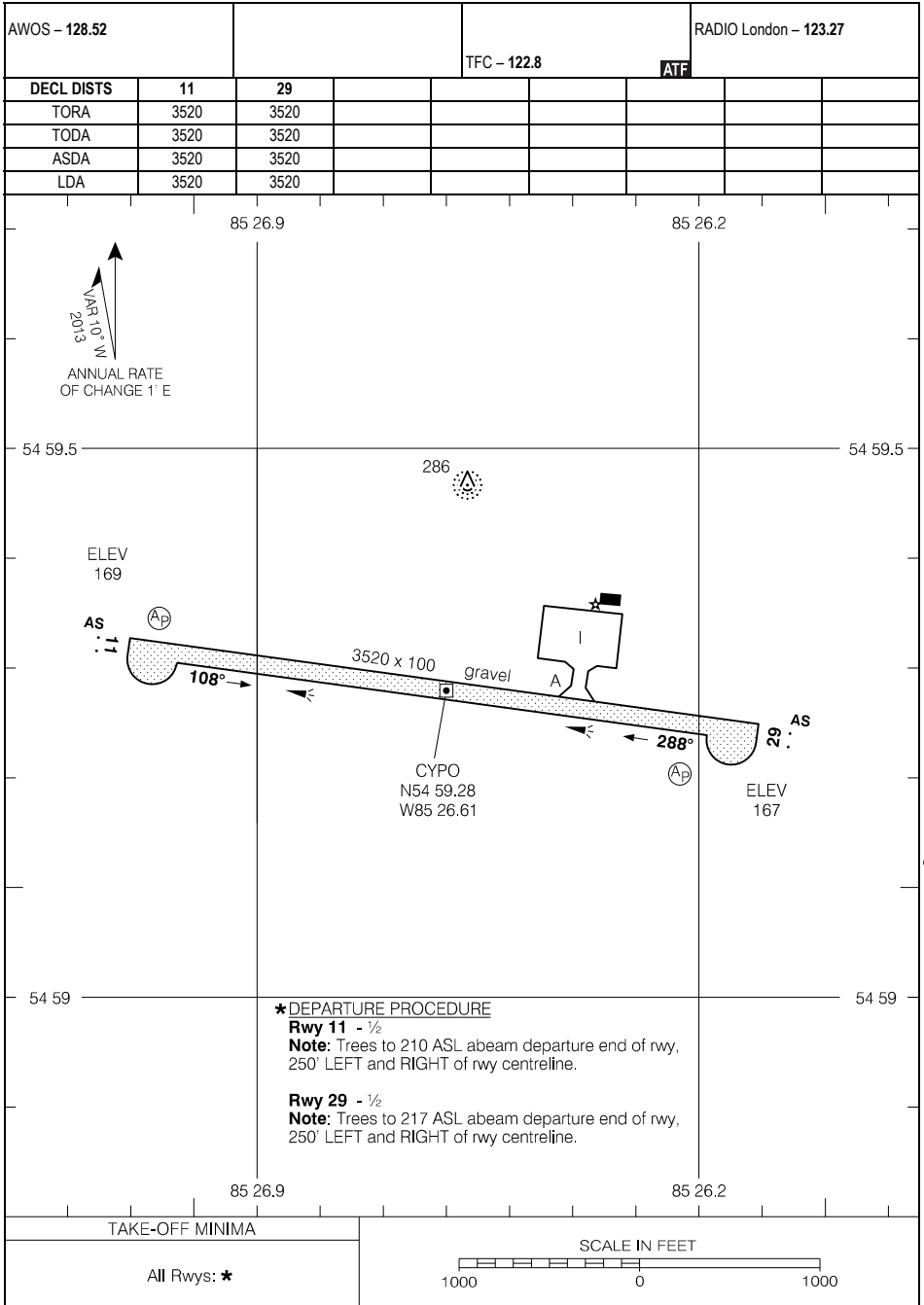
NDB RWY 11

CYPO

EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART



AERODROME CHART

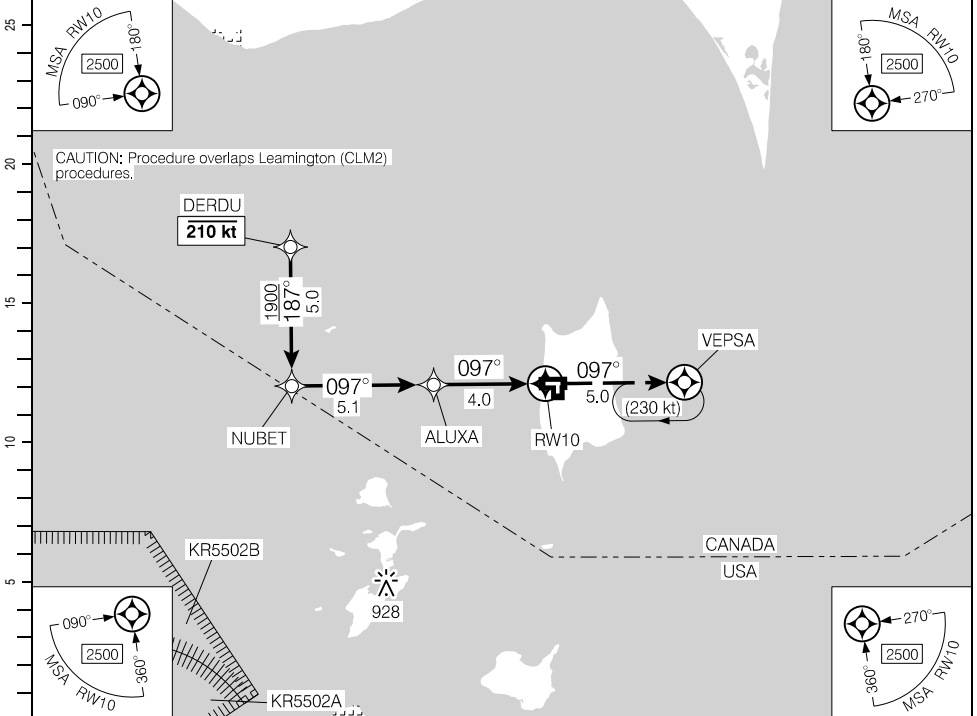
CYPO

EFF 5 OCT 23

RNAV (GNSS) RWY 10

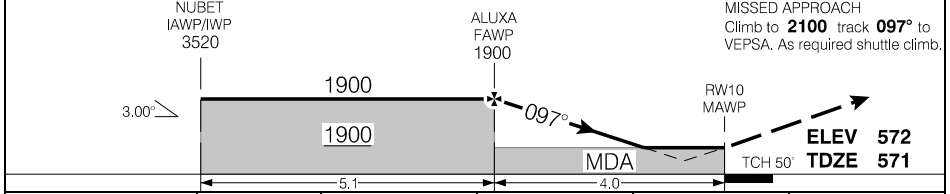
414639N 0824041W VAR 8°W

CTR Cleveland – 126.35 360.0		TFC – 123.2			ATF	ARCAL 123.2(K)*
SAFE ALT 100 NM 3100	WAAS Ch 80908 W10A	APCH CRS 097°	MIN ALT ALUXA 1900	LDA 3303		Ⓜ 2



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	9.1	8	7	6	5	4.0	3	2	1.4	DIST FROM RWY10
	3520	3170	2850	2530	2210	1900	1580	1260	1080	ALT (3.00° APCH PATH)



RASS: Use CYQG. When using CYCK add 20°.		CATEGORY	A	B	C	D
		LPV	1071	(500)	1%	NOT AUTHORIZED
		LNAV	1080	(509)	1½%	NOT AUTHORIZED
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 10

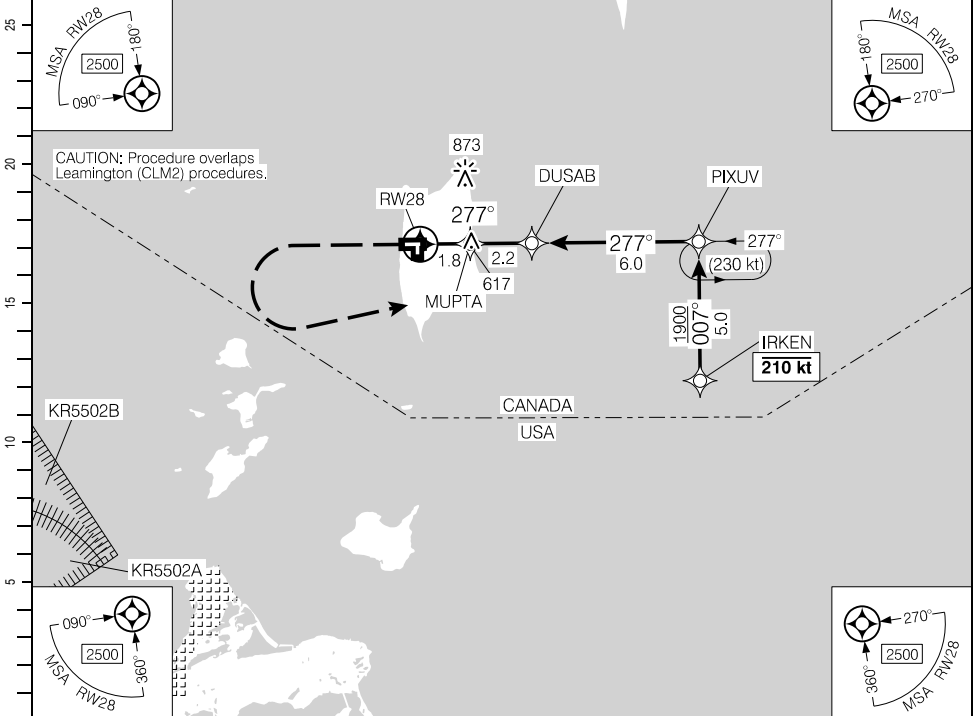
CYPT

EFF 21 MAR 24

RNAV (GNSS) RWY 28

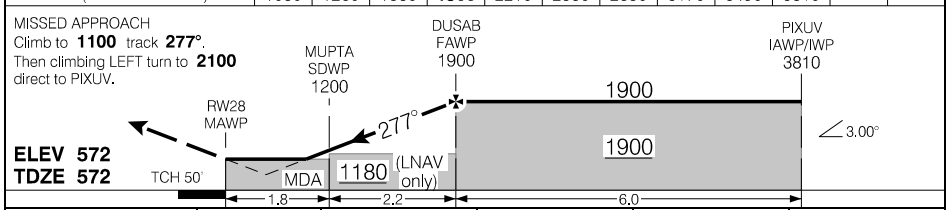
414639N 0824041W VAR 8°W

CTR Cleveland – 126.35 360.0		TFC – 123.2			ATF	ARCAL 123.2(K) ⁺
SAFE ALT 100 NM 3100	WAAS Ch 80909 W28A	APCH CRS 277°	MIN ALT DUSAB 1900	LDA 3303	AS (AP)	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DIST FROM RW28	1.4	2	3	4.0	5	6	7	8	9	10		
ALT (3.00° APCH PATH)	1080	1260	1580	1900	2210	2530	2850	3170	3490	3810		



RASS: Use CYQG. When using CYCK add 20°.			CATEGORY	A	B	C	D
			LPV	1072	(500)	1%	NOT AUTHORIZED
			LNAV	1080	(508)	1½	NOT AUTHORIZED
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 28

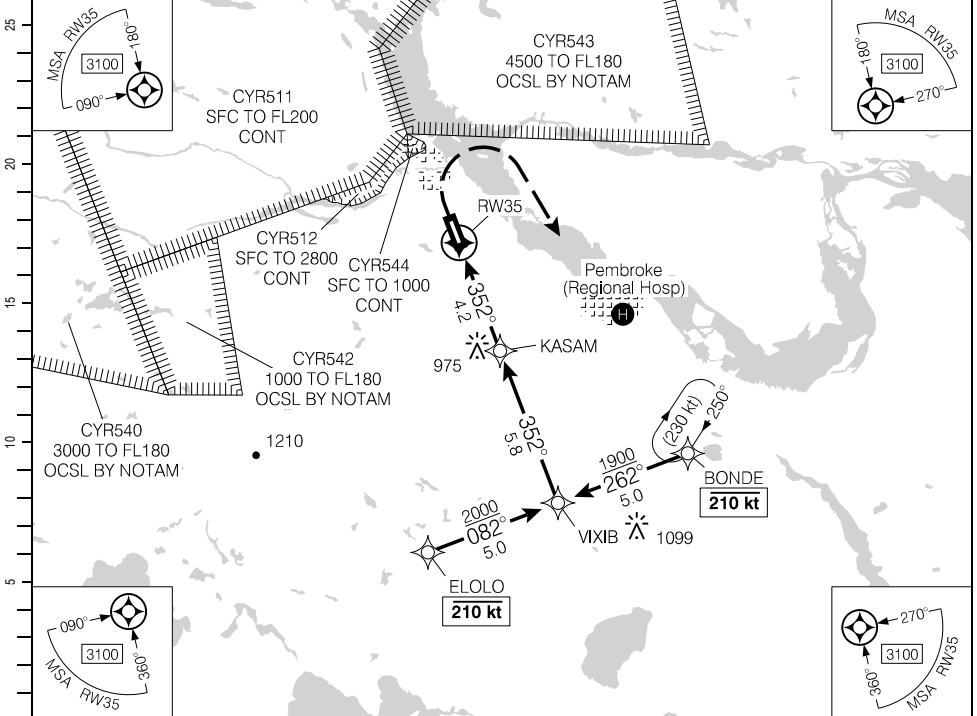
CYPT

EFF 30 NOV 23

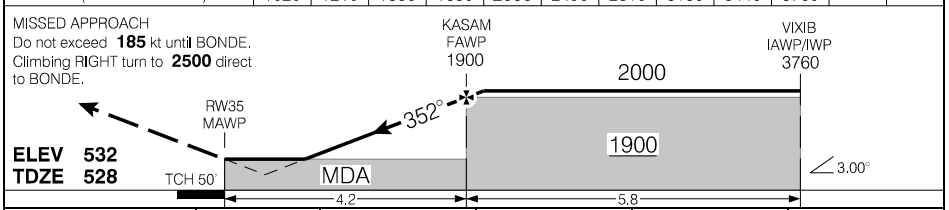
RNAV (GNSS) RWY 35

455152N 0771505W VAR 13°W

CTR Montreal – 135.2		ADVSY Petawawa – 126.4 250.1		ARCAL 122.8(K)*	
SAFE ALT 100 NM 4400		WAAS Ch 81084 W35A	APCH CRS 352°	MIN ALT KASAM 1900	LDA 5000
		UNICOM – 122.8 (AU) ATF		AD-AS	



(NM)	DIST FROM RW35	1.4	2	3	4	4.5	6	7	8	9	10		
	ALT (3.03° APCH PATH)	1020	1210	1530	1850	2000	2490	2810	3130	3440	3760		



RASS: When using CYWA add 30°. When using CYOW add 190°.			CATEGORY	A	B	C	D
LPV				776	(250)		1
LNAV				1020	(494)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 35

CYTA

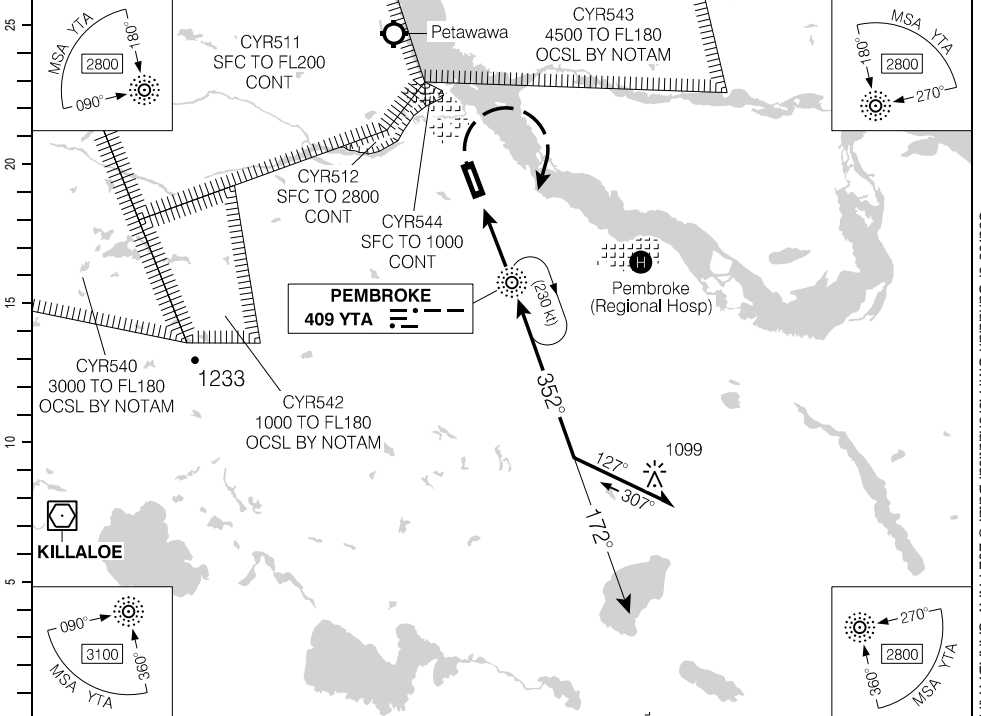
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NDB RWY 35

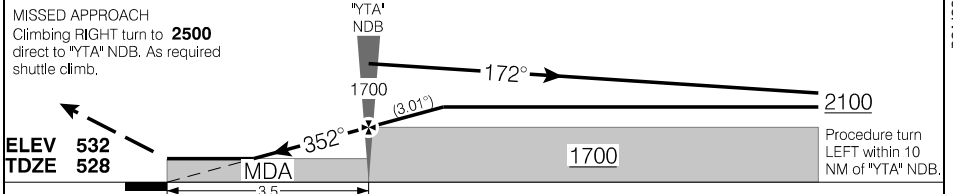
455152N 0771505W VAR 13°W

CTR Montreal – 135.2		ADVSY Petawawa – 126.4 250.1			ARCAL 122.8(K)	
SAFE ALT 100 NM 4400		NDB YTA 409	APCH CRS 352°	MIN ALT YTA 1700	LDA 5000	(V) AD-AS
UNICOM – 122.8 (AU) ATF						



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM MAP	1.5	2	3	4	4.8	6	7	8	9	10	11	12	13.5
	ALT (3.01° APCH PATH)	1060	1220	1530	1850	2100	2490	2810	3130	3450	3770	4090	4410	4900



RASS: When using CYWA add 30°. When using CYOW add 190°.	CATEGORY	A	B	C	D
	NDB	1060 (532)		1¼	
YTA NDB to MAP 3.5 NM	<input checked="" type="checkbox"/> CIRCLING	1080 (548) 1¼	1100 (568) 1¼	NOT AUTHORIZED	

NDB RWY 35
EFF 25 JAN 24

CYTA

Departure Route Description

- Rwy 17:**
1. Climb hdg **172°** to **1100**. Continue climbing direct to AGNEX.
 2. Maintain **3400** or as assigned.
 3. At AGNEX, hold NE on **290°** INBD track all turns RIGHT.
Do not exceed 230 kt.
 4. Expect further clearance 10 minutes after take off.

Note: Trees to 623 ASL aprx 850' past departure end of rwy, 300' LEFT and RIGHT of centreline.

- Rwy 35:**
1. Requires a minimum climb gradient of **280 ft/NM** to **1100**.
Do not exceed 210 kt until AGNEX. Climb hdg **352°** to **1100**.
Climbing RIGHT turn direct to AGNEX.
 2. Maintain **3400** or as assigned.
 3. At AGNEX, hold NE on **290°** INBD track all turns RIGHT.
Do not exceed 230 kt.
 4. Expect further clearance 10 minutes after take off.

Note: Trees to 623 ASL aprx 0.2 NM past departure end of rwy, 600' LEFT of centreline.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
280 FT/NM	420	560	660	750	840	940	1170	1400

Communication Failure

On recognition of failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder 7600;
2. Proceed directly on course 5 minutes after selecting 7600, then;
3. Climb to flight planned altitude.

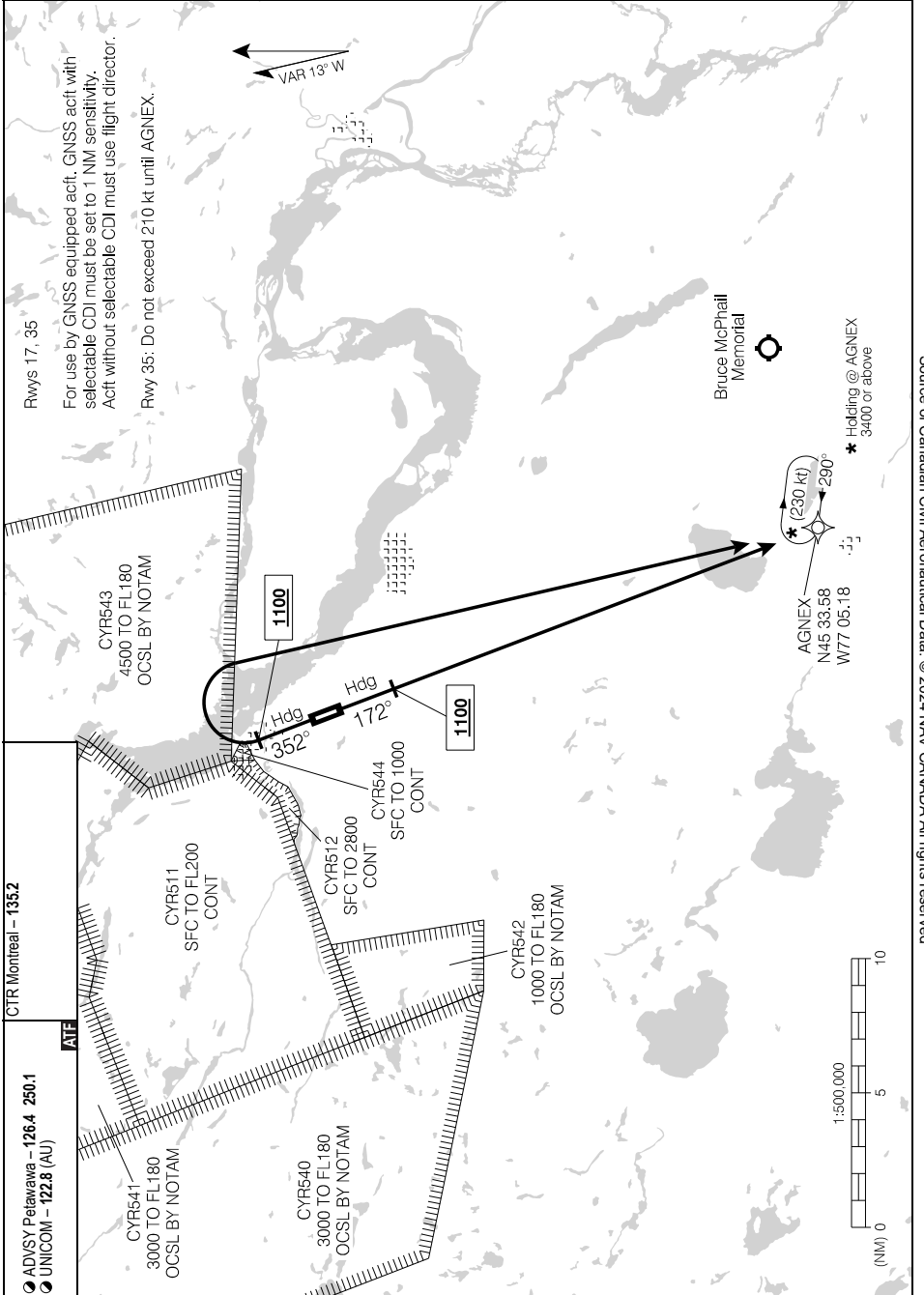
Note: If communication failure occurs more than 10 minutes after take-off, comply with appropriate procedures for enroute communications failure.

SID (RNAV)

PEMBROKE, ON

AGNEX THREE DEP (AGNEX3.)

CYTA



Rwys 17, 35

For use by GNSS equipped a/c. GNSS a/c with selectable CDI must be set to 1 NM sensitivity. A/c without selectable CDI must use flight director.

Rwy 35: Do not exceed 210 kt until AGNEX.

Bruce McPhail Memorial

AGNEX
 N45 33.58
 W77 05.18

(230 kt) 290°

* Holding @ AGNEX 3400 or above

CTR Montreal - 135.2

ADVSY Petawawa - 126.4 250.1
 UNICOM - 122.8 (AU)

ATIS



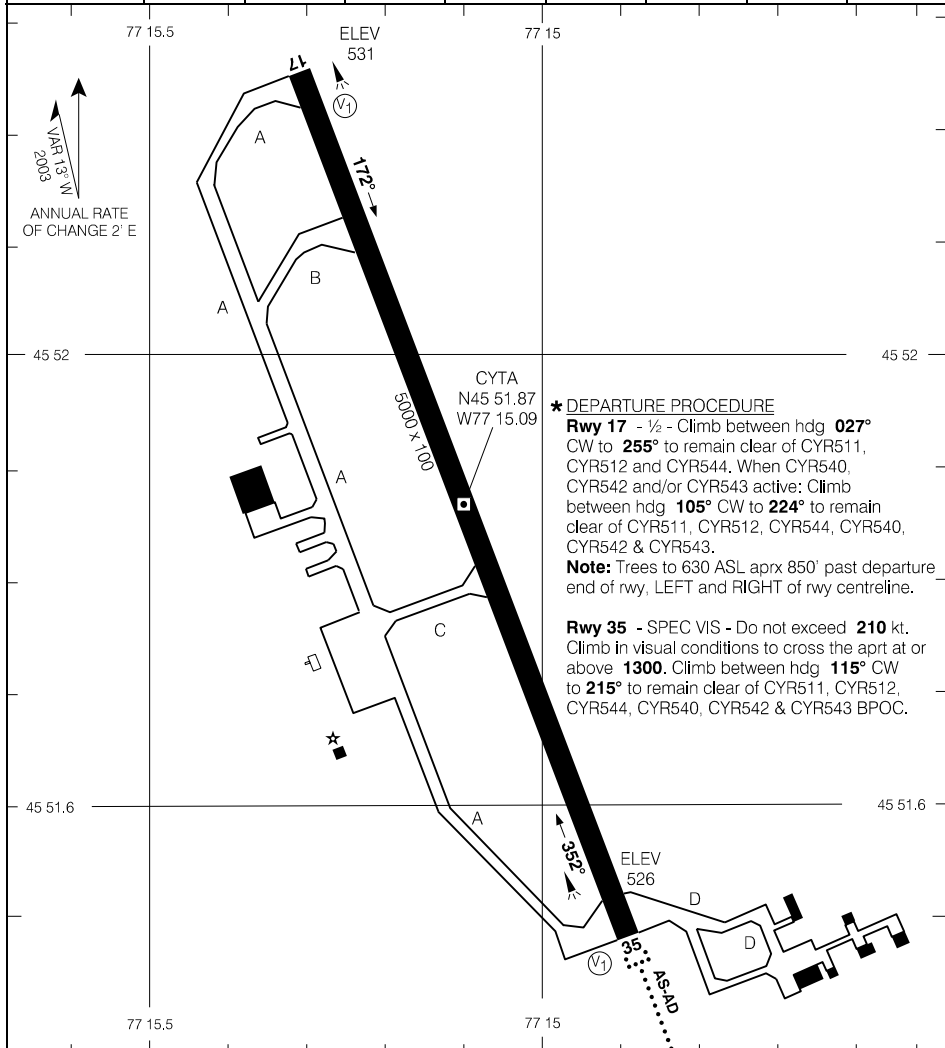
AGNEX THREE DEP (AGNEX3.)

CYTA

EFF 27 JAN 22

AERODROME CHART

		⚠ ADVSY Petawawa – 126.4 250.1 ⚠ UNICOM – 122.8 (AU)		CTR Montreal – 135.2	
				ATF	
DECL DIST	17	35			
TORA	5000	5000			
TODA	5700	5900			
ASDA	5000	5000			
LDA	5000	5000			



*** DEPARTURE PROCEDURE**

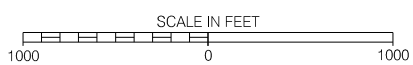
Rwy 17 - 1/2 - Climb between hdg **027°** CW to **255°** to remain clear of CYR511, CYR512 and CYR544. When CYR540, CYR542 and/or CYR543 active: Climb between hdg **105°** CW to **224°** to remain clear of CYR511, CYR512, CYR544, CYR540, CYR542 & CYR543.

Note: Trees to 630 ASL aprx 850' past departure end of rwy, LEFT and RIGHT of rwy centreline.

Rwy 35 - SPEC VIS - Do not exceed **210** kt. Climb in visual conditions to cross the aprt at or above **1300**. Climb between hdg **115°** CW to **215°** to remain clear of CYR511, CYR512, CYR544, CYR540, CYR542 & CYR543 BPOC.

TAKE-OFF MINIMA

Rwys 17, 35: *



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

EFF 25 JAN 24

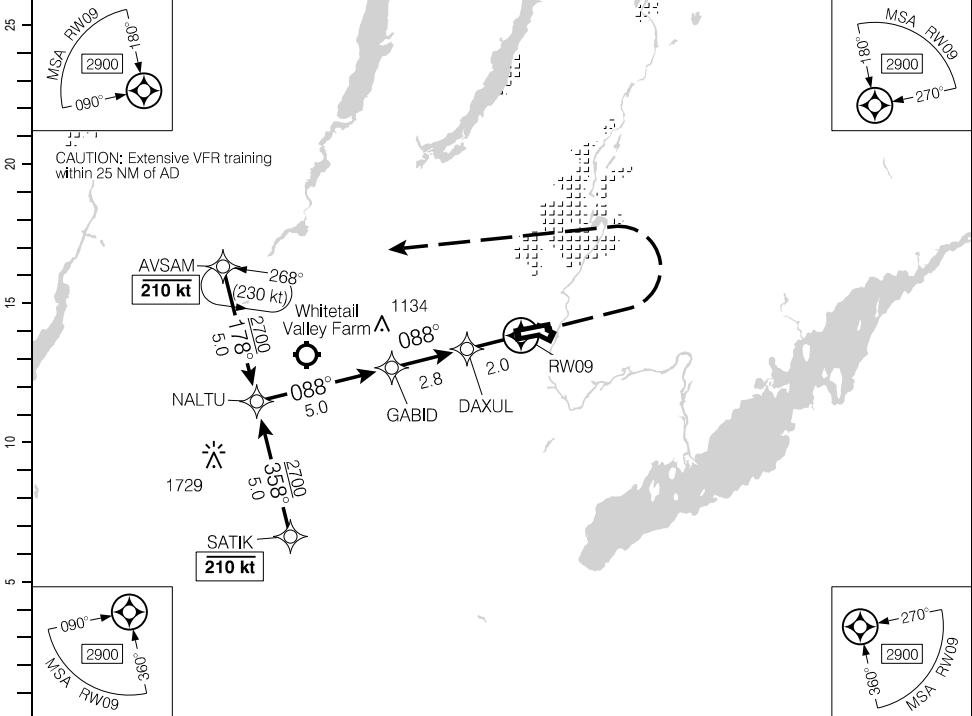
CYTA

RNAV (GNSS) RWY 09

441350N 0782147W VAR 12°W

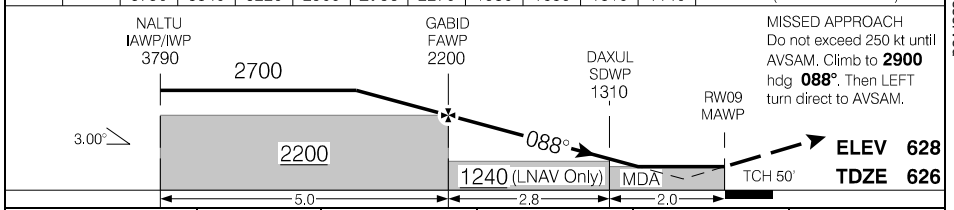
CYPQ

AWOS – 126.92		CTR Toronto – 134.25		UNICOM – 123.0		ARCAL 123.0(K)	
SAFE ALT 100 NM 4900		WAAS Ch 80475 W09A		APCH CRS 088°		MIN ALT GABID 2200	
				LDA 7005		MF	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	9.8	9	8	7	6.4	5	4	3	2	1.5	DIST FROM RWY09	
	3790	3540	3220	2900	2700	2270	1950	1630	1310	1140	ALT (3.00° APCH PATH)	



RASS: When using CY00 add 90°. When using CYTR add 130°.			CATEGORY	A	B	C	D
			LPV	1125	(500)		1¼
			LNAV	1140	(515)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 09

CYPQ

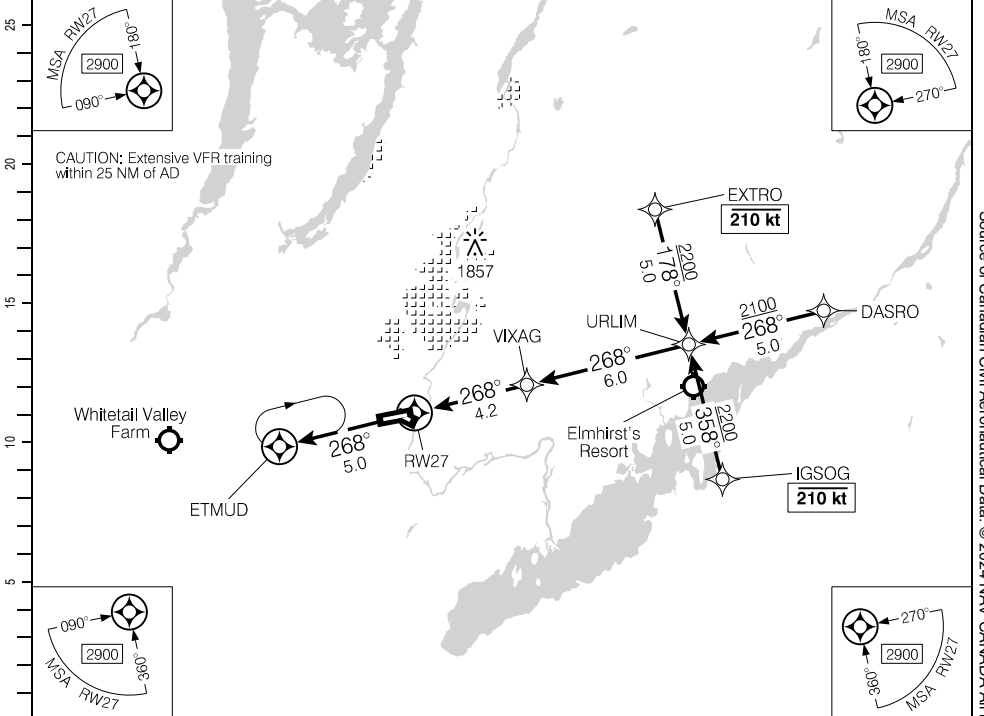
EFF 25 JAN 24

RNAV (GNSS) RWY 27

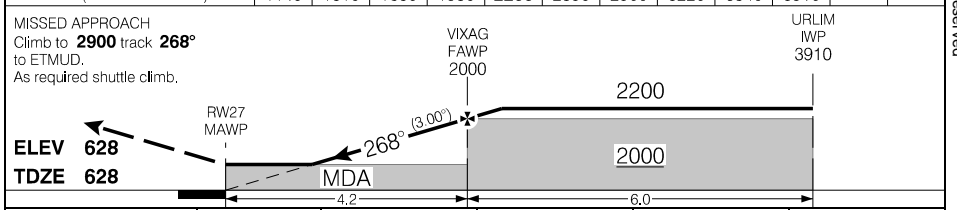
441350N 0782147W VAR 12°W

CYPQ

AWOS – 126.92		CTR Toronto – 134.25		UNICOM – 123.0		ARCAL 123.0(K)	
SAFE ALT 100 NM 4900		RNAV		APCH CRS 268°		MIN ALT VIXAG 2000	
						LDA 7005	



(NM)	DIST FROM RWY27	1.5	2	3	4	4.8	6	7	8	9	10.2	
	ALT (3.00° APCH PATH)	1140	1310	1630	1950	2200	2590	2900	3220	3540	3910	



RASS: When using CY00 add 90°. When using CYTR add 130°.		CATEGORY	A	B	C	D
		LNAV	1140		(516)	1½
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 27

CYPQ

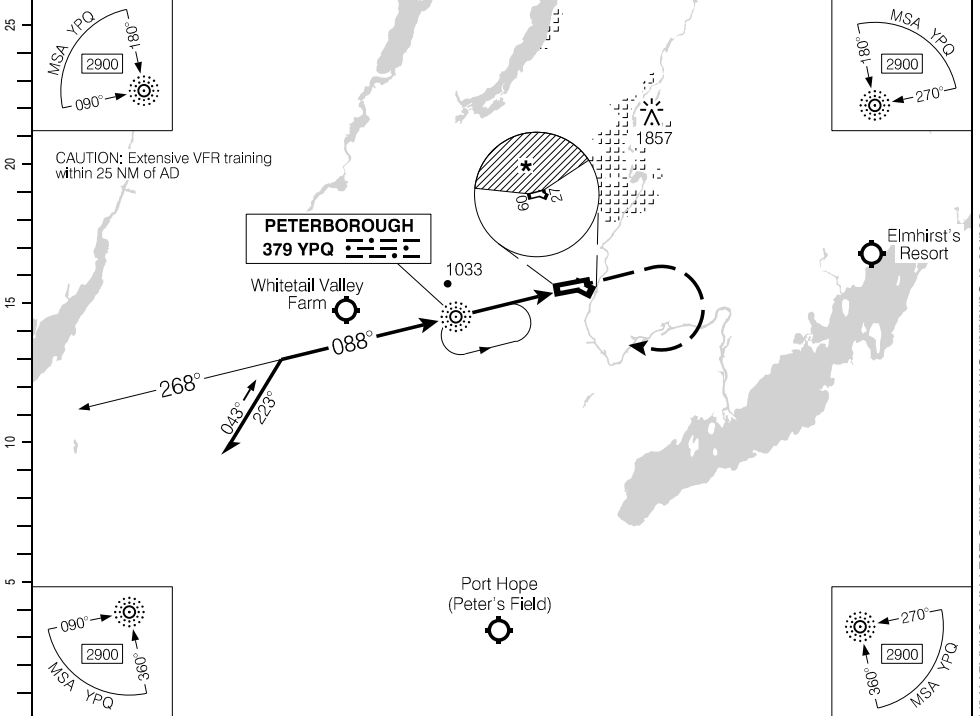
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NDB RWY 09

441350N 0782147W VAR 12°W

AWOS - 126.92		CTR Toronto - 134.25		UNICOM - 123.0		ARCAL 123.0(K)	
SAFE ALT 100 NM 4900		NDB YPQ 379	APCH CRS 088°	MIN ALT YPQ 1900	LDA 7005		



CAUTION: Extensive VFR training within 25 NM of AD

PETERBOROUGH
379 YPQ

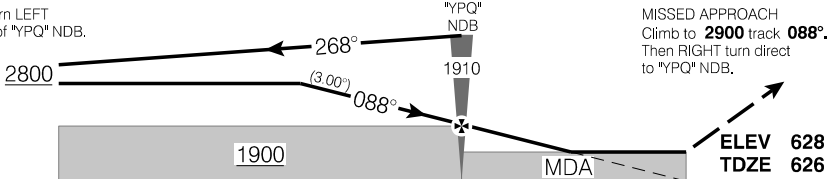
Whitetail Valley Farm

Port Hope (Peter's Field)

Elmhurst's Resort

(NM)	10.9	10	9	8	6.7	6	5	4	3	2.0	DIST FROM MAP	
	4140	3860	3540	3220	2800	2590	2270	1950	1630	1320	ALT (3.00° APCH PATH)	

Procedure turn LEFT within 7 NM of "YPQ" NDB.



RASS: When using CY00 add 90°. When using CYTR add 130°.	CATEGORY	A	B	C	D
	NDB	1320		(694)	2
"YPQ" NDB to MAP 3.9 NM	CIRCLING	1320	(692)	2	* 1320 (692) 2
Knots	ft/min	Min:Sec			
70	370	3:21			
90	480	2:36			
110	580	2:08			
130	690	1:48			
150	800	1:34			

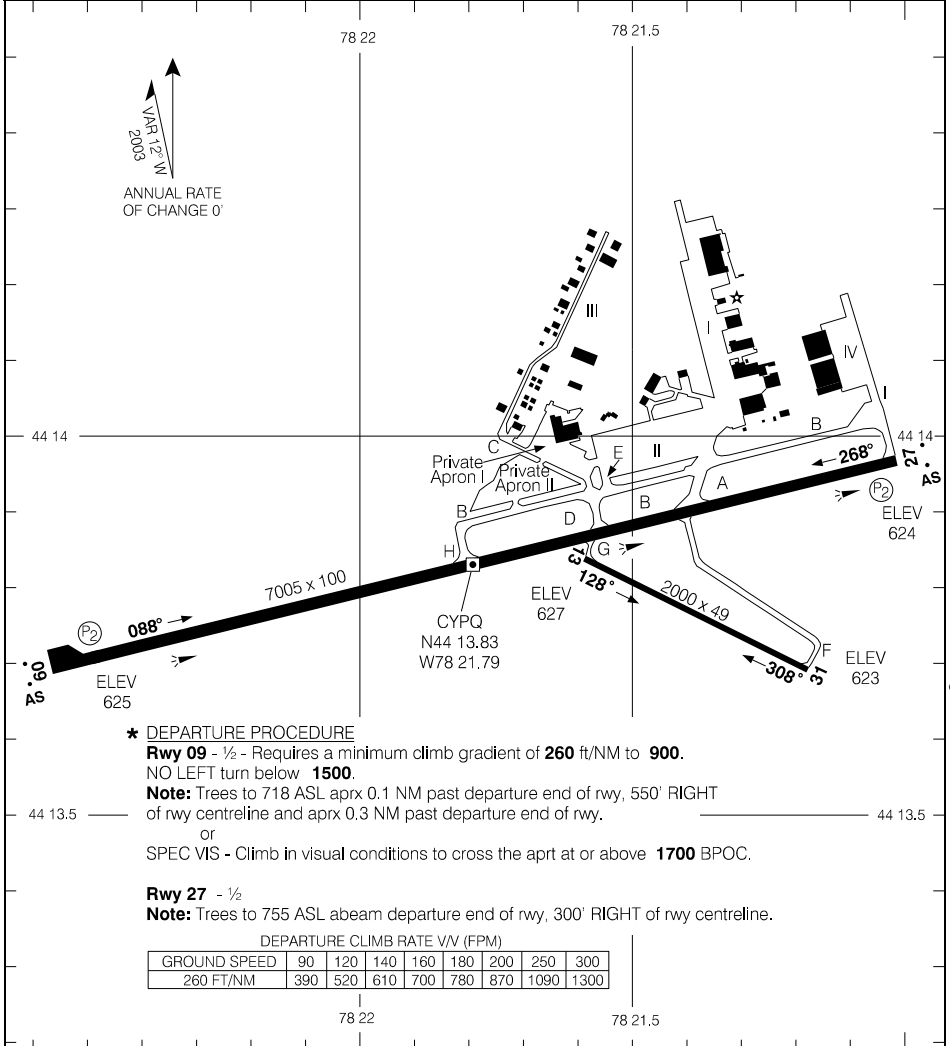
NDB RWY 09

CYPQ

EFF 25 JAN 24

AERODROME CHART

AWOS - 126.92					UNICOM - 123.0		CTR Toronto - 134.25		
						MF			
DECL	DISTS	09	27	13	31				
TORA		7005	7005	2000	2000				
TODA		7300	7300	2000	2000				
ASDA		7005	7005	2000	2000				
LDA		7005	7005	2000	2000				



*** DEPARTURE PROCEDURE**

Rwy 09 - 1/2 - Requires a minimum climb gradient of **260 ft/NM** to **900**.
NO LEFT turn below **1500**.

Note: Trees to 718 ASL aprx 0.1 NM past departure end of rwy, 550' RIGHT of rwy centreline and aprx 0.3 NM past departure end of rwy.

or
SPEC VIS - Climb in visual conditions to cross the aprt at or above **1700 BPOC**.

Rwy 27 - 1/2

Note: Trees to 755 ASL abeam departure end of rwy, 300' RIGHT of rwy centreline.

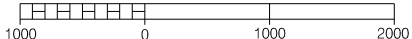
DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
260 FT/NM	390	520	610	700	780	870	1090	1300

TAKE-OFF MINIMA

Rwys 09; 27; *
Rwys 13; 31: NOT ASSESSED

SCALE IN FEET



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

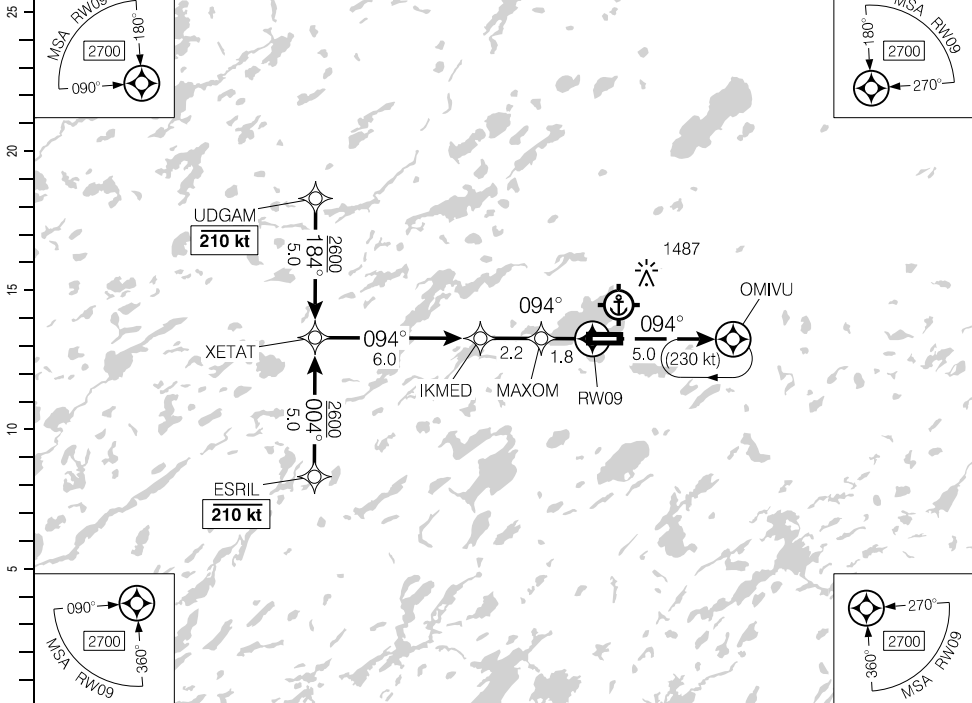
EFF 21 MAR 24

CYPQ

RNAV (GNSS) RWY 09

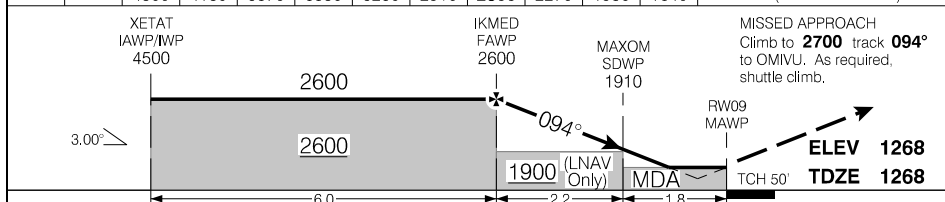
512647N 0901249W VAR 4°W

AWOS – 127.67		RADIO Thunder Bay – 122.2 TFC – 122.2			ARCAL 122.2(K)
SAFE ALT 100 NM 3000	WAAS Ch 80585 W09A	APCH CRS 094°	MIN ALT IKMED 2600	LDA 5217	(P1)



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

	10	9	8	7	6	5	4.0	3	2	1.0	DIST FROM RW09
	4500	4180	3870	3550	3230	2910	2600	2270	1950	1640	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1519	(250)		1
			LNNAV/VNAV (min. -21°C, max. 54°C)	1543	(275)		1
			LNNAV	1640	(372)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 09

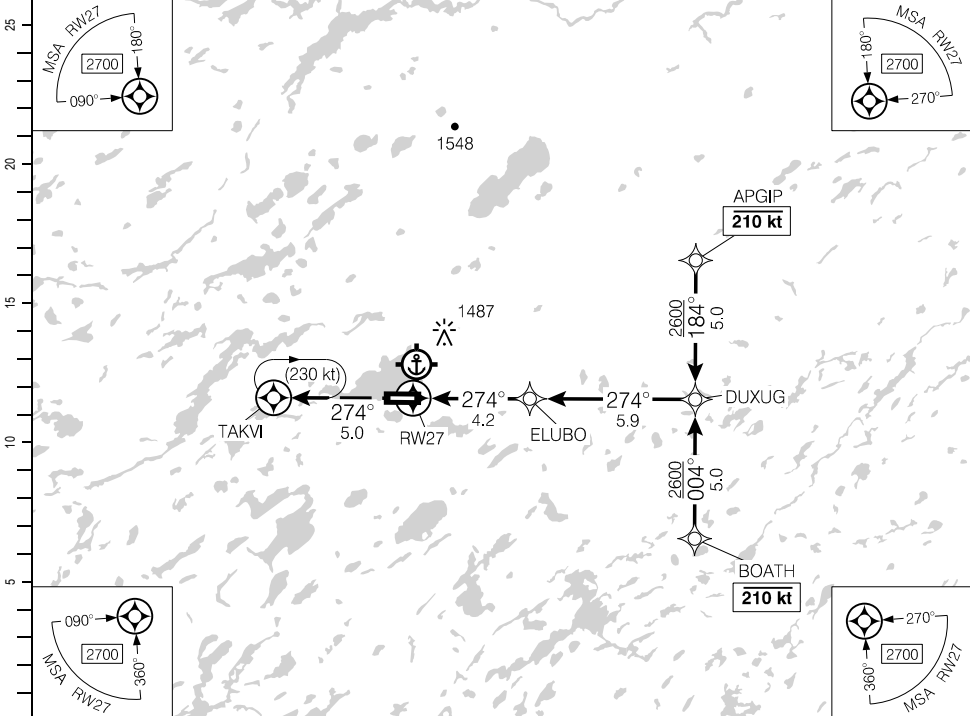
CYPL

EFF 8 SEP 22

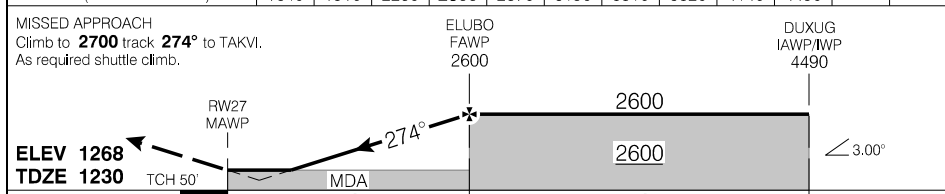
RNAV (GNSS) RWY 27

512647N 0901249W VAR 4°W

AWOS - 127.67		RADIO Thunder Bay - 122.2 TFC - 122.2			ARCAL 122.2(K)
SAFE ALT 100 NM 3000	WAAS Ch 80586 W27A	APCH CRS 274°	MIN ALT ELUBO 2600	LDA 5217	(P1)



DIST FROM RWY27	1.1	2	3	4.2	5	6	7	8	9	10.1		
ALT (3.00° APCH PATH)	1640	1910	2230	2600	2870	3190	3510	3820	4140	4490		



			CATEGORY	A	B	C	D
			LPV	1477	(250)	1	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -21°C, max. 54°C)	1665	(438)	1½	
70	370		LNAV	1640	(413)	1¼	
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 27

CYPL

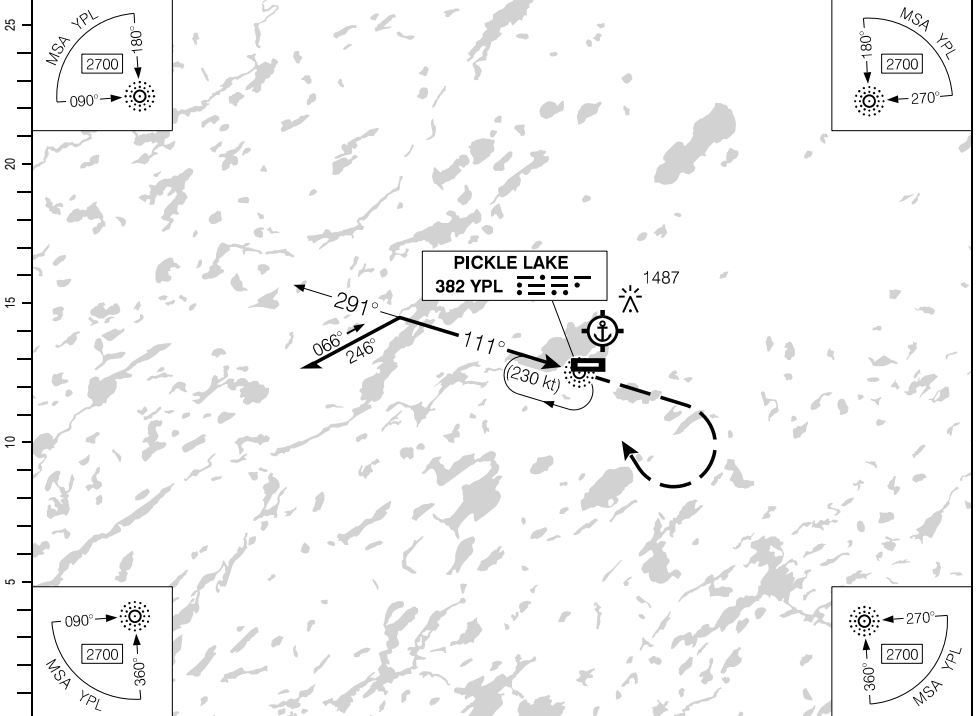
EFF 8 SEP 22

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

NDB RWY 09

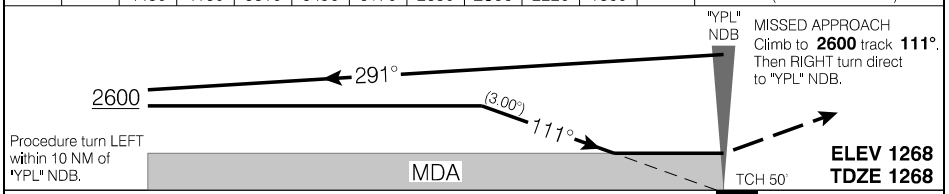
512647N 0901249W VAR 4°W

AWOS - 127.67		RADIO Thunder Bay - 122.2 TFC - 122.2		ARCAL 122.2(K)
SAFE ALT 100 NM 3000	NDB YPL 382	APCH CRS 111°	MF	LDA 5217



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5	4.2	3	1.9		DIST FROM "YPL" NDB
	4450	4130	3810	3490	3170	2850	2600	2220	1860		ALT (3.00° APCH PATH)



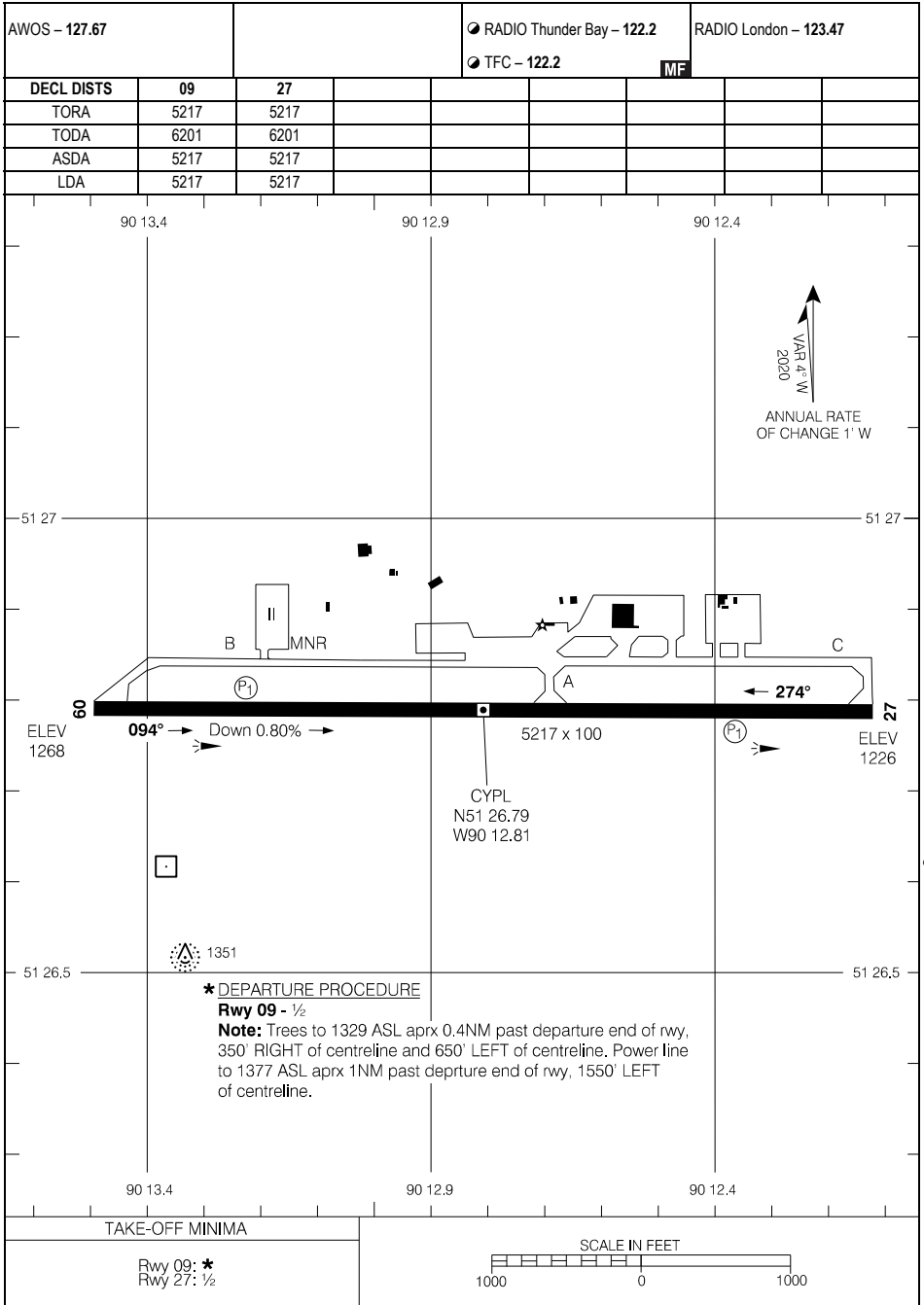
			CATEGORY	A	B	C	D
			NDB	1860	(592)		1¼
			CIRCLING	1860	(592)	1¼	1860 (592) 2
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

NDB RWY 09

CYPL

EFF 8 SEP 22

AERODROME CHART



AERODROME CHART

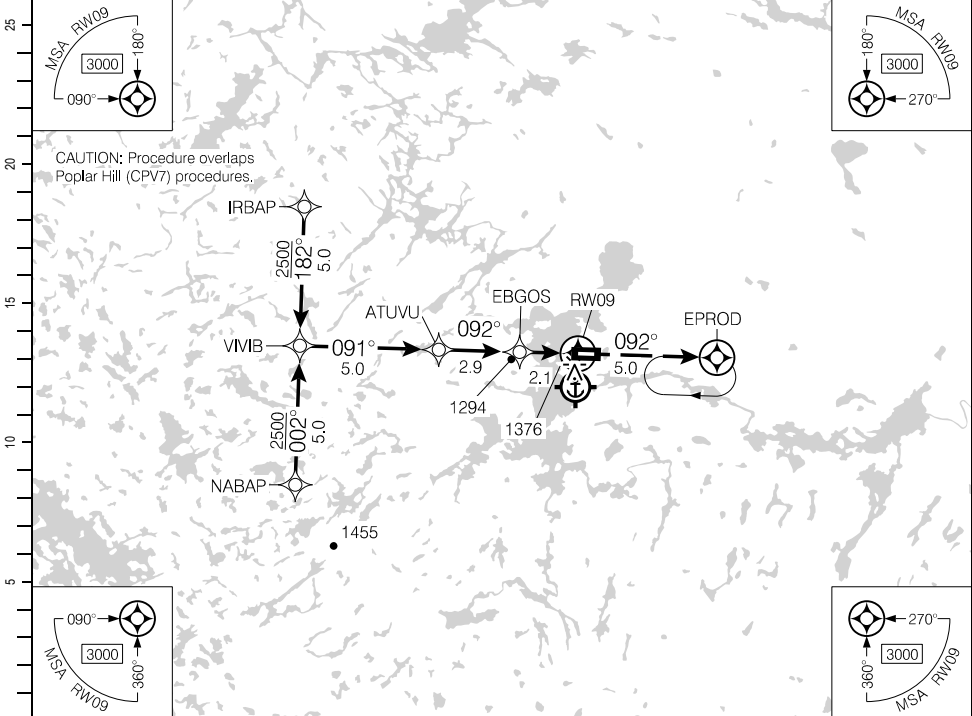
CYPL

EFF 25 JAN 24

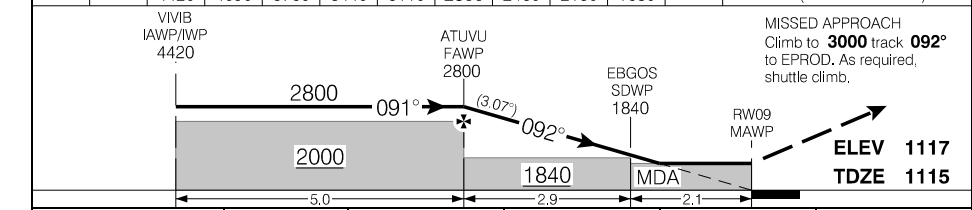
RNAV (GNSS) RWY 09

514911N 0935824W VAR 0°

CTR Winnipeg – 135.32		TFC – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV	APCH CRS 092°	MIN ALT ATUVU 2000	LDA 3508



(NM)	10	9	8	7	6	5.0	4	3	1.6	DIST FROM RWY09	
	4420	4090	3760	3440	3110	2800	2460	2130	1680	ALT (3.07° APCH PATH)	



RASS: Use CYRL.			CATEGORY	A	B	C	D
LNAV			1680		(565)	1¼	
Knots	ft/min	Min:Sec					
70	380						
90	490						
110	600						
130	710						
150	810						

RNAV (GNSS) RWY 09

CYPM

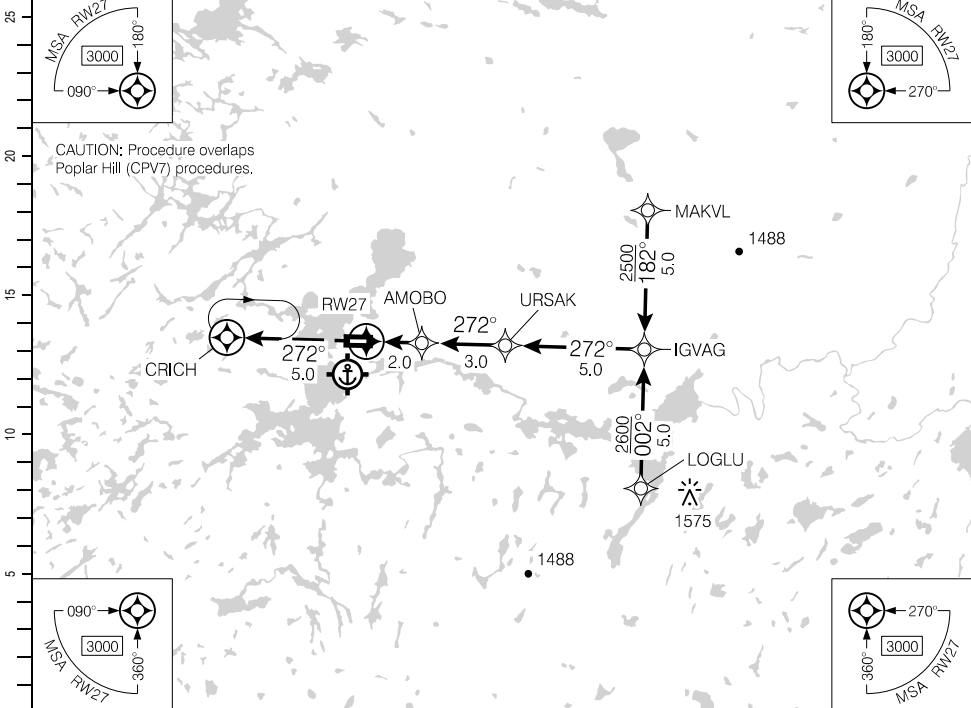
EFF 16 JUL 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

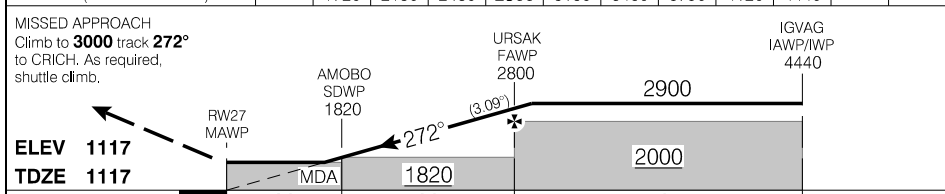
RNAV (GNSS) RWY 27

514911N 0935824W VAR 0°

CTR Winnipeg – 135.32		TFC – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV	APCH CRS 272°	MIN ALT URSAK 2000	LDA 3508



(NM)	DIST FROM RW27	1.7	3	4	5.3	6	7	8	9	10		
	ALT (3.09° APCH PATH)	1720	2150	2480	2900	3130	3460	3790	4120	4440		



RASS: Use CYRL.		CATEGORY	A	B	C	D
		LNAV	1720	(603)	1¼	
Knots	ft/min	Min:Sec				
70	380					
90	490					
110	600					
130	710					
150	820					

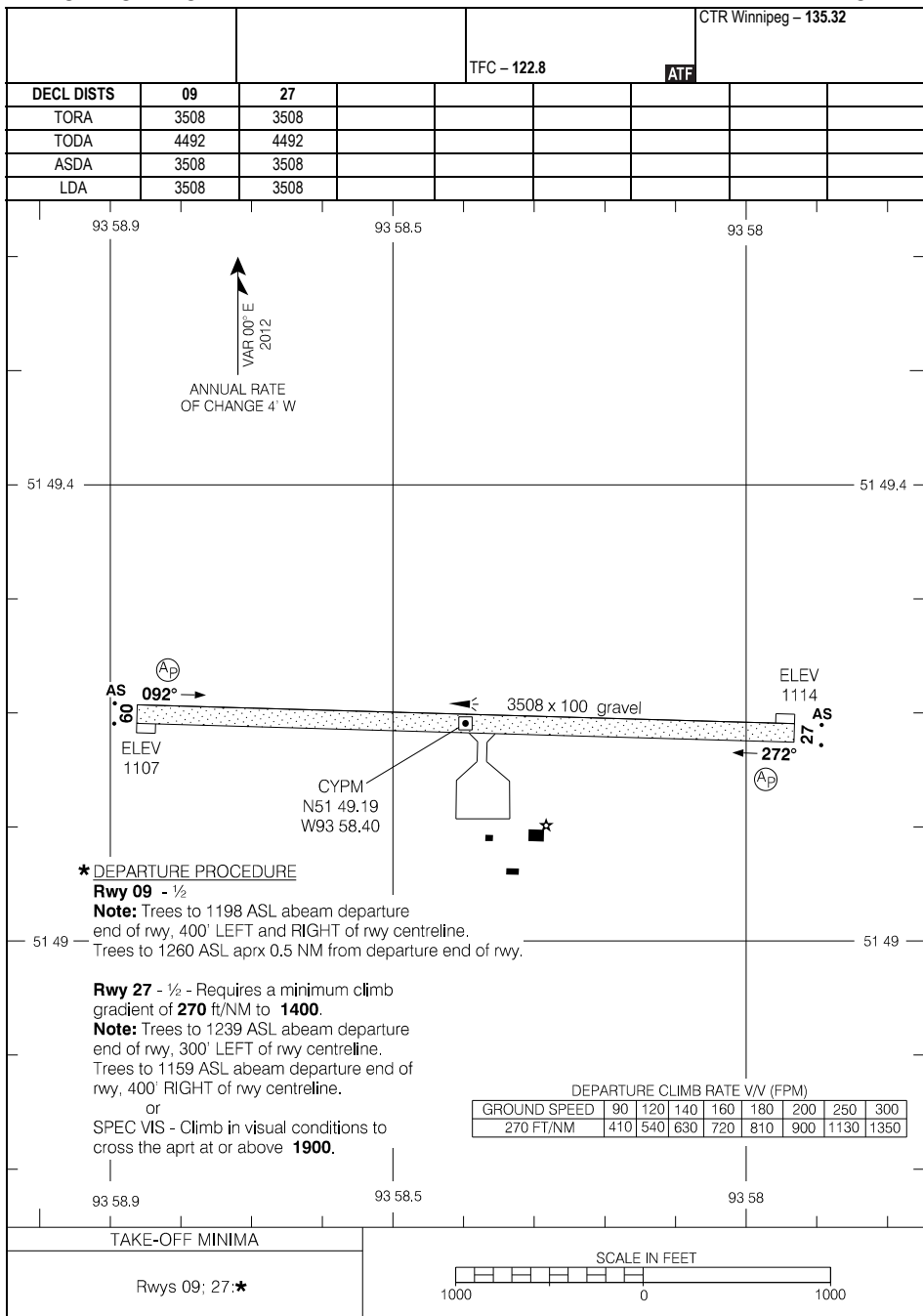
RNAV (GNSS) RWY 27

CYPM

EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

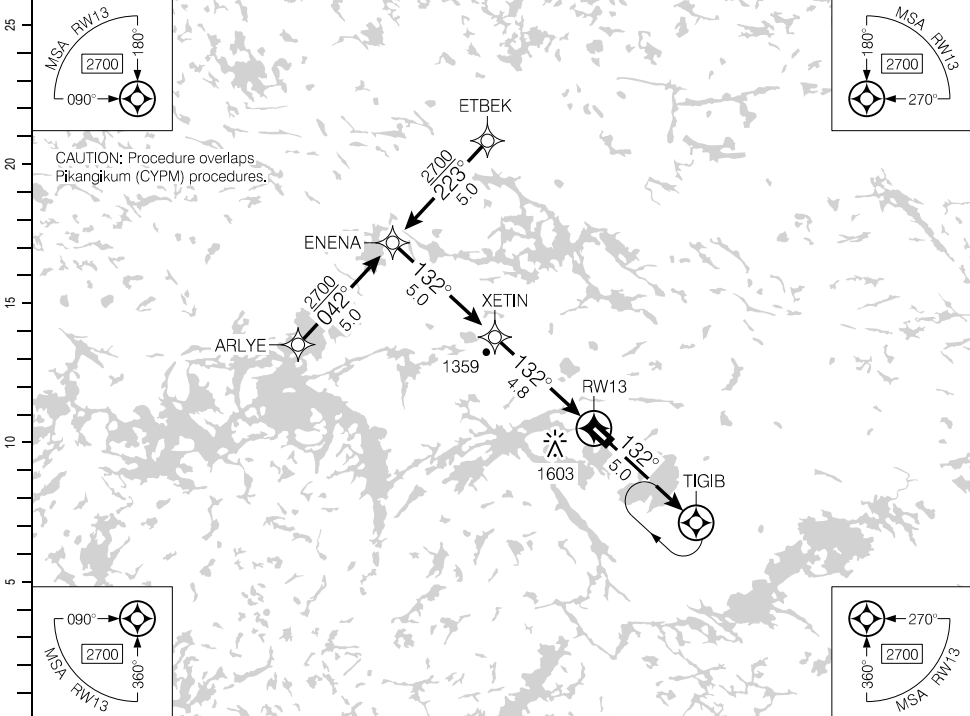
CYPM

EFF 24 MAR 22

RNAV (GNSS) RWY 13

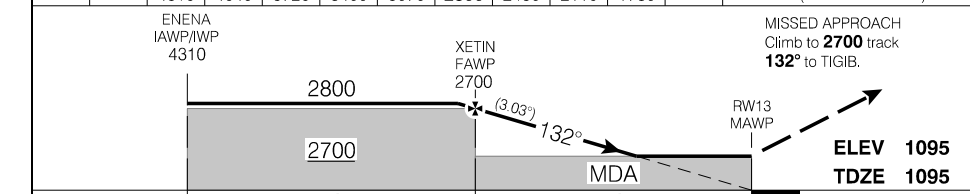
520648N 0941520W VAR 0°

CTR Winnipeg – 135.32		TFC – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV	APCH CRS 132°	MIN ALT XETIN 2700	LDA 3508



CAUTION: Procedure overlaps Pikangikum (CYPM) procedures.

(NM)	9.8	9	8	7	6	5.1	4	3	2.0	DIST FROM RWY13	
	4310	4040	3720	3400	3070	2800	2430	2110	1780	ALT (3.03° APCH PATH)	



RASS: Use CZSJ. When using CYRL add 10'.			CATEGORY	A	B	C	D
LNAV			1780		(685)	2	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	590						
130	700						
150	800						

RNAV (GNSS) RWY 13

CPV7

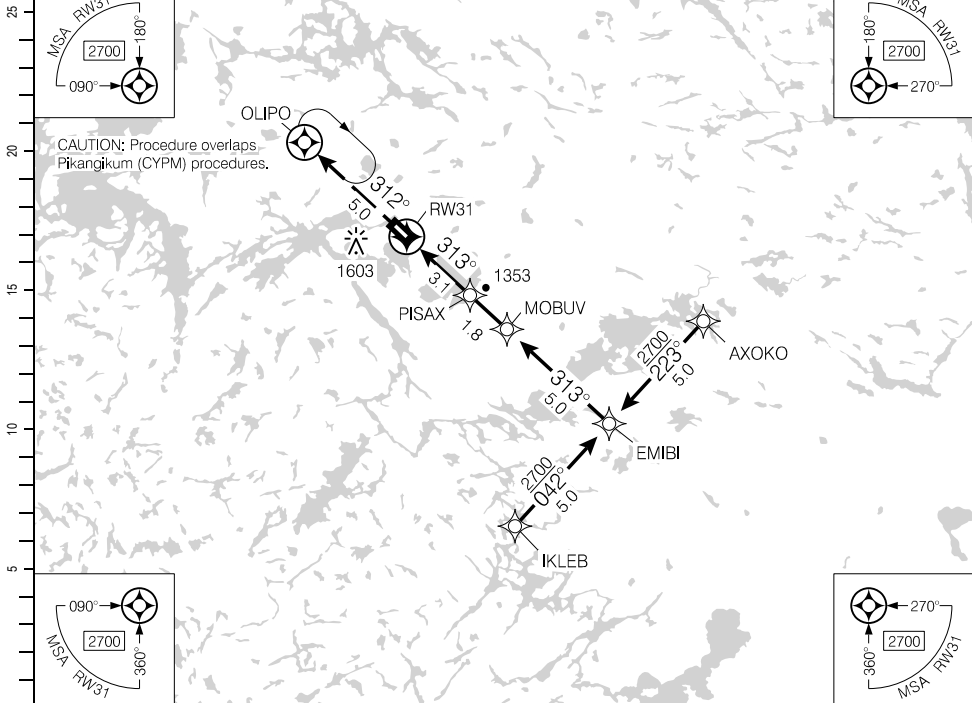
EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 31

520648N 0941520W VAR 0°

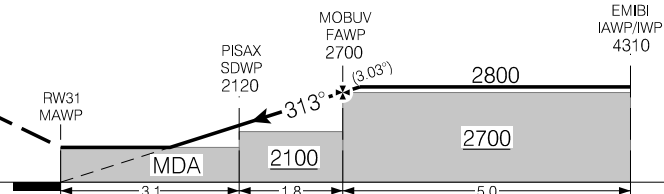
CTR Winnipeg – 135.32		TFC – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		RNAV	APCH CRS 313°	MIN ALT MOBUV 2700	LDA 3508



(NM)	DIST FROM RW31	1.9	3	4	5.2	6	7	8	9	9.9
	ALT (3.03° APCH PATH)	1720	2090	2410	2800	3050	3380	3700	4020	4310

MISSED APPROACH
Climb to **2700** track
312° to OLIPO.

ELEV 1095
TDZE 1076



RASS: Use CZSJ. When using CYRL add 10°.		CATEGORY	A	B	C	D
		RNAV	1720		(644)	2
Knots	ft/min	Min:Sec				
70	380					
90	480					
110	590					
130	700					
150	800					

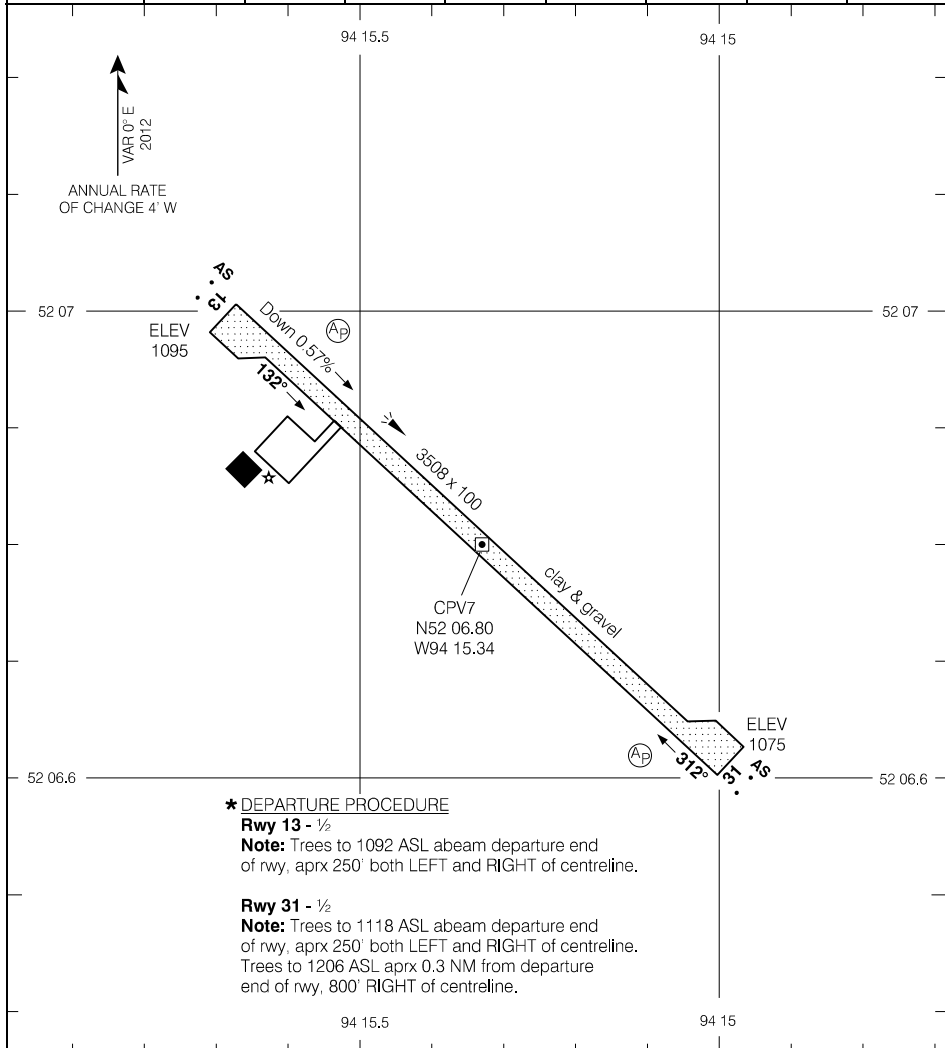
RNAV (GNSS) RWY 31

CPV7

EFF 23 FEB 23

AERODROME CHART

				CTR Winnipeg - 135.32	
		TFC - 122.8		ATF	
DECL	DISTS	13	31		
TORA		3508	3508		
TODA		3508	3508		
ASDA		3508	3508		
LDA		3508	3508		



* DEPARTURE PROCEDURE

Rwy 13 - 1/2

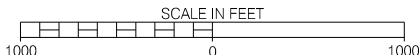
Note: Trees to 1092 ASL abeam departure end of rwy, aprx 250' both LEFT and RIGHT of centreline.

Rwy 31 - 1/2

Note: Trees to 1118 ASL abeam departure end of rwy, aprx 250' both LEFT and RIGHT of centreline. Trees to 1206 ASL aprx 0.3 NM from departure end of rwy, 800' RIGHT of centreline.

TAKE-OFF MINIMA

Rwys 13, 31: *



AERODROME CHART

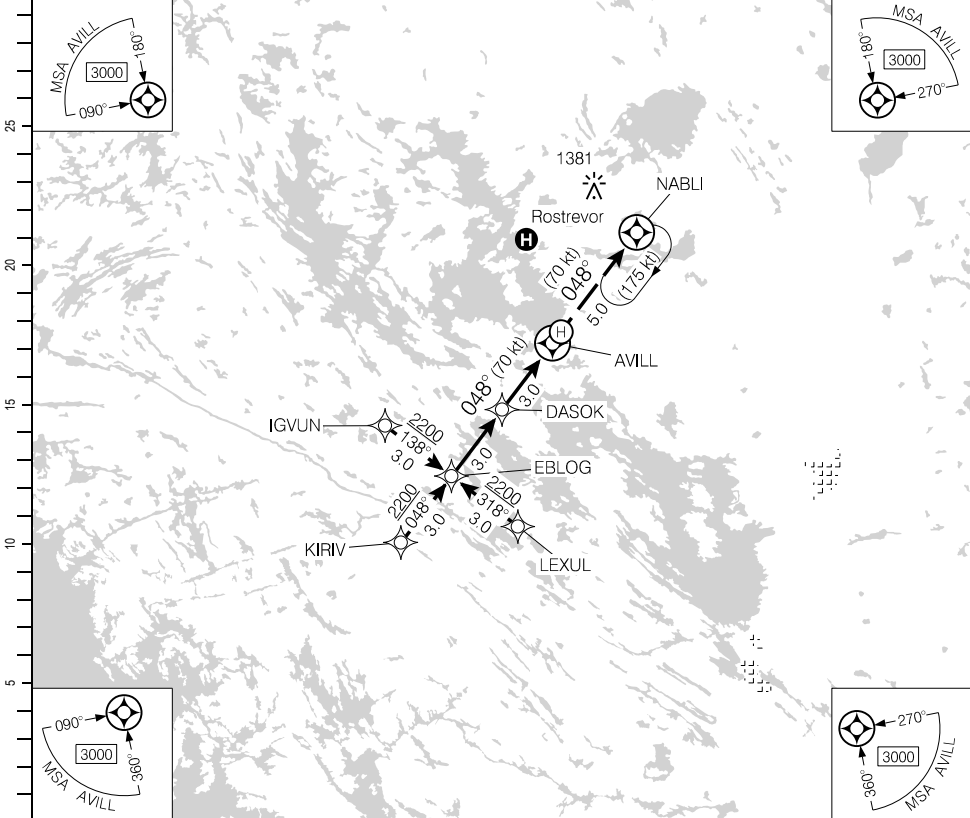
EFF 27 JAN 22

CPV7

COPTER RNAV (GNSS) 048°

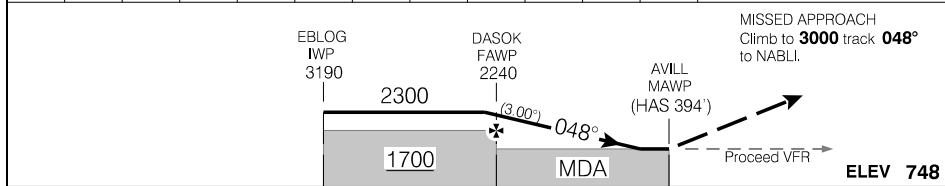
450741N 0793216W VAR 11°W

CTR Toronto - 124.02		TFC - 122.8		ARCAL 122.5(K) RY(LO) RF(FH)	
SAFE ALT 100 NM 3500	RNAV	APCH CRS 048°	MIN ALT DASOK 1700	HELIPAD 85 Diameter	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	6	5	4	3.2	2	1	0.0	DIST FROM AVILL
	3190	2870	2550	2300	1920	1600	1280	ALT (3.00° APCH PATH)



RASS: Use CYQA. When using CNY3 add 60°.					CATEGORY		COPTER	
Knots	70	90	110	130	150	LNAV	1280	(532) 1
ft/min	370	480	580	690	800			
Min:Sec								

COPTER RNAV (GNSS) 048°

EFF 27 JAN 22

VISUAL APPROACH CHART

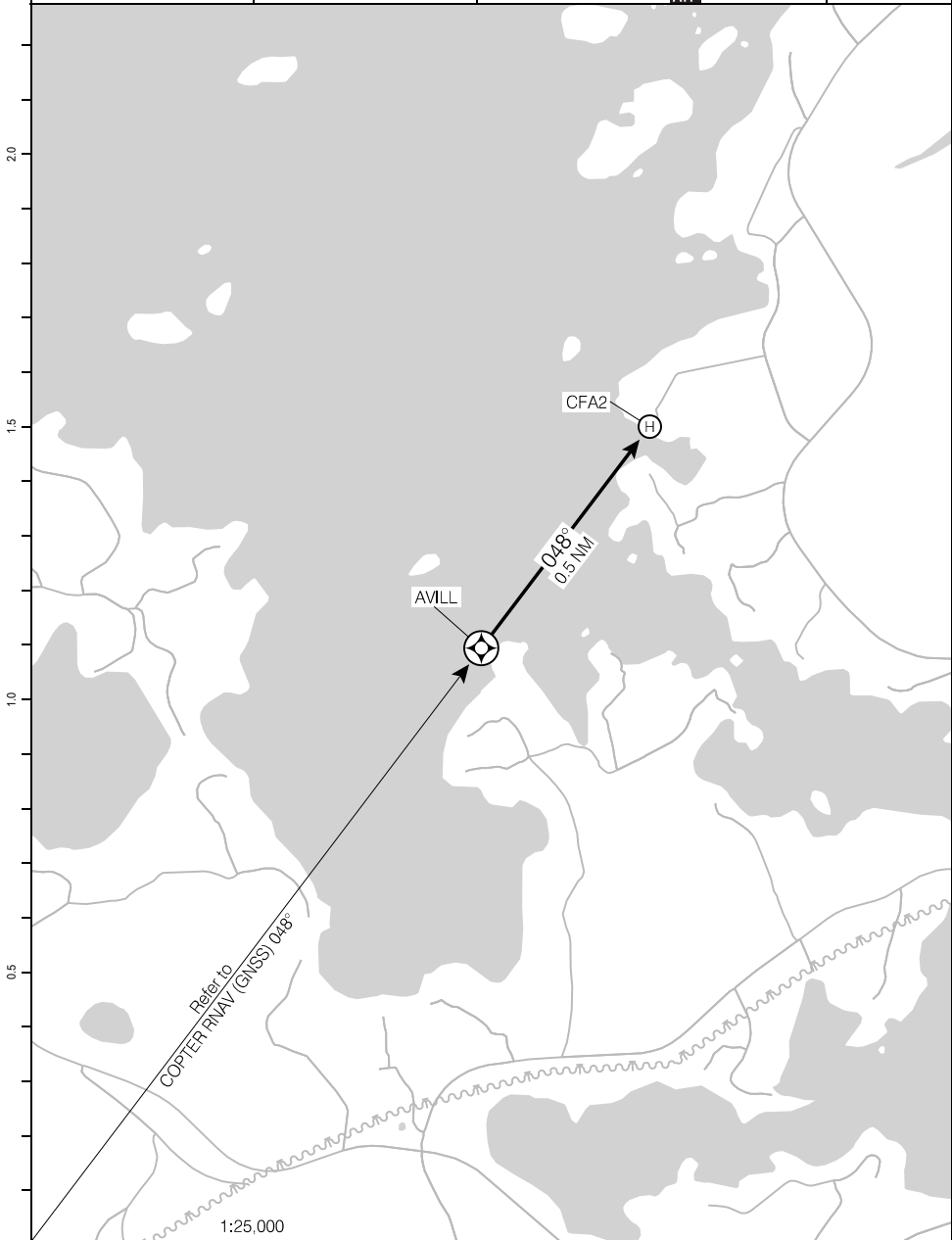
450741N 0793216W VAR 11°W

CTR Toronto - 124.02

TFC - 122.8

ATF

ELEV 748



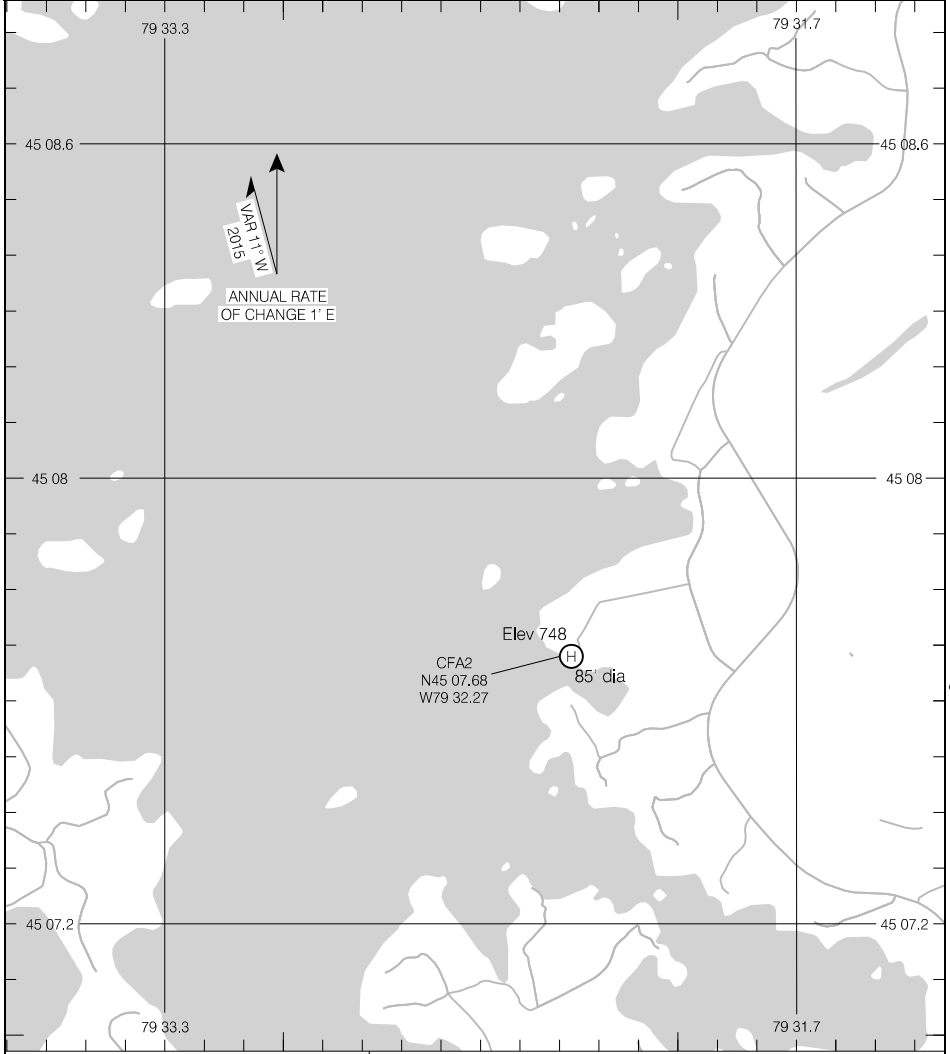
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM) 0 VISUAL APPROACH CHART
EFF 8 NOV 18

CFA2

HELIPORT CHART

				CTR Toronto - 124.02	
		TFC - 122.8		ATF	
DECL	DISTS				
TORA					
TODA					
ASDA					
LDA					



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
NOT ASSESSED	

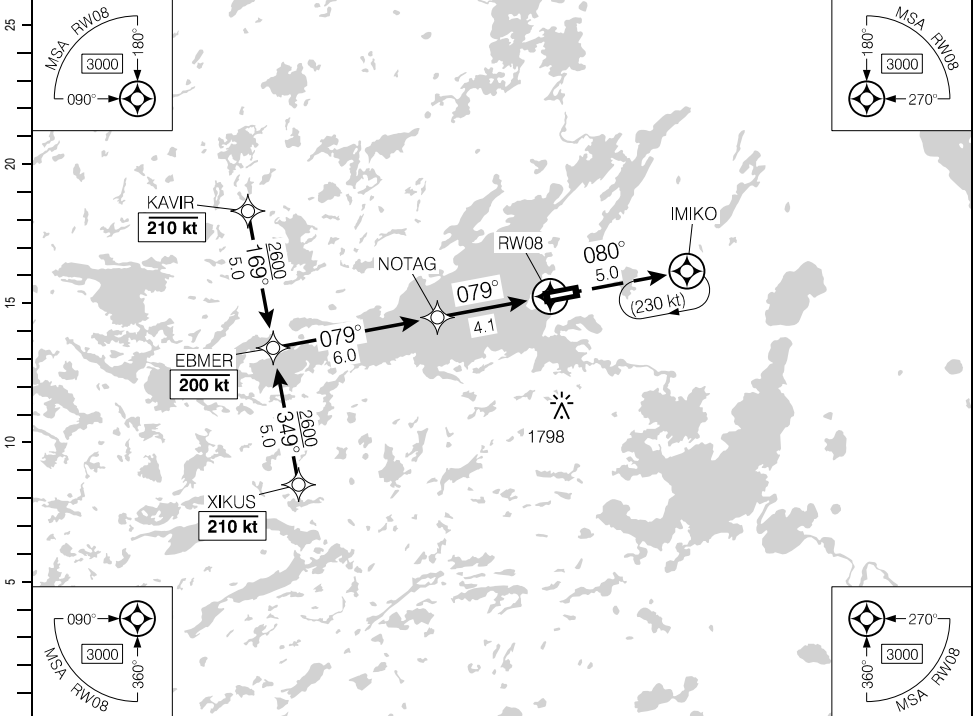
HELIPORT CHART
EFF 16 JUL 20

CFA2

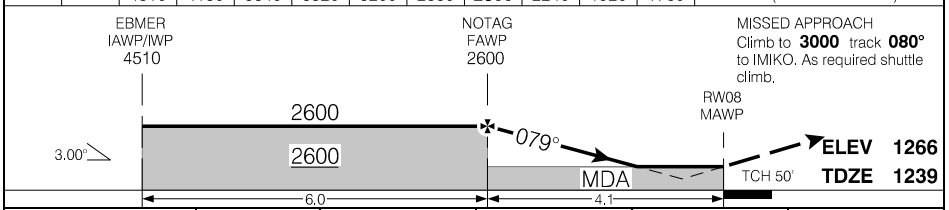
RNAV (GNSS) RWY 08

510354N 0934741W VAR 0°

CTR Winnipeg – 135.32		RADIO Kenora – 122.3 TFC – 122.3		ARCAL 122.3(K)	
SAFE ALT 100 NM 3000	WAAS Ch 80248 W08A	APCH CRS 079°	MIN ALT NOTAG 2600	LDA 5001	



(NM)	10.1	9	8	7	6	5	4.1	3	2	1.5	DIST FROM RWY08
	4510	4150	3840	3520	3200	2880	2600	2240	1920	1760	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1486	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1670	(434)		1½
			LNAV	1760	(524)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 08

CYRL

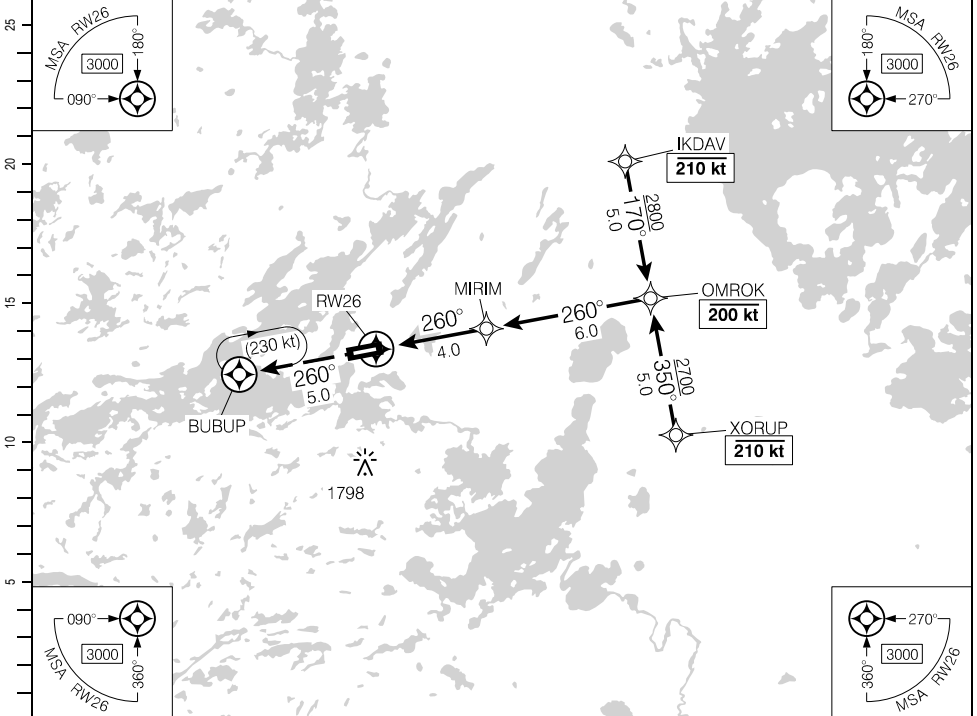
EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

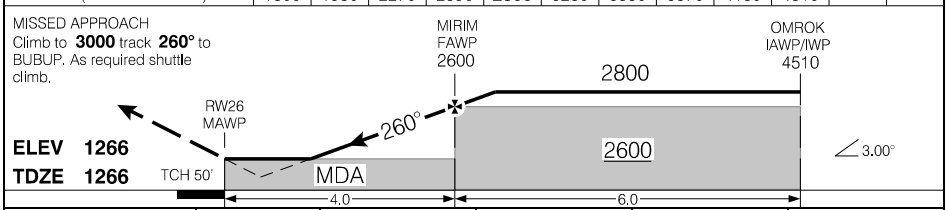
RNAV (GNSS) RWY 26

510354N 0934741W VAR 0°

CTR Winnipeg – 135.32		<input checked="" type="checkbox"/> RADIO Kenora – 122.3 <input checked="" type="checkbox"/> TFC – 122.3		ARCAL 122.3(K)	
SAFE ALT 100 NM 3000	WAAS Ch 80466 W26A	APCH CRS 260°	MIN ALT MIRIM 2600	LDA 5001	<input type="checkbox"/> P1 <input type="checkbox"/> AO <input type="checkbox"/> ...



(NM)	DIST FROM RW26	1.5	2	3	4	4.7	6	7	8	9	10		
	ALT (3.00° APCH PATH)	1800	1950	2270	2590	2800	3230	3550	3870	4180	4510		



		CATEGORY	A	B	C	D
		LPV	1516	(250)		1
		LNAV/VNAV (min. -21°C, max. 54°C)	1815	(549)		2
		LNAV	1800	(534)		1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 26

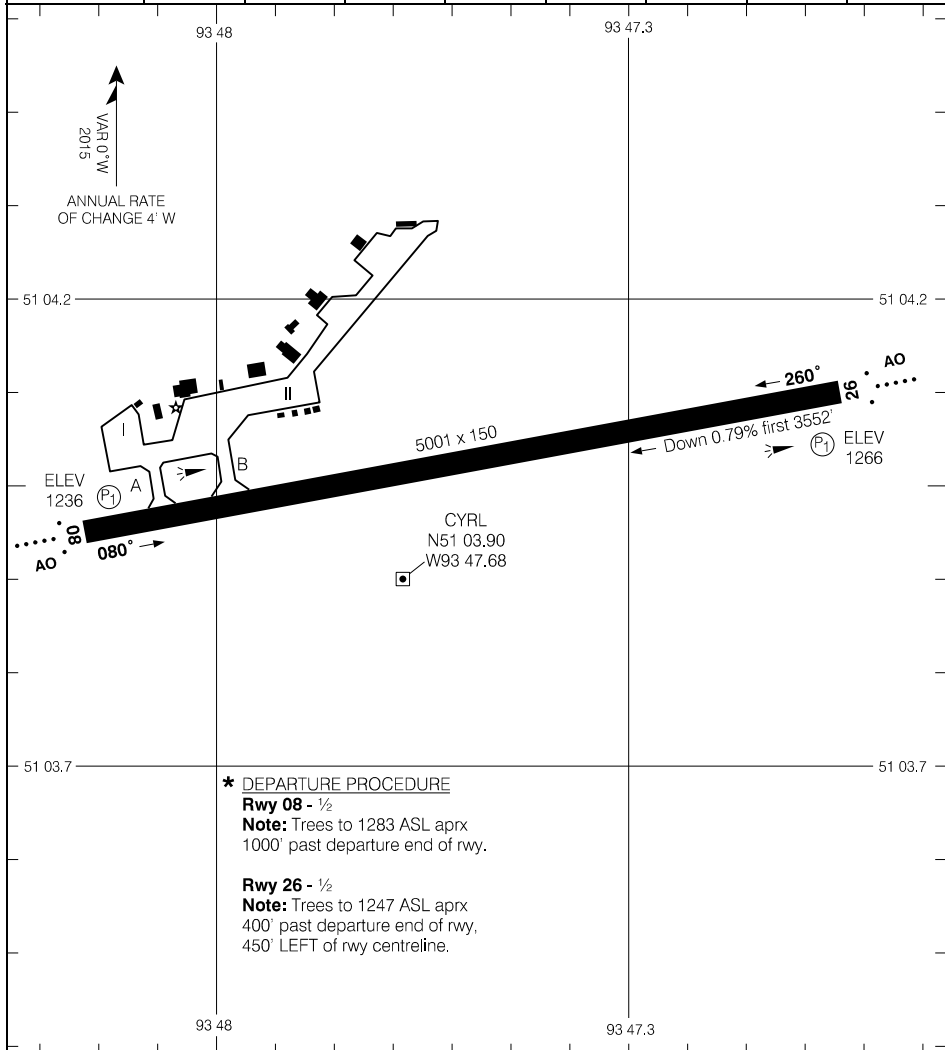
CYRL

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

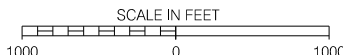
		● RADIO Kenora – 122.3 ● TFC – 122.3		CTR Winnipeg – 135.32 RADIO London – 123.55	
DECL DIST	08	26			
TORA	5001	5001			
TODA	5985	5395			
ASDA	5001	5001			
LDA	5001	5001			



*** DEPARTURE PROCEDURE**
Rwy 08 - ½
Note: Trees to 1283 ASL aprx 1000' past departure end of rwy.
Rwy 26 - ½
Note: Trees to 1247 ASL aprx 400' past departure end of rwy, 450' LEFT of rwy centreline.

TAKE-OFF MINIMA

Rwy 08; 26: *



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

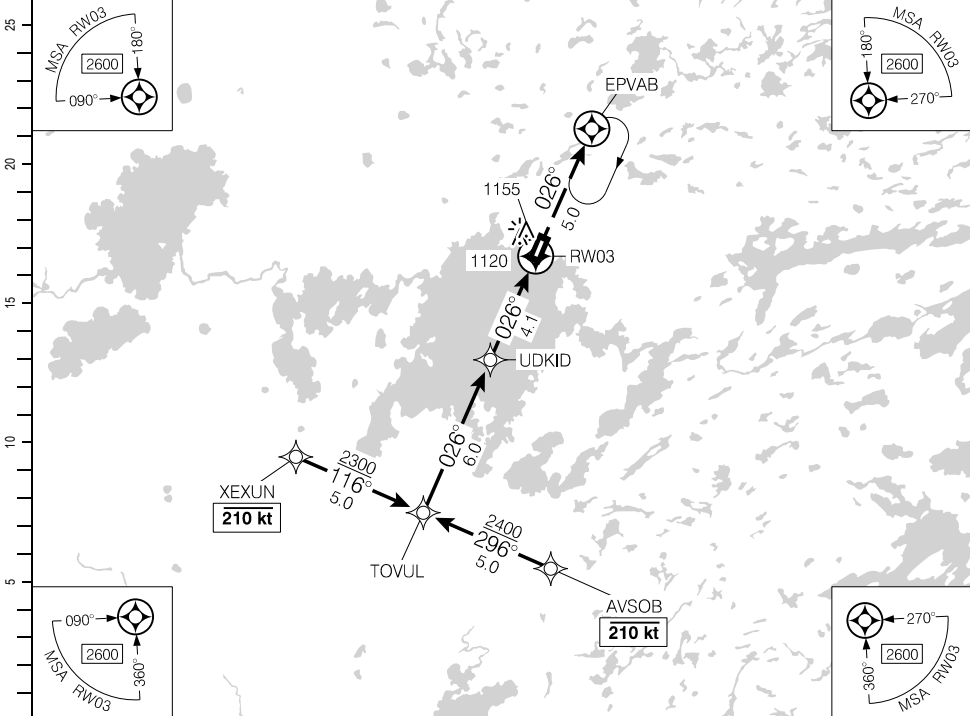
EFF 21 MAR 24

CYRL

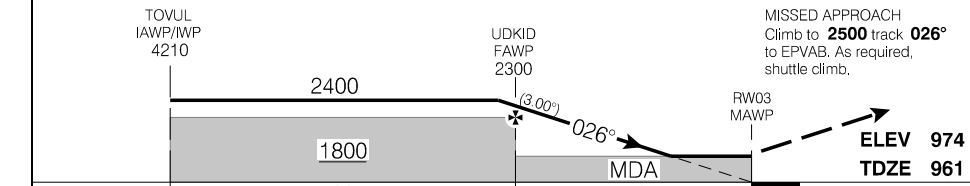
RNAV (GNSS) RWY 03

525637N 0911845W VAR 3°W

		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700	RNAV	APCH CRS 026°	MIN ALT UDKID 1800	LDA 3613	AS		



(NM)	10.1	9	8	7	6	5	4.4	3	2	1.4	DIST FROM RWY03
	4210	3870	3550	3230	2920	2600	2400	1960	1640	1460	ALT (3.00° APCH PATH)



RASS: Use CZMD. When using CYTL add 120'.			CATEGORY	A	B	C	D
			RNAV	1460		(505)	1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

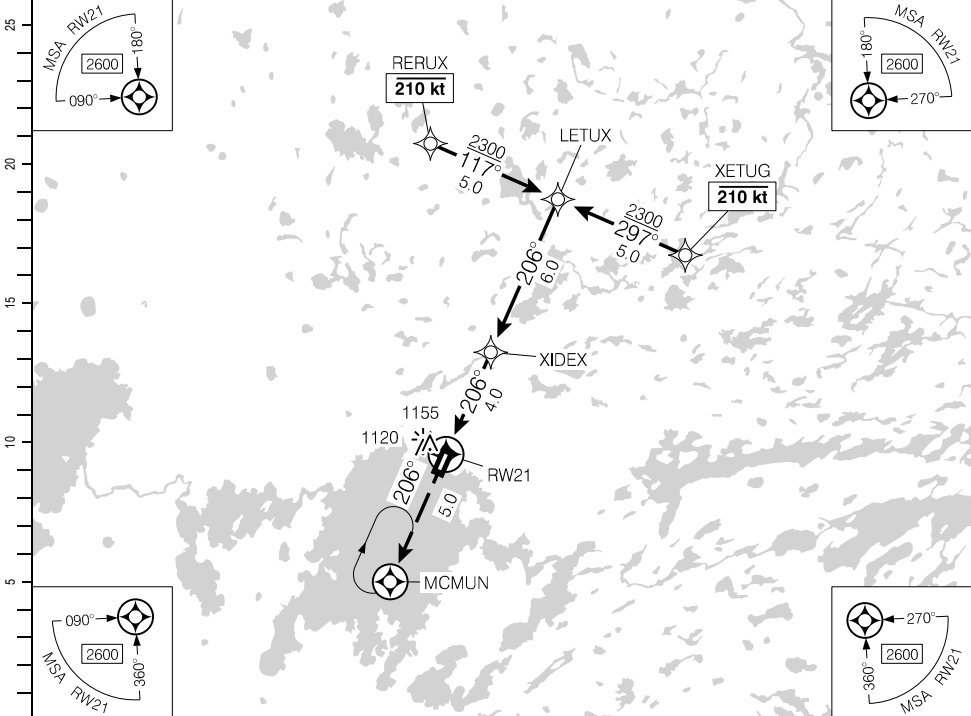
RNAV (GNSS) RWY 03

EFF 30 JAN 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 21

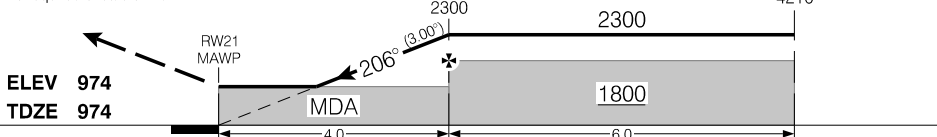
		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700	RNAV	APCH CRS 206°	MIN ALT XIDEX 1800	LDA 3613			



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DIST FROM RW21		1.7	3	4.0	5	6	7	8	9	10		
ALT (3.00° APCH PATH)		1580	1980	2300	2620	2930	3250	3570	3890	4210		

MISSED APPROACH
Climb to **2500** track **206°** to MCMUN.
As required shuttle climb.



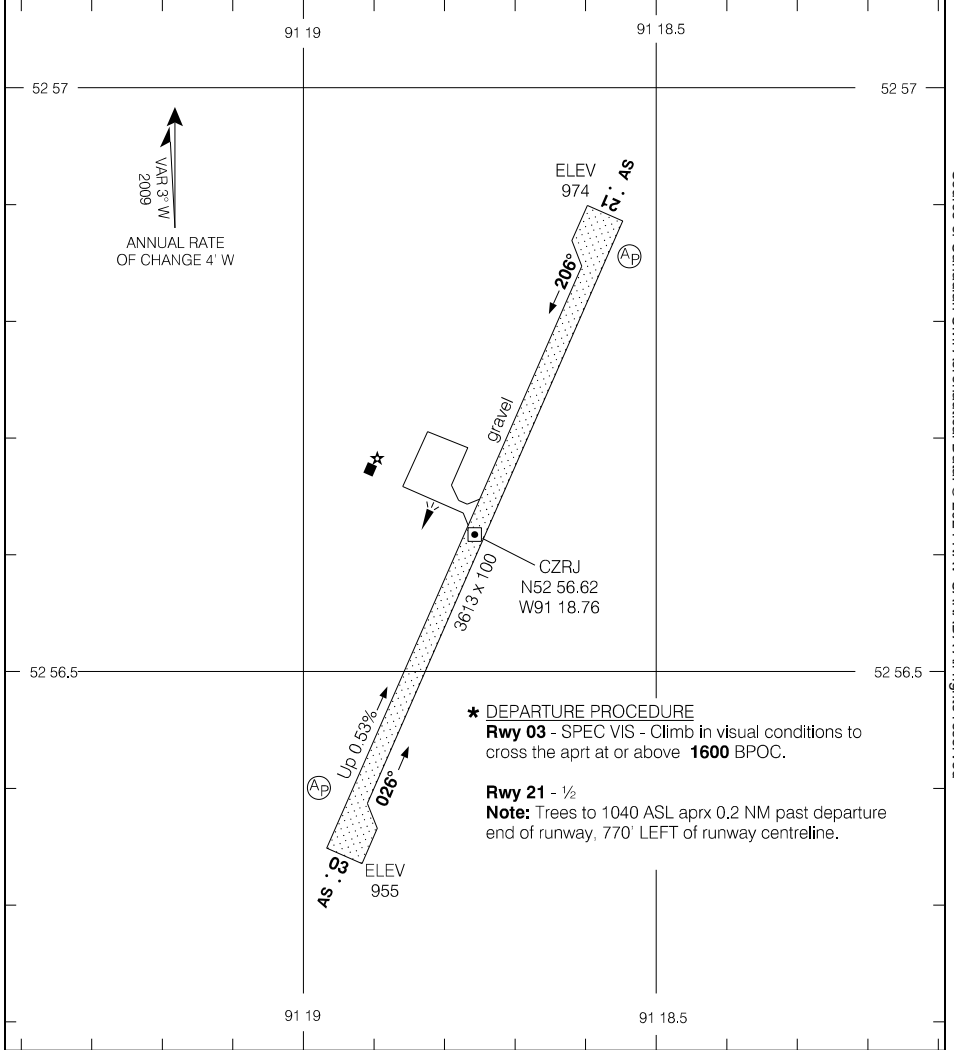
RASS: Use CZMD. When using CYTL add 120°.	CATEGORY	A	B	C	D
	LNAV	1580		(606)	1¼

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV (GNSS) RWY 21

AERODROME CHART

				TFC - 123.2		ATF	
DECL DIST	03	21					
TORA	3613	3613					
TODA	4597	4597					
ASDA	3613	3613					
LDA	3613	3613					



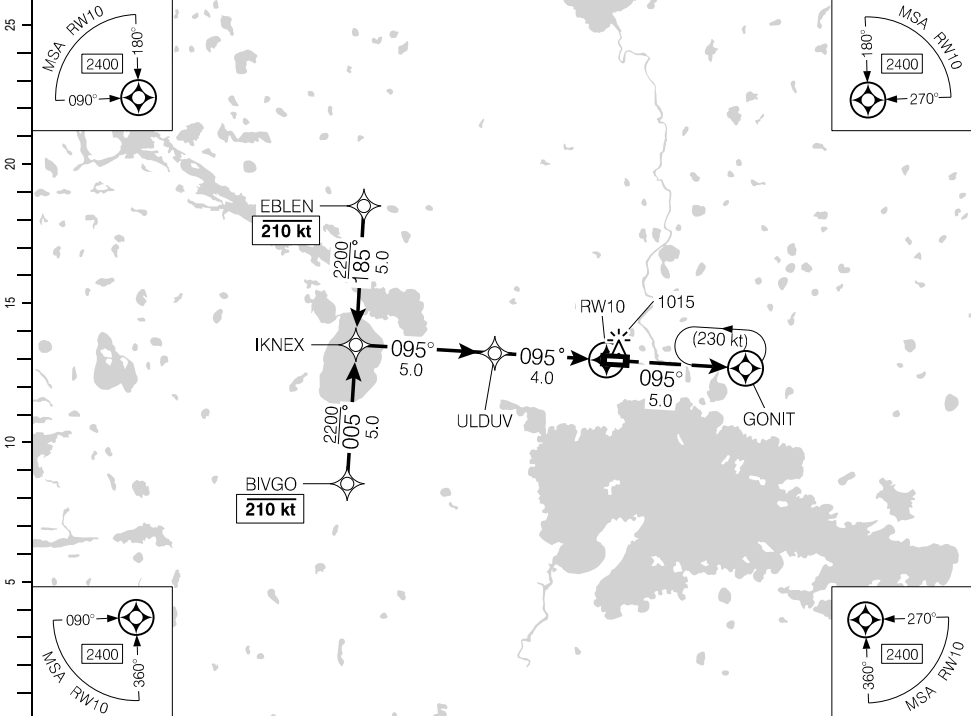
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 03; 21: *	1000 0 1000

RNAV (GNSS) RWY 10

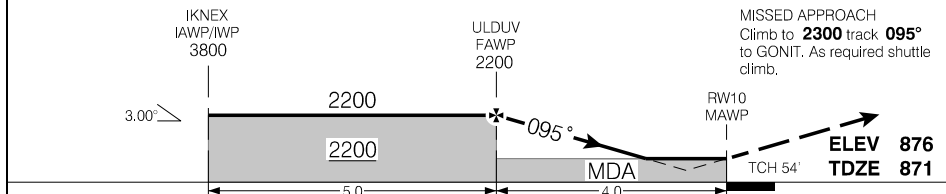
535328N 0921147W VAR 2°W

		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		WAAS Ch 80480 W10A		APCH CRS 095°		MIN ALT ULDUV 2200	
				LDA 3507			



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

			9	8	7	6	5	4.0	3	2	1.4	DIST FROM RWY10	
			3800	3470	3150	2830	2510	2200	1870	1560	1380	ALT (3.00° APCH PATH)	



RASS: Use CZMD. When using CZSJ add 80°.				CATEGORY	A	B	C	D
				LPV	1364	(500)	1%	NOT AUTHORIZED
				LNAV	1380	(516)	1½	NOT AUTHORIZED
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 10

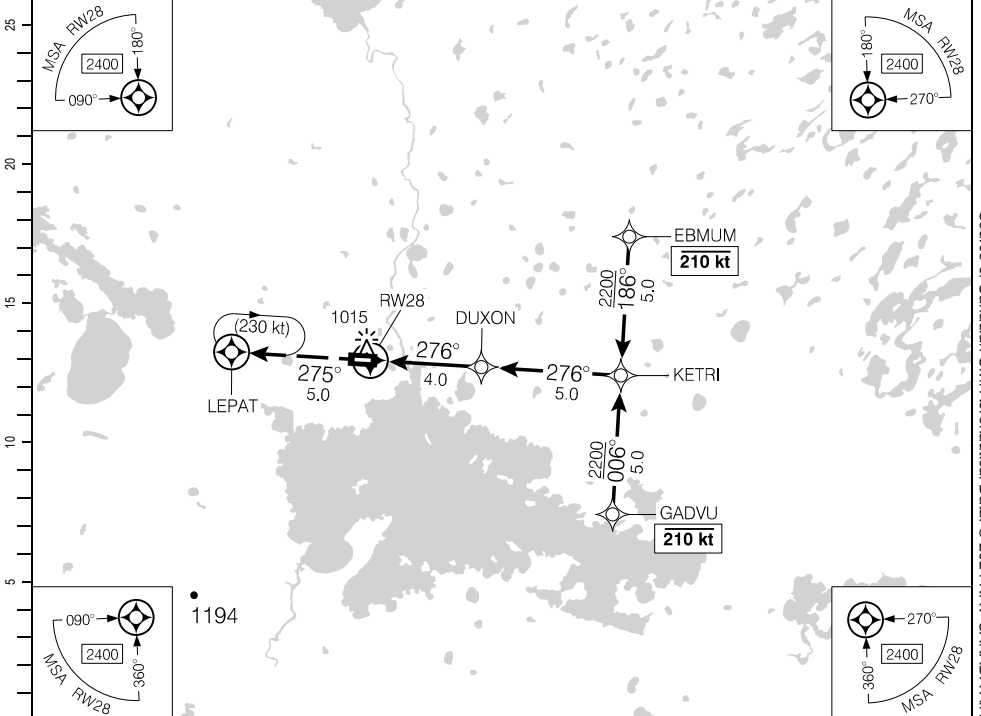
CZPB

EFF 21 MAR 24

RNAV (GNSS) RWY 28

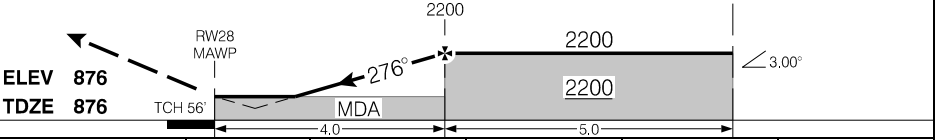
535328N 0921147W VAR 2°W

TFC - 123.2				ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		WAAS Ch 80481 W28A	APCH CRS 276°	MIN ALT DUXON 2200		LDA 3507	



(NM)	DIST FROM RW28	1.4	2	3	4.0	5	6	7	8	9		
	ALT (3.00° APCH PATH)	1380	1570	1880	2200	2520	2840	3160	3480	3800		

MISSED APPROACH
Climb to **2300** track **275°** to LEPAT.
As required shuttle climb.



RASS: Use CZMD. When using CZSJ add 80°.		CATEGORY	A	B	C	D
		LPV	1372	(500)	1¼	NOT AUTHORIZED
		LNAV	1380	(508)	1½	NOT AUTHORIZED
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 28

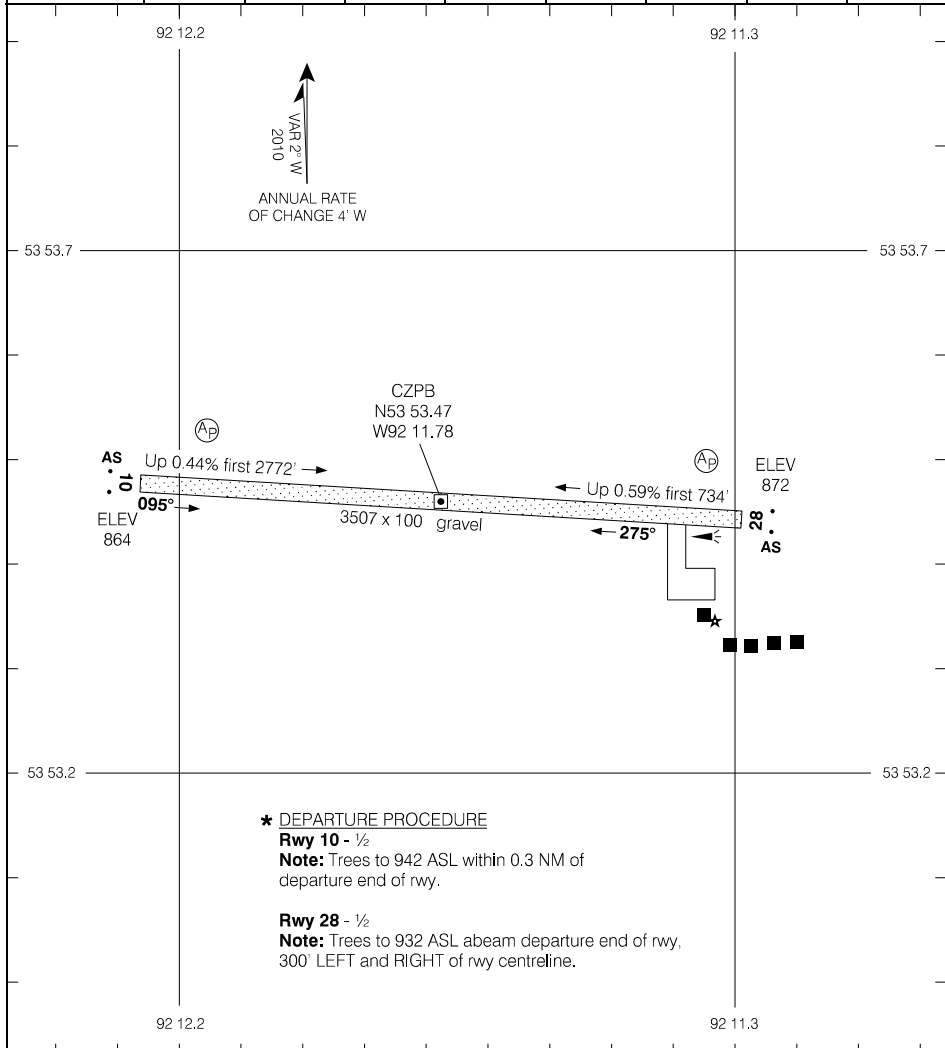
CZPB

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 123.2		ATF	
DECL DIST	10	28					
TORA	3507	3507					
TODA	3507	3507					
ASDA	3507	3507					
LDA	3507	3507					



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 10; 28: *	1000 0 1000

AERODROME CHART

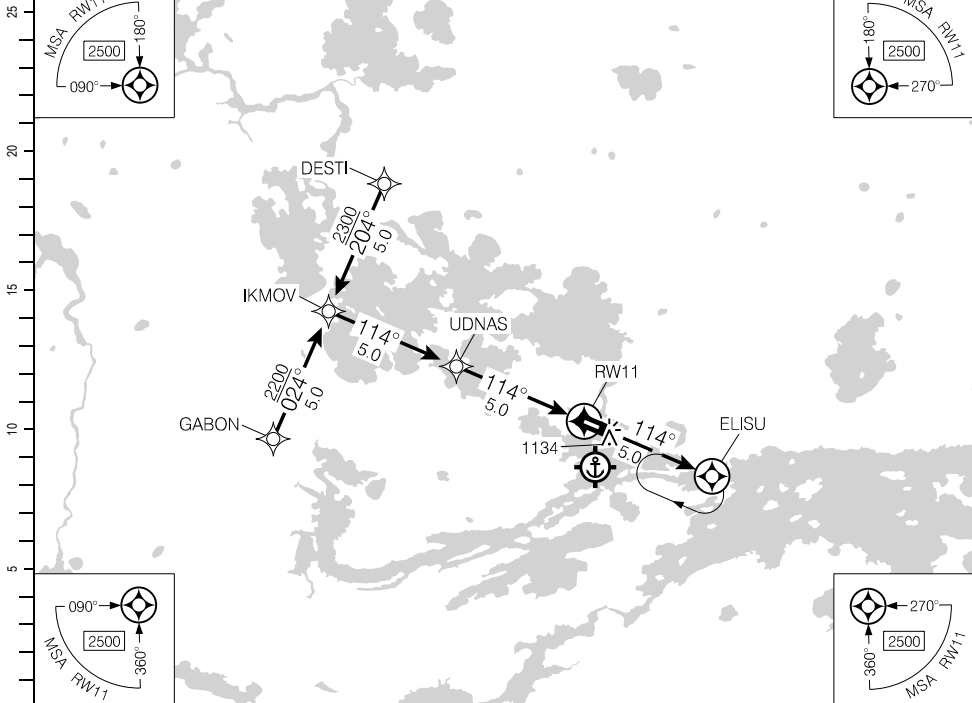
CZPB

EFF 21 MAR 24

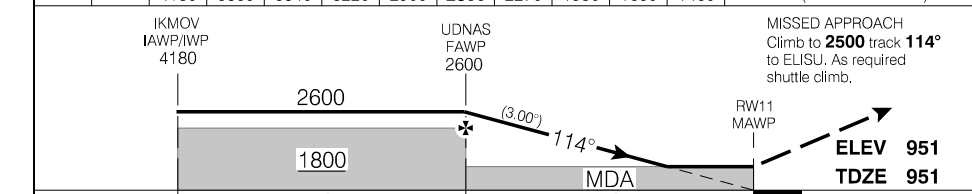
RNAV (GNSS) RWY 11

530351N 0932040W VAR 1°W

AWOS - 124.82	TFC - 122.8			ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 3000	RNAV	APCH CRS 114°	MIN ALT UDNAS 1800	LDA 3507	AS



(NM)						5.0	4	3	2	1.5	DIST FROM RW11	
		10	9	8	7	6	5.0	4	3	2	1.5	DIST FROM RW11
		4180	3860	3540	3220	2900	2600	2270	1950	1630	1460	ALT (3.00° APCH PATH)



RASS: When using CYIV add 180'.			CATEGORY	A	B	C	D
			LNAV	1460		(509)	1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 11

CZSJ

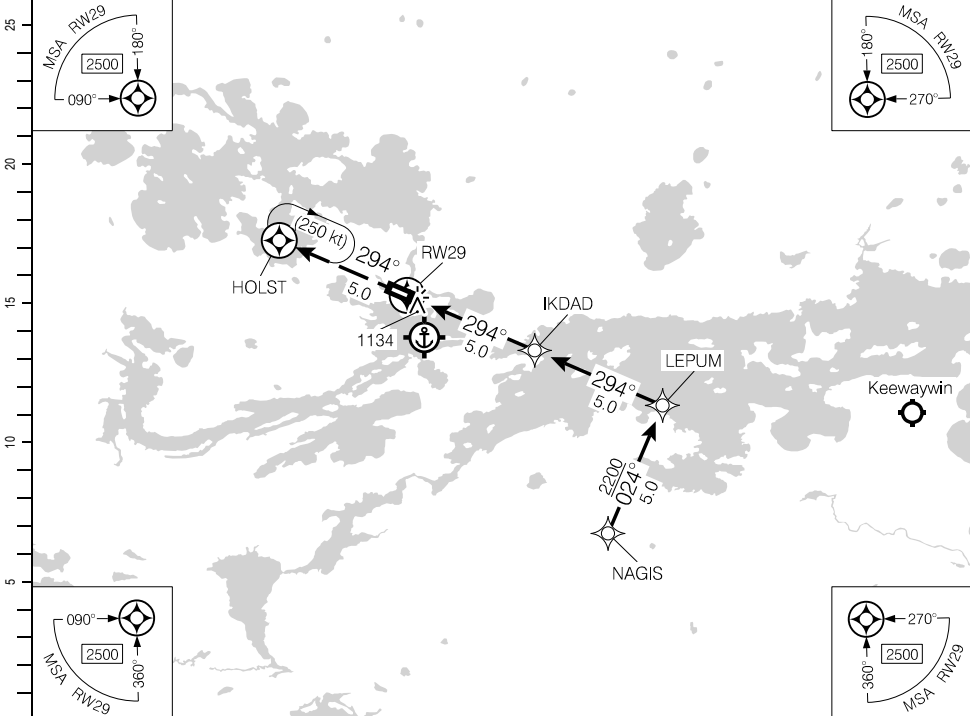
EFF 21 MAY 20

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

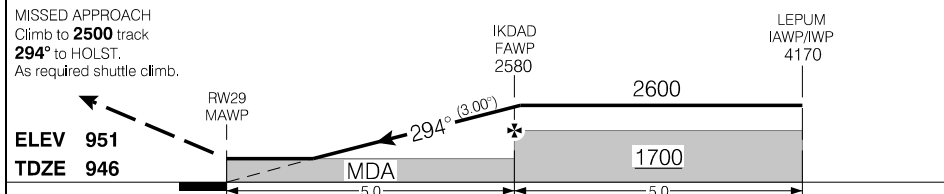
RNAV (GNSS) RWY 29

530351N 0932040W VAR 1°W

AWOS - 124.82	TFC - 122.8			ATF	ARCAL 122.8(K)
SAFE ALT 100 NM 3000	RNAV	APCH CRS 294°	MIN ALT IKDAD 1700	LDA 3507	AS



(NM)	DIST FROM RW29	1.5	2	3	4	5.1	6	7	8	9	10		
	ALT (3.00° APCH PATH)	1460	1620	1940	2260	2600	2890	3210	3530	3850	4170		



RASS: When using CYIV add 180'.

CATEGORY	A	B	C	D
RNAV	1460		(514)	1½

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

RNAV (GNSS) RWY 29

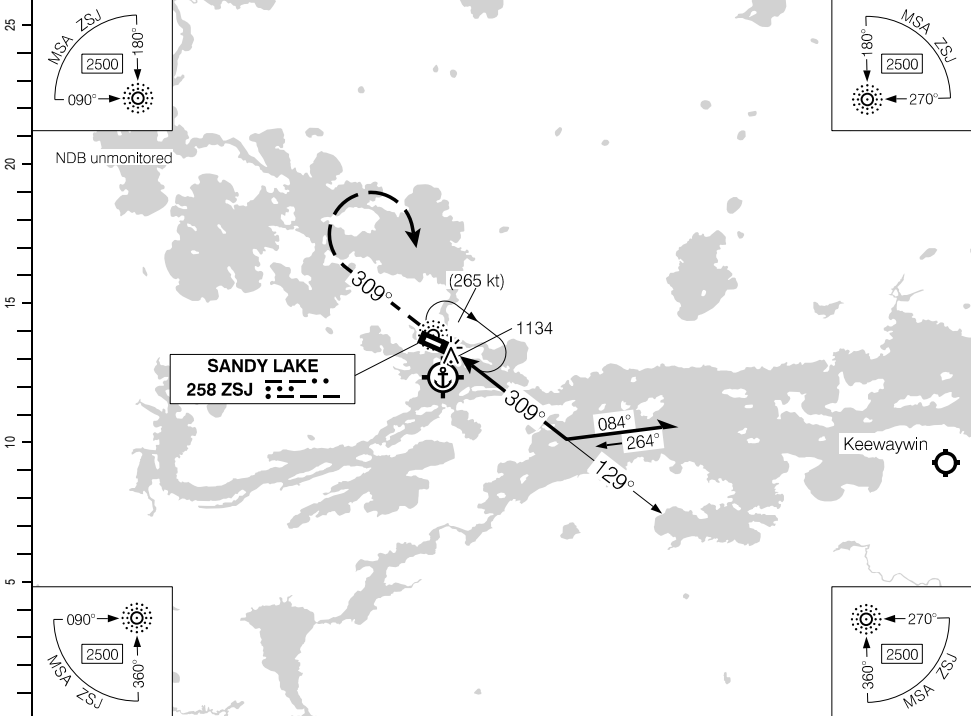
EFF 21 MAY 20

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

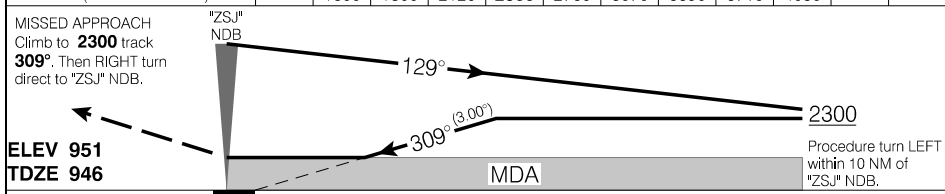
NDB RWY 29

530351N 0932040W VAR 1°W

AWOS – 124.82		TFC – 122.8		ARCAL 122.8(K)	
SAFE ALT 100 NM 3000		NDB ZSJ 258	APCH CRS 309°	LDA 3507	
		ATF		AS 14.6°	



DIST FROM "ZSJ" NDB	2.4	3	4	4.6	6	7	8	9	10		
ALT (3.00° APCH PATH)	1600	1800	2120	2300	2760	3070	3390	3710	4030		



RASS: When using CYIV add 180°.			CATEGORY	A	B	C	D
			NDB	1600	(654)		2
Knots			CIRCLING	1600	(649)		2
ft/min							
Min:Sec							
70							
90							
110							
130							
150							

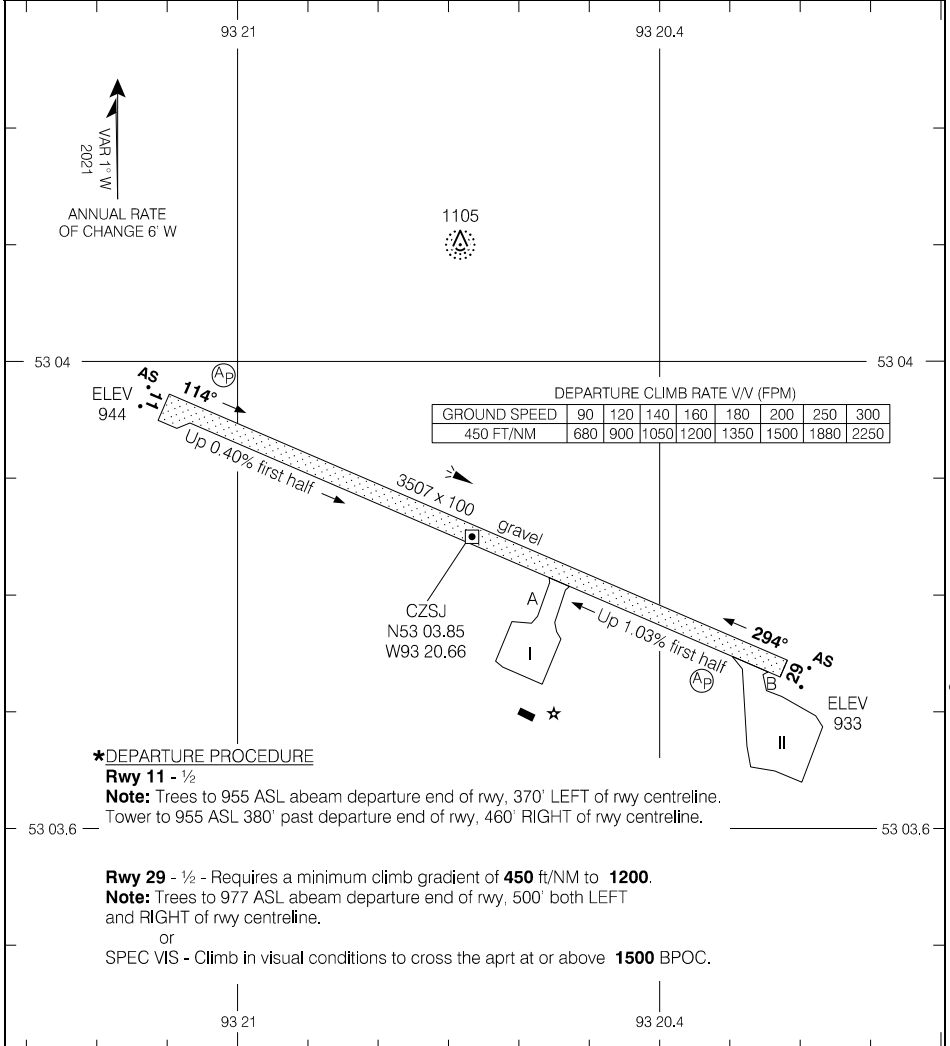
NDB RWY 29

CZSJ

EFF 7 OCT 21

AERODROME CHART

AWOS - 124.82				TFC - 122.8		ATF	
DECL	DISTS	11	29				
TORA		3507	3507				
TODA		3507	3507				
ASDA		3507	3507				
LDA		3507	3507				



***DEPARTURE PROCEDURE**

Rwy 11 - 1/2

Note: Trees to 955 ASL abeam departure end of rwy, 370' LEFT of rwy centreline.

Tower to 955 ASL 380' past departure end of rwy, 460' RIGHT of rwy centreline.

Rwy 29 - 1/2 - Requires a minimum climb gradient of **450 ft/NM to 1200**.

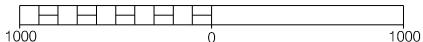
Note: Trees to 977 ASL abeam departure end of rwy, 500' both LEFT and RIGHT of rwy centreline.

or
SPEC VIS - Climb in visual conditions to cross the apt at or above **1500 BPOC**.

TAKE-OFF MINIMA

Rwys 11; 29: ★

SCALE IN FEET



AERODROME CHART

EFF 24 MAR 22

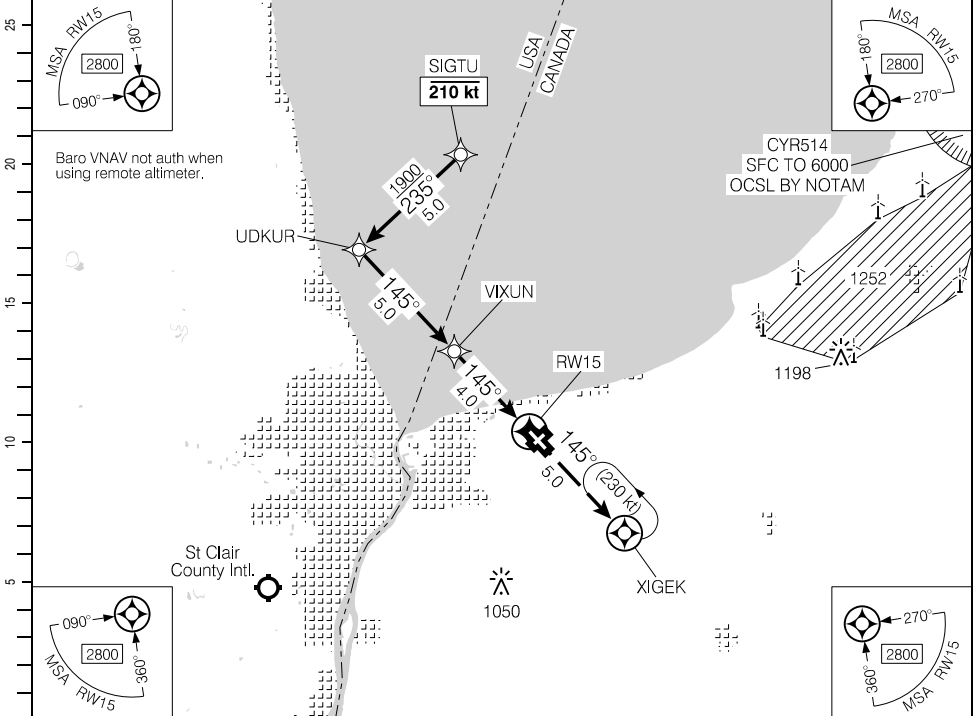
CZSJ

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

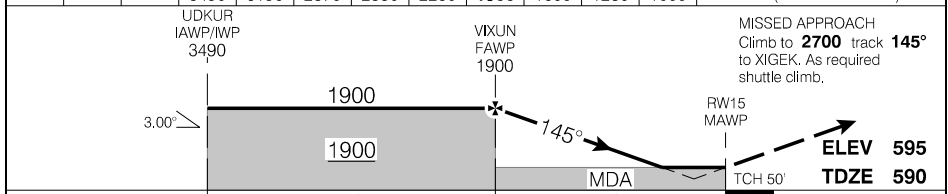
RNAV (GNSS) RWY 15

425959N 0821834W VAR 8°W

AWOS – 119.12	CTR Toronto – 134.37	TFC – 123.0			ARCAL 123.0(K)
SAFE ALT 100 NM 3200	WAAS Ch 80438 W15A	APCH CRS 145°	MIN ALT VIXUN 1900	LDA 5106	P_1 20'



(NM)	9	8	7	6	5	4.0	3	2	1.1	DIST FROM RWY15
	3490	3190	2870	2550	2230	1900	1600	1280	1000	ALT (3.00° APCH PATH)



RASS: When using CYXU add 160'.			CATEGORY	A	B	C	D
			LPV	840	(250)		1
			LNAV/VNAV (min. -19°C, max. 54°C)	913	(323)		1
			LNAV	1000	(410)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 15

CYZR

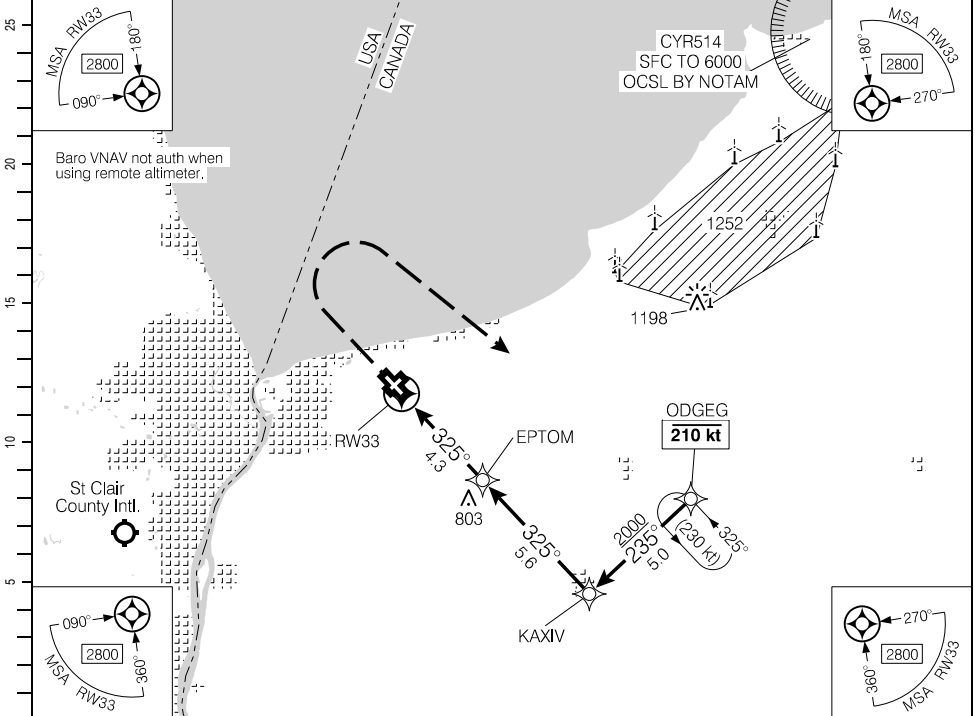
EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

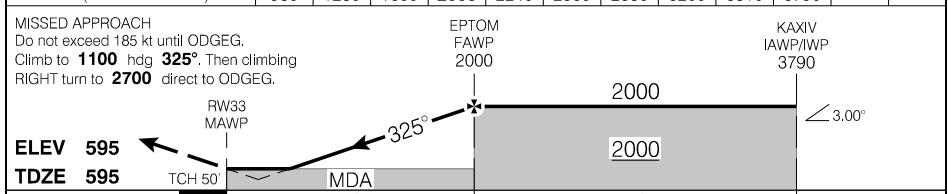
RNAV (GNSS) RWY 33

425959N 0821834W VAR 8°W

AWOS – 119.12		CTR Toronto – 134.37		TFC – 123.0		ATF		ARCAL 123.0(K)	
SAFE ALT 100 NM 3200		WAAS Ch 80439 W33A		APCH CRS 325°		MIN ALT EPTOM 2000		LDA 5106	



(NM)	DIST FROM RW33	1.1	2	3	4.3	5	6	7	8	9	9.9		
	ALT (3.00° APCH PATH)	980	1280	1600	2000	2240	2560	2880	3200	3510	3790		



RASS: When using CYXU add 160'.			CATEGORY	A	B	C	D
			LPV	845	(250)		1
			RNAV/VNAV (min. -19°C, max. 54°C)	867	(272)		1
			RNAV	980	(385)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 33

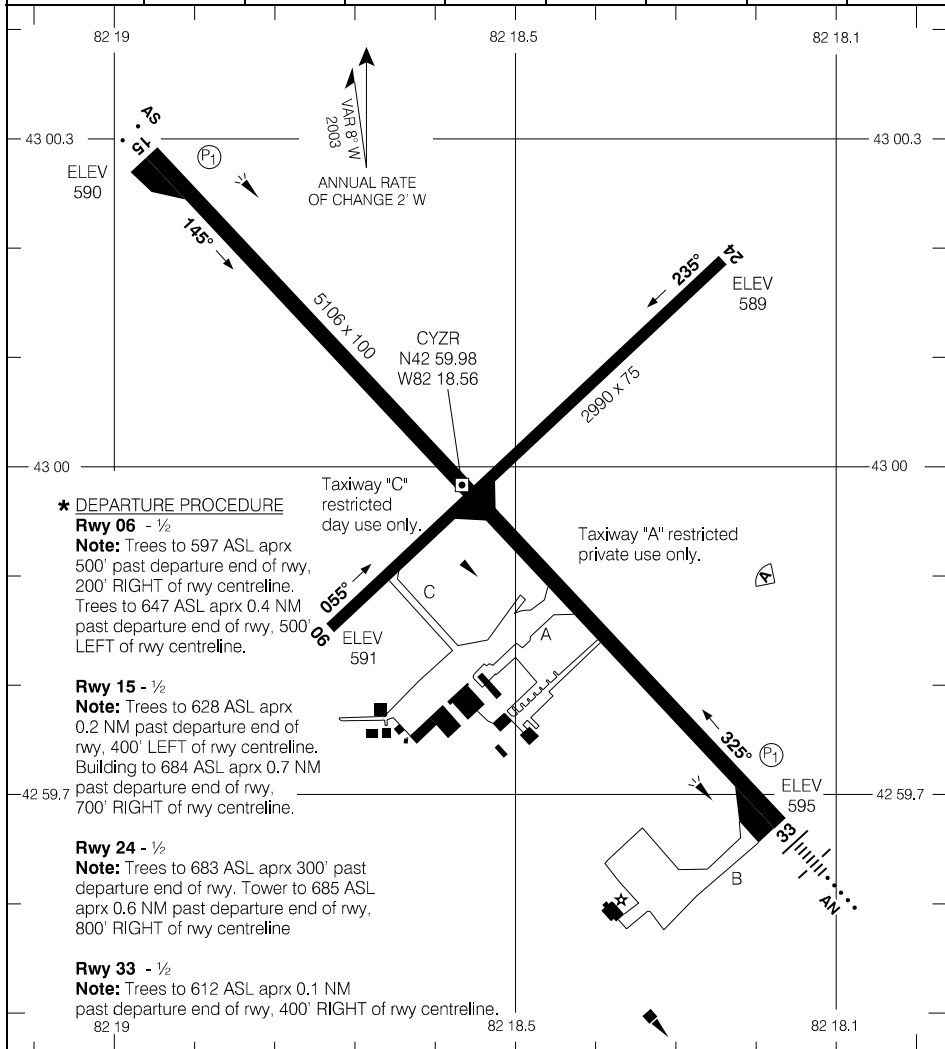
CYZR

EFF 21 MAR 24

AERODROME CHART

AWOS - 119.12				TFC - 123.0		CTR Toronto - 134.37	
						ATF	

DECL	DISTS	06	24	15	33		
TORA		2990	2990	5106	5106		
TODA		3482	3289	6090	5811		
ASDA		2990	2990	5106	5106		
LDA		2990	2990	5106	5106		



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

*** DEPARTURE PROCEDURE**

Rwy 06 - 1/2

Note: Trees to 597 ASL aprx 500' past departure end of rwy, 200' RIGHT of rwy centreline.
Trees to 647 ASL aprx 0.4 NM past departure end of rwy, 500' LEFT of rwy centreline.

Rwy 15 - 1/2

Note: Trees to 628 ASL aprx 0.2 NM past departure end of rwy, 400' LEFT of rwy centreline.
Building to 684 ASL aprx 0.7 NM past departure end of rwy, 700' RIGHT of rwy centreline.

Rwy 24 - 1/2

Note: Trees to 683 ASL aprx 300' past departure end of rwy. Tower to 685 ASL aprx 0.6 NM past departure end of rwy, 800' RIGHT of rwy centreline

Rwy 33 - 1/2

Note: Trees to 612 ASL aprx 0.1 NM past departure end of rwy, 400' RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 06; 15; 24; 33: *

SCALE IN FEET



AERODROME CHART

EFF 21 MAR 24

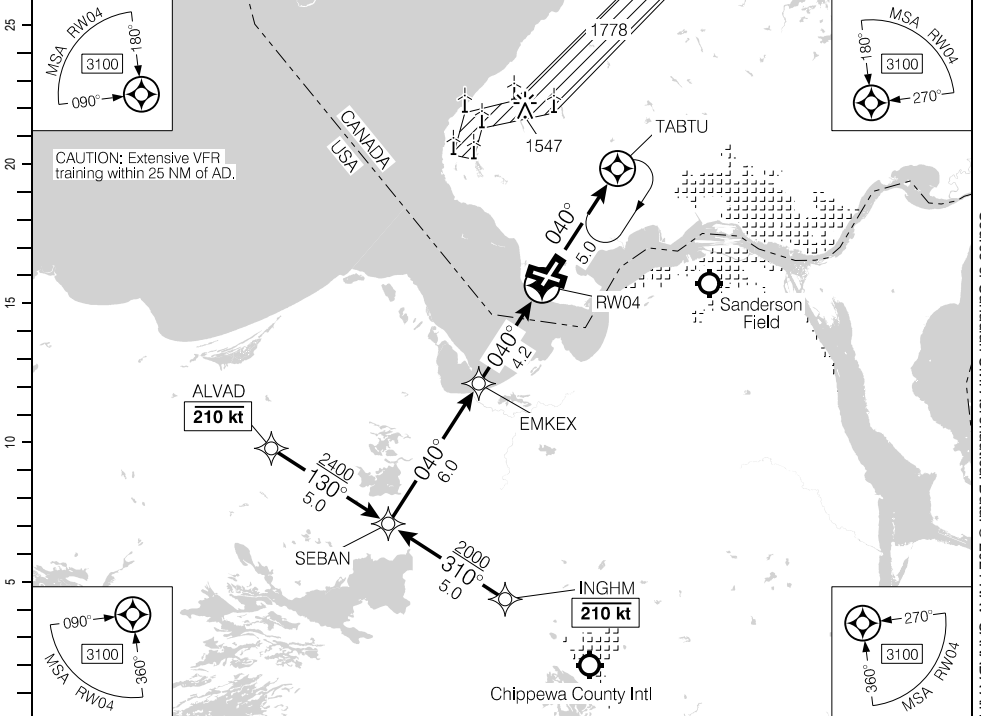
CYZR

RNAV (GNSS) RWY 04

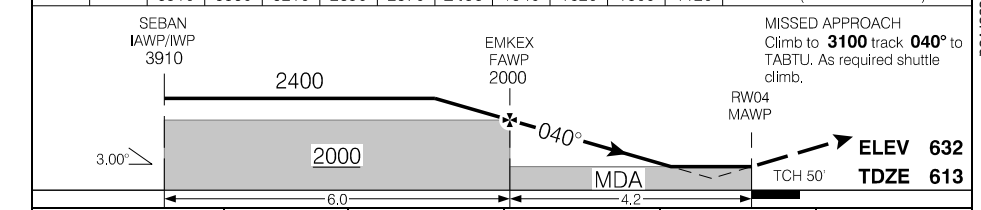
462906N 0843034W VAR 7°W

CYAM

ATIS - 133.05 CTR Toronto - 132.65 344.5		TWR - 118.8 TFC - 118.8		GND - 121.7 MUF		ARCAL 118.8(K)*	
SAFE ALT 100 NM 3500		WAAS Ch 80322 W04A		APCH CRS 040°		MIN ALT EMKEX 2000	
				LDA 6000		P2 AO ...	



(NM)	10.2	9	8	7	6	5.5	4	3	2	1.4	DIST FROM RWY04	
	3910	3530	3210	2890	2570	2400	1940	1620	1300	1120	ALT (3.00° APCH PATH)	



			CATEGORY	A	B	C	D
			LPV	1113	(500)	1¼	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -20°C, max. 54°C)	1113	(500)	1¼	
70	370		LNAV	1120	(507)	1½	
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 04

CYAM

EFF 10 AUG 23

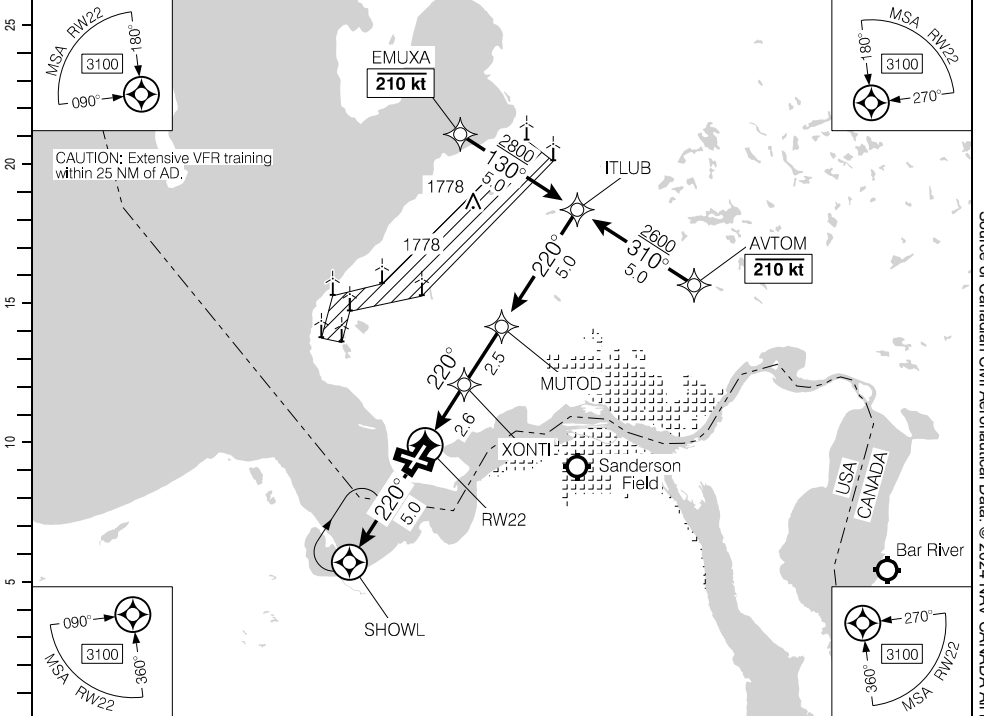
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 22

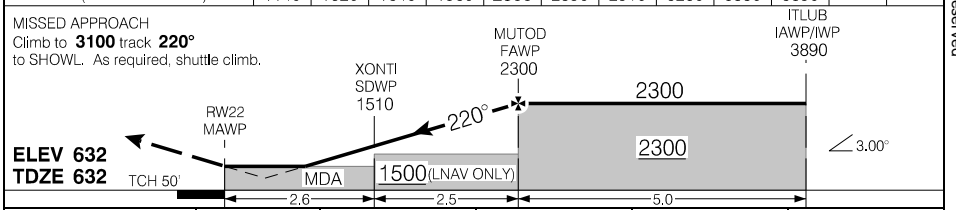
462906N 0843034W VAR 7°W

CYAM

ATIS – 133.05 SAFE ALT 100 NM 3500	CTR Toronto – 132.65 344.5 WAAS Ch 80320 W22A	TWR – 118.8 TFC – 118.8 MF	GND – 121.7 LDA 6000	ARCAL 118.8(K)* AO
---	--	----------------------------------	-----------------------------------	-----------------------



DIST FROM RW22	1.4	2	3	4	5.1	6	7	8	9	10.1		
ALT (3.00° APCH PATH)	1140	1320	1640	1960	2300	2590	2910	3230	3550	3890		



			CATEGORY	A	B	C	D
			LPV	1132	(500)		1¼
			LNAV/VNAV (min. -20°C, max. 54°C)	1132	(500)		1¼
			LNAV	1140	(508)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 22

CYAM

EFF 10 AUG 23

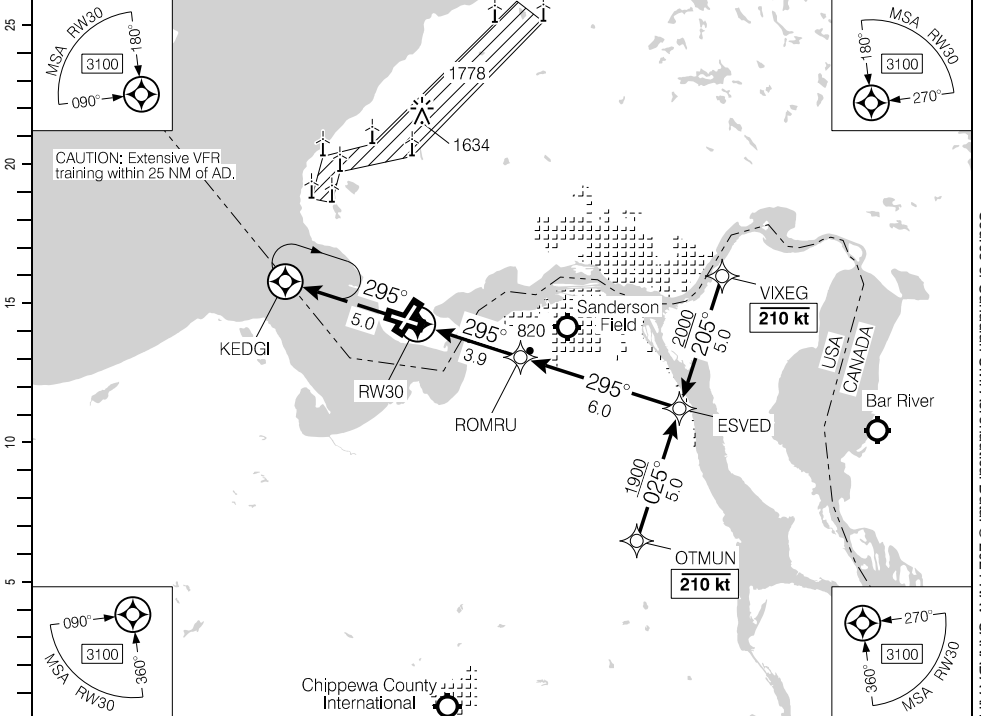
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 30

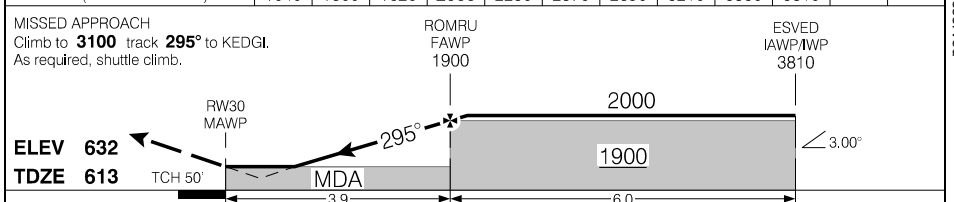
462906N 0843034W VAR 7°W

CYAM

ATIS – 133.05 SAFE ALT 100 NM 3500	CTR Toronto – 132.65 344.5 WAAS Ch 80321 W30A	TWR – 118.8 TFC – 118.8 MF	GND – 121.7	ARCAL 118.8(K)* P1 AO ...
--	--	--	--------------------	------------------------------------



(NM)	DIST FROM RW30	1.2	2	3	4.2	5	6	7	8	9	9.9		
	ALT (3.00° APCH PATH)	1040	1300	1620	2000	2250	2570	2890	3210	3530	3810		



		ROMRU FAWP 1900	2000		ESVED IAWP/IWP 3810	
		3.9	6.0			
		CATEGORY	A	B	C	D
		LPV	864	(252)		1
		LNAV/VNAV (min. -20°C, max. 54°C)	1065	(453)		1½
		LNAV	1040	(428)		1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 30

CYAM

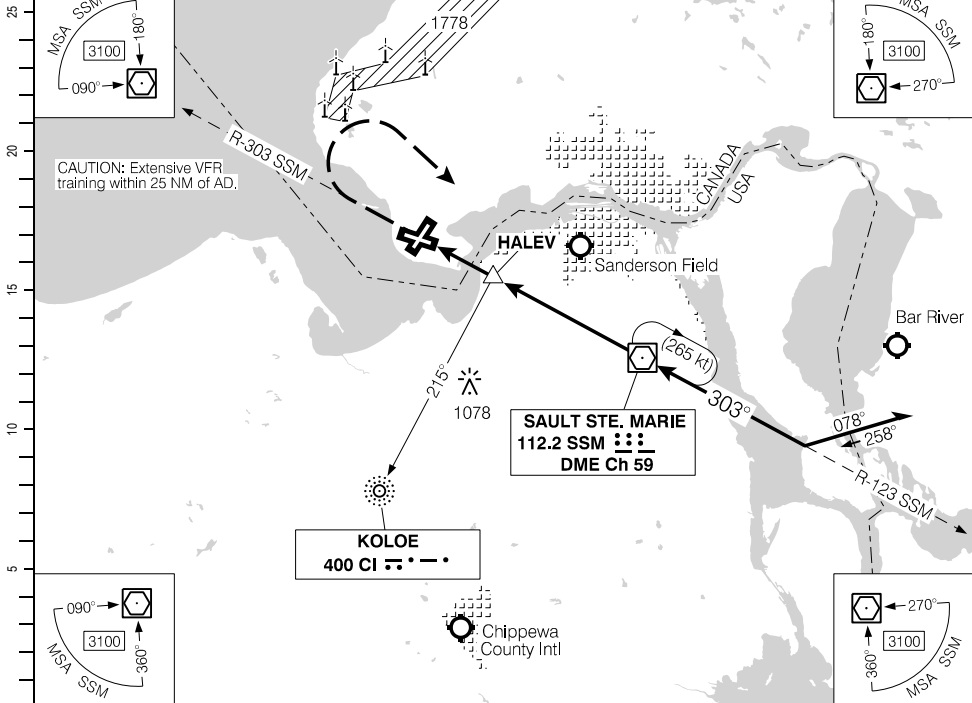
EFF 10 AUG 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

VOR RWY 30

462906N 0843034W VAR 4°W

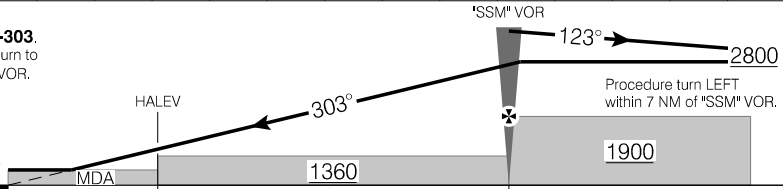
ATIS - 133.05 SAFE ALT 100 NM 3500	CTR Toronto - 132.65 344.5 VOR SSM 112.2	TWR - 118.8 TFC - 118.8 MF	GND - 121.7 LDA 6000	ARCAL 118.8(K) 10.6°
---	---	----------------------------------	-----------------------------------	-------------------------



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MISSED APPROACH
 Climb to **2400** on **R-303**.
 Then climbing RIGHT turn to
2800 direct to "SSM" VOR.

ELEV 632
TDZE 613



CATEGORY VOR/NDB	A	B	C	D
	1040		(427)	1¼
"SSM" VOR to MAP 8.7 NM				
Knots	ft/min	Min:Sec		
70		7:27		
90		5:48		
110		4:45		
130		4:01		
150		3:29		

VOR RWY 30

CYAM

EFF 10 AUG 23

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **4000**. Expect radar vectors to filed/assigned route.

Rwy 04: Climb hdg **040°** for vectors. NO LEFT turn below **1700**.

Rwy 12: Climb hdg **115°** for vectors.

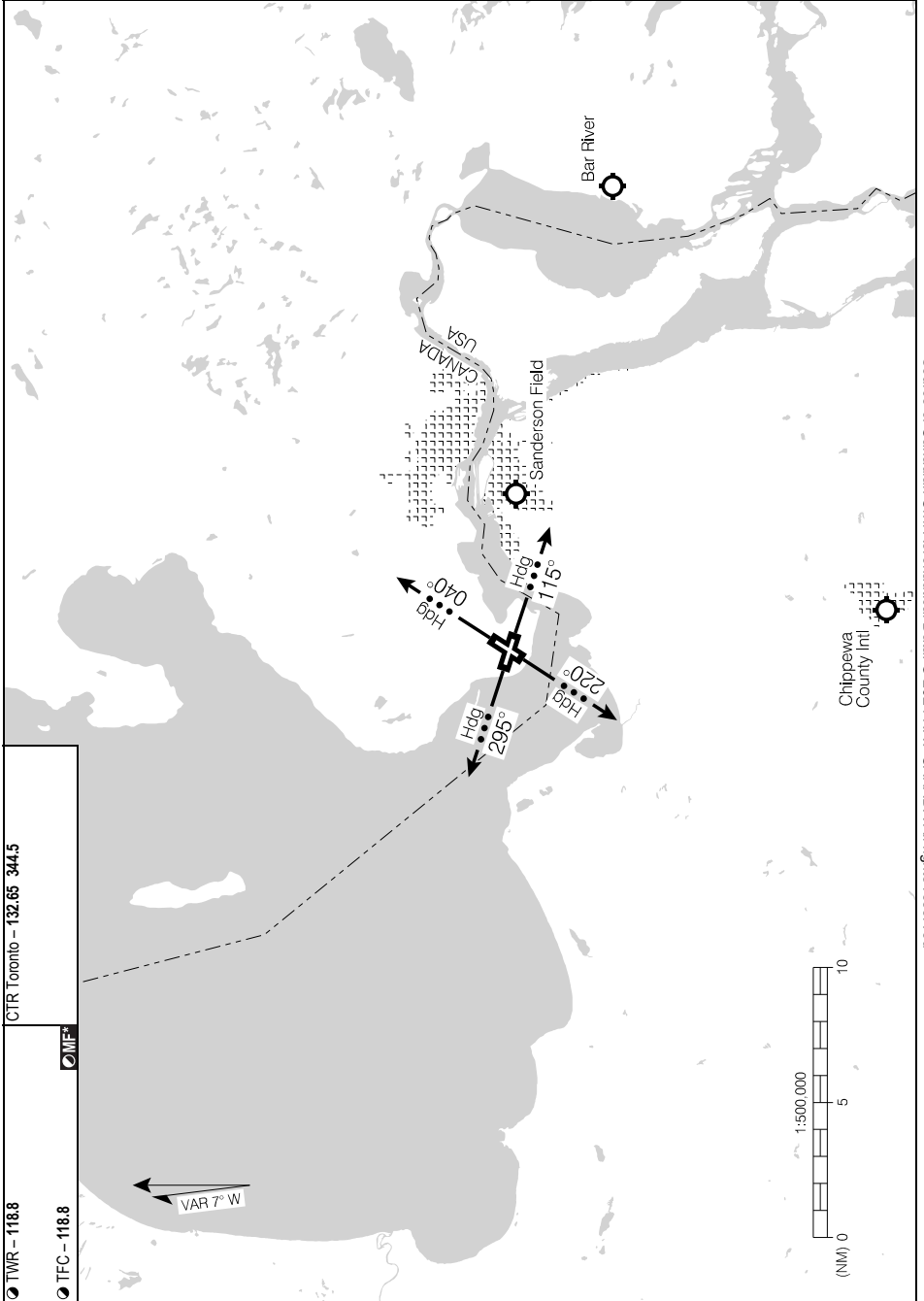
Rwy 22: Climb hdg **220°** for vectors.

Rwy 30: Climb hdg **295°** for vectors. NO RIGHT turn below **1300**.

Communication Failure

On recognition of a failure 10 minutes or less after take-off in IFR weather conditions proceed as follows:

1. Select transponder 7600;
2. When at or above **4000** proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of communication failure (10 minutes non transponder equipped aircraft), then;
4. Climb to flight planned altitude.

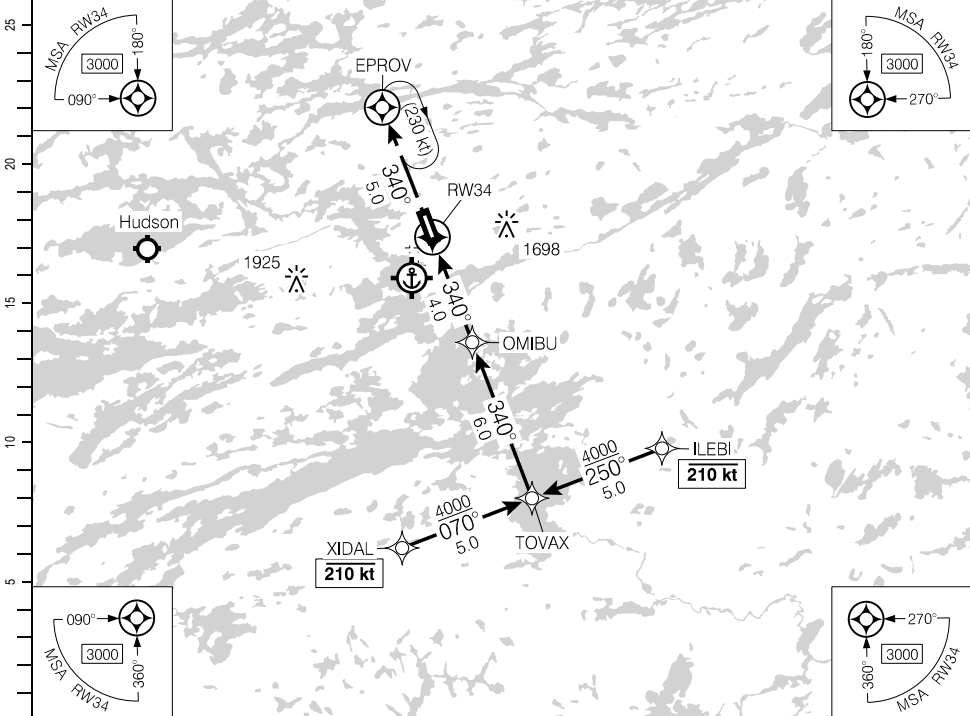


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

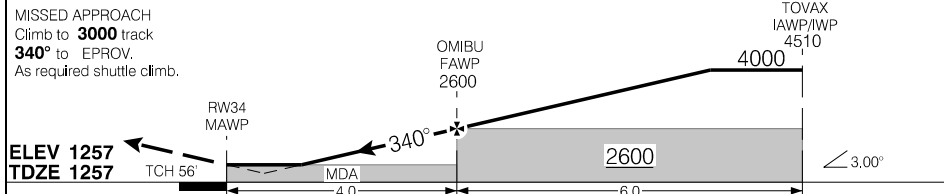
RNAV (GNSS) RWY 34

500649N 0915420W VAR 1°W

ATIS – 124.75		CTR Winnipeg – 132.2		RADIO – 122.0				P2 2 ·	
SAFE ALT 100 NM 3100		WAAS Ch 80101 W34A		APCH CRS 340°		MIN ALT OMIBU 2600			LDA 5300



(NM)	DIST FROM RW34	1.3	2	3	4	5	6	7	8.4	9	10		
	ALT (3.00° APCH PATH)	1720	1950	2270	2590	2910	3220	3540	4000	4180	4510		



			CATEGORY	A	B	C	D
			LPV	1507	(250)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1628	(371)		1¼
			LNAV	1720	(463)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 34

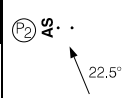
CYXL

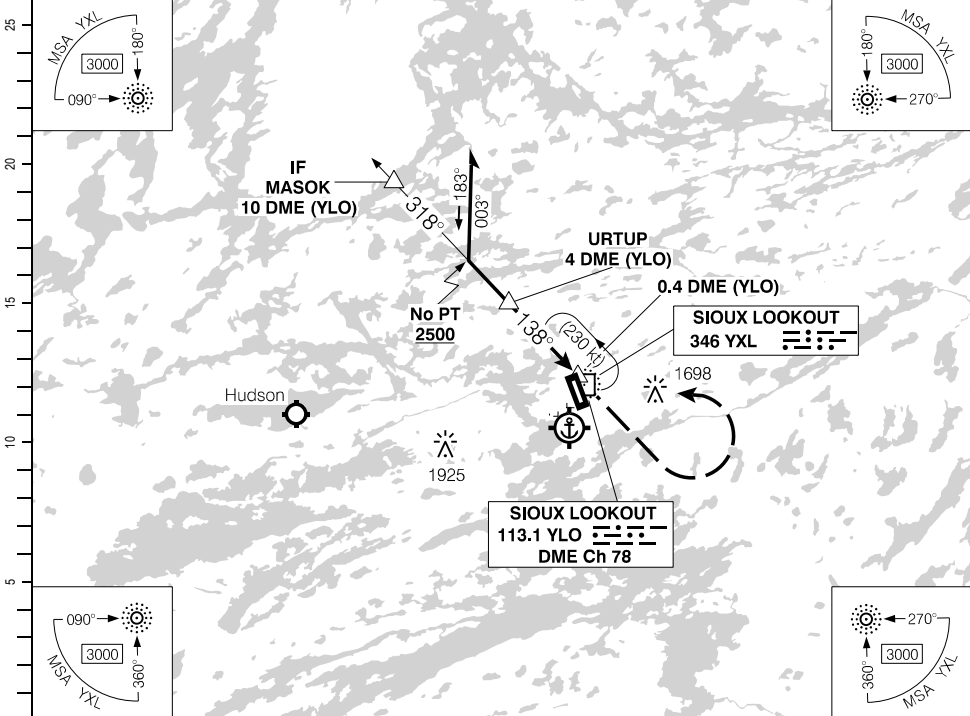
EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NDB/DME RWY 16

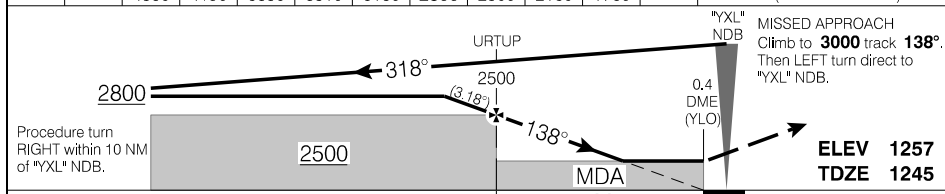
500649N 0915420W VAR 1°W

ATIS - 124.75		CTR Winnipeg - 132.2		RADIO - 122.0		
SAFE ALT 100 NM 3100		NDB YXL 346	APCH CRS 138°	MIN ALT URTUP 2500	LDA 5002	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	4.9	4	3	1.8	DIST FROM DME (YLO)
	4530	4190	3850	3510	3180	2800	2500	2160	1760	ALT (3.18" APCH PATH)



		CATEGORY	A	B	C	D
		NDB/DME	1760		(515)	1½
Knots	ft/min	Min:Sec				
70	390					
90	510					
110	620					
130	730					
150	840					


NDB/DME RWY 16

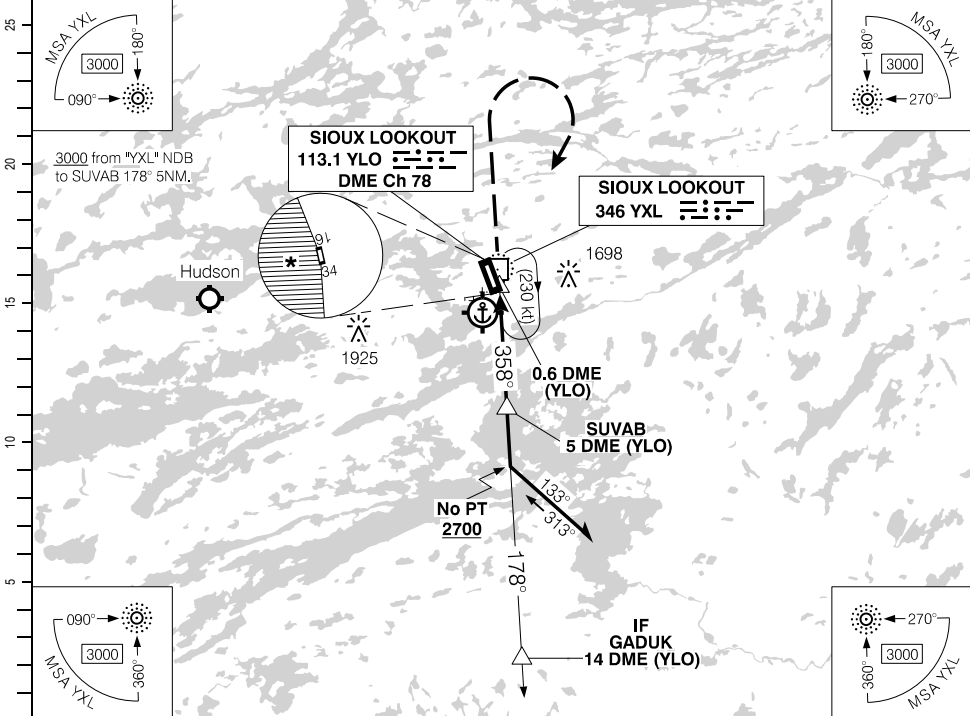
CYXL

EFF 30 NOV 23

NDB/DME RWY 34

500649N 0915420W VAR 1°W

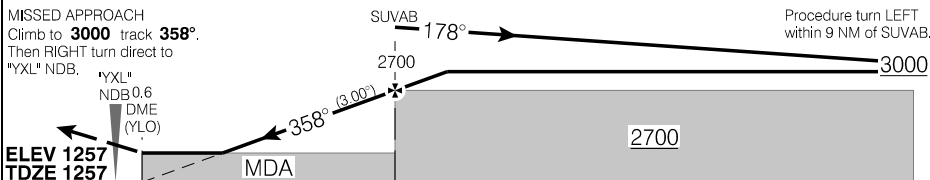
ATIS – 124.75		CTR Winnipeg – 132.2		RADIO – 122.0			
SAFE ALT 100 NM 3100		NDB YXL 346	APCH CRS 358°	MIN ALT SUVAB 2700	LDA 5300		




DIST FROM DME (YLO)	2.0	3	4	5	5.9	7	8	9	10	11	12	13	14
ALT (3.00° APCH PATH)	1740	2070	2380	2700	3000	3340	3660	3980	4290	4610	4930	5250	5570

MISSED APPROACH
Climb to **3000** track **358°**.
Then RIGHT turn direct to
"YXL" NDB.

Procedure turn LEFT
within 9 NM of SUVAB.



			CATEGORY	A	B	C	D
			NDB/DME	1740	(483)	1½	
			 CIRCLING	1760	(503)	1½	* 2040 (783) 2¼ * 2040 (783) 2½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

NDB/DME RWY 34

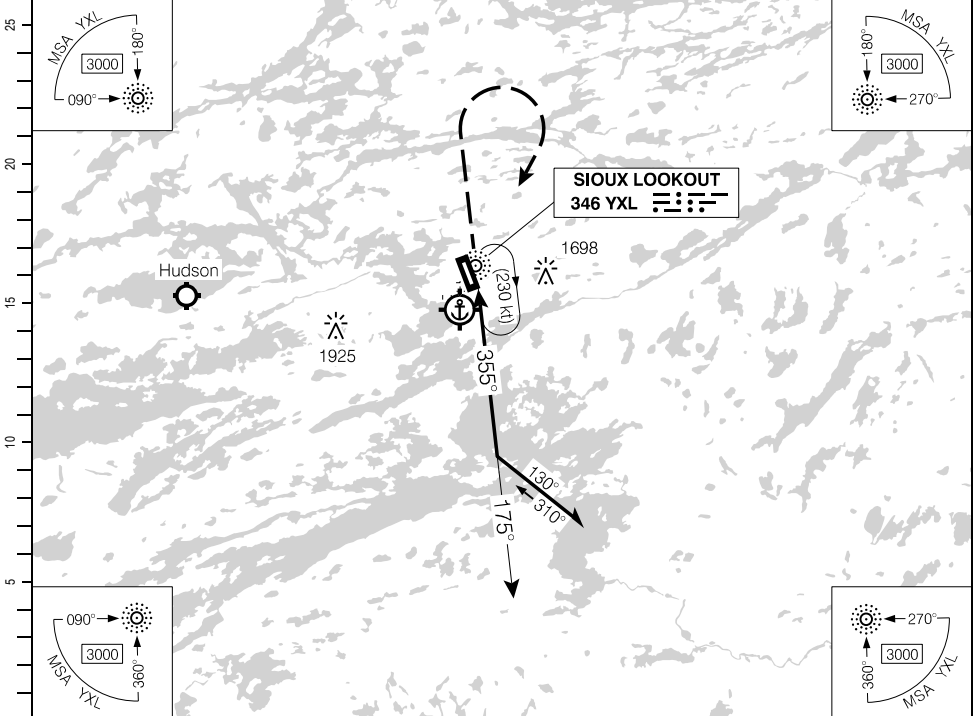
CYXL

EFF 30 NOV 23

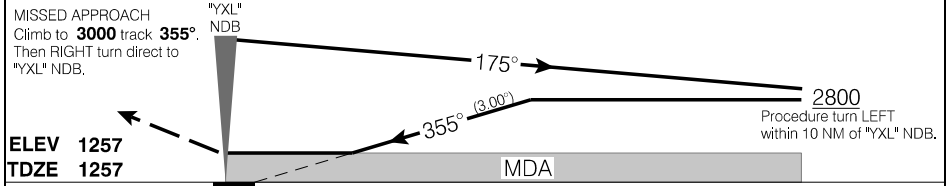
NDB RWY 34

500649N 0915420W VAR 1°W

ATIS – 124.75		CTR Winnipeg – 132.2		RADIO – 122.0		MF		P2 42 15.4°	
SAFE ALT 100 NM 3100		NDB YXL 346	APCH CRS 355°		LDA 5300				



(NM)	DIST FROM "YXL" NDB	2.2	3	4	5.3	6	7	8	9	10		
	ALT (3.00° APCH PATH)	1800	2060	2380	2800	3010	3330	3650	3970	4290		



		CATEGORY	A	B	C	D
		NDB	1800		(543)	1¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

NDB RWY 34

CYXL

EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

Departure Route Description

Rwy 16: Requires a minimum climb gradient of **500 ft/NM** to **1800**. Climb track **160°** to cross AVRAM at or above **1800**, then proceed via assigned transition. Maintain **5000** or flight planned altitude, whichever is lower. Expect on course when RADAR identified.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
500 FT/NM	750	1000	1170	1340	1500	1670	2090	2500

TASKO TRANSITION: Do not exceed 220 kt until ROSNU. At AVRAM, climbing LEFT turn direct to ROSNU. Then climbing LEFT turn track **359°** to TASKO to the assigned route.

AGNIG TRANSITION: At AVRAM, climbing LEFT turn direct to AGNIG to the assigned route.

PURIK TRANSITION: At AVRAM, climb direct to PURIK to the assigned route.

SEKEN TRANSITION: At AVRAM, climbing RIGHT turn direct to SEKEN to the assigned route.

TULIV TRANSITION: Do not exceed 220 kt until BOMIL. At AVRAM, climbing RIGHT turn direct to BOMIL. Then climbing RIGHT turn track **321°** to TULIV to the assigned route.

Communication Failure

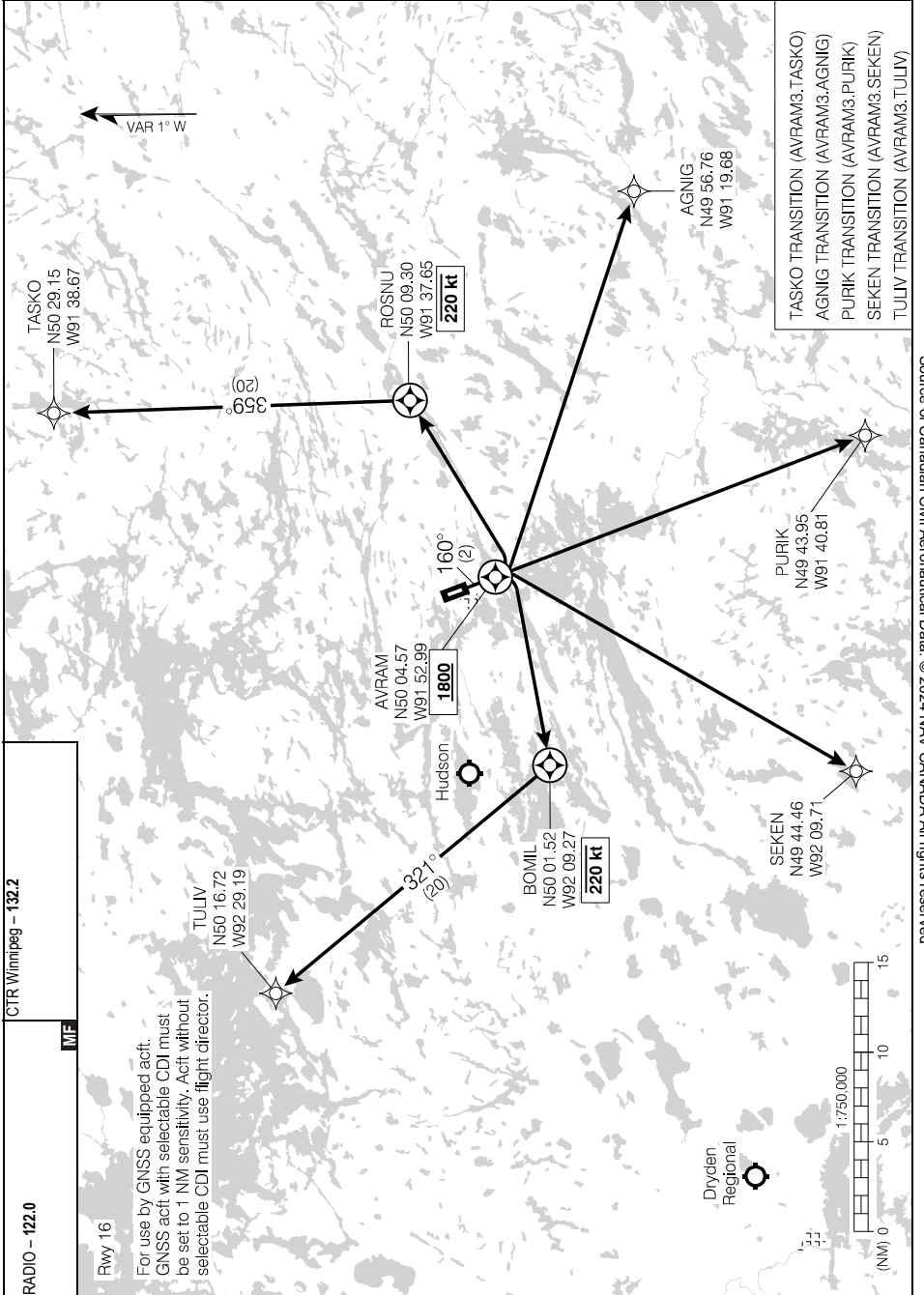
On recognition of failure 10 minutes or less after take-off and in IFR weather conditions, proceed as follows:

1. Select transponder code 7600.
2. Maintain last assigned altitude until assigned transition waypoint.
3. Upon reaching assigned transition waypoint, proceed directly on course.
4. Climb to flight planned altitude.

NOTE: If communication failure occurs more than 10 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

SID (RNAV) AVRAM THREE DEP (AVRAM3.)

SIoux LOOKOUT, ON
CYXL



TASKO TRANSITION (AVRAM3.TASKO)
 AGNIG TRANSITION (AVRAM3.AGNIG)
 PURIK TRANSITION (AVRAM3.PURIK)
 SEKEN TRANSITION (AVRAM3.SEKEN)
 TULIV TRANSITION (AVRAM3.TULIV)

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AVRAM THREE DEP (AVRAM3.)

CYXL

EFF 3 NOV 22

Departure Route Description

Rwy 34: Requires a minimum climb gradient of **500 ft/NM** to **1800**. Climb track **340°** to cross PELKA at or above **1800**, then proceed via assigned transition. Maintain **5000** or flight planned altitude, whichever is lower. Expect on course when RADAR identified.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
500 FT/NM	750	1000	1170	1340	1500	1670	2090	2500

SEKEN TRANSITION: Do not exceed 220 kt until ELOTI. At PELKA, climbing LEFT turn direct to ELOTI. Then climbing LEFT turn track **179°** to SEKEN to the assigned route.

TULIV TRANSITION: At PELKA, climbing LEFT turn direct to TULIV to the assigned route.

RESIR TRANSITION: At PELKA, climb direct to RESIR to the assigned route.

TASKO TRANSITION: At PELKA, climbing RIGHT turn direct to TASKO to the assigned route.

AGNIG TRANSITION: Do not exceed 220 kt until DASEP. At PELKA, climbing RIGHT turn direct to DASEP. Then climbing RIGHT turn track **142°** to AGNIG to the assigned route.

Communication Failure

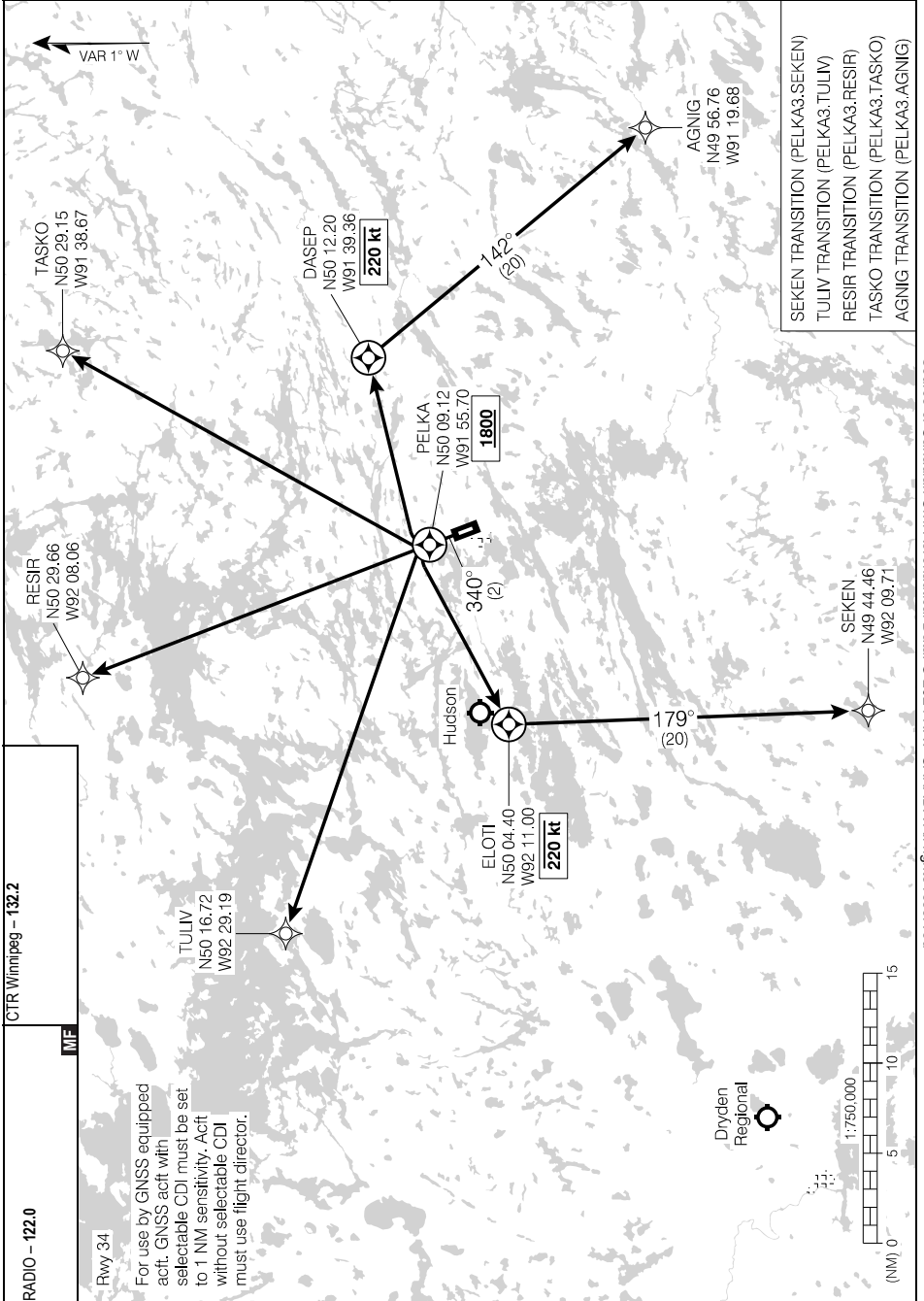
On recognition of failure 10 minutes or less after take-off and in IFR weather conditions, proceed as follows:

1. Select transponder code 7600.
2. Maintain last assigned altitude until assigned transition waypoint.
3. Upon reaching assigned transition waypoint, proceed directly on course.
4. Climb to flight planned altitude.

NOTE: If communication failure occurs more than 10 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

SID (RNAV)
PELKA THREE DEP (PELKA3.)

SIoux LOOKOUT, ON
CYXL



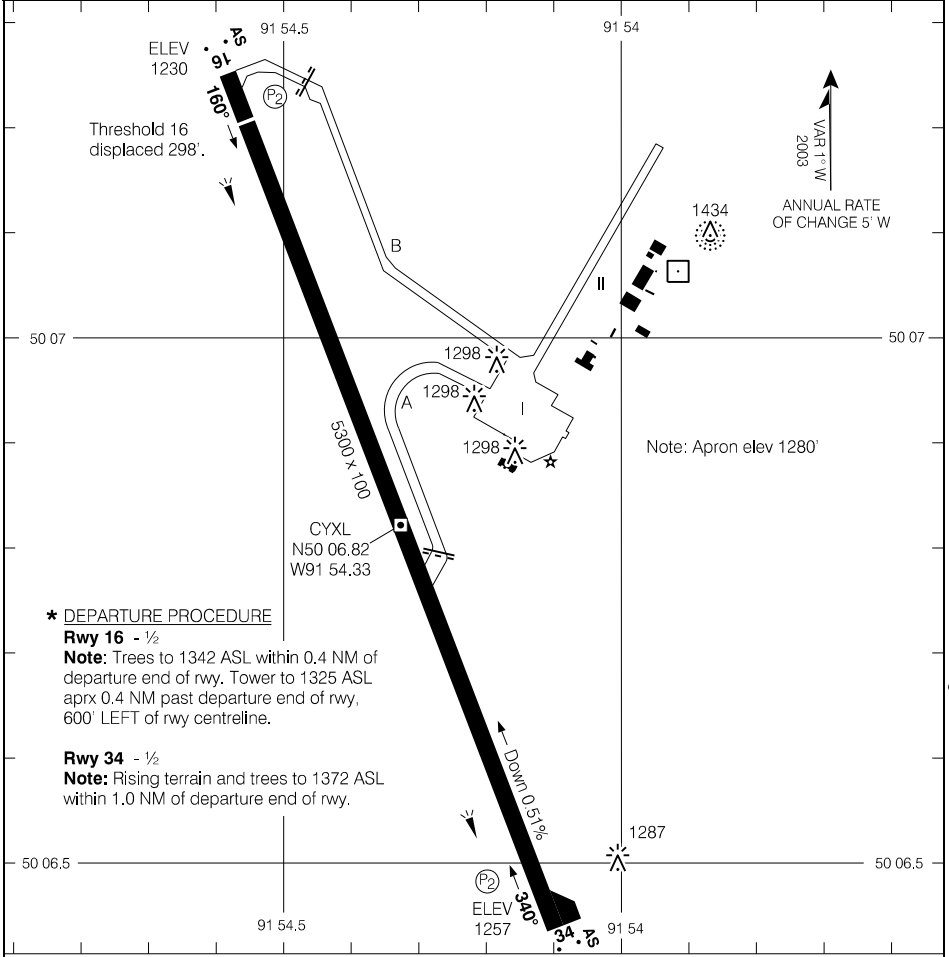
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PELKA THREE DEP (PELKA3.)
EFF 3 NOV 22

CYXL

AERODROME CHART

ATIS - 124.75				RADIO - 122.0		CTR Winnipeg - 132.2 RADIO London - 126.0	
						MF	
DECL	DISTS	16	34				
TORA		5300	5300				
TODA		6284	6000				
ASDA		5300	5300				
LDA		5002	5300				



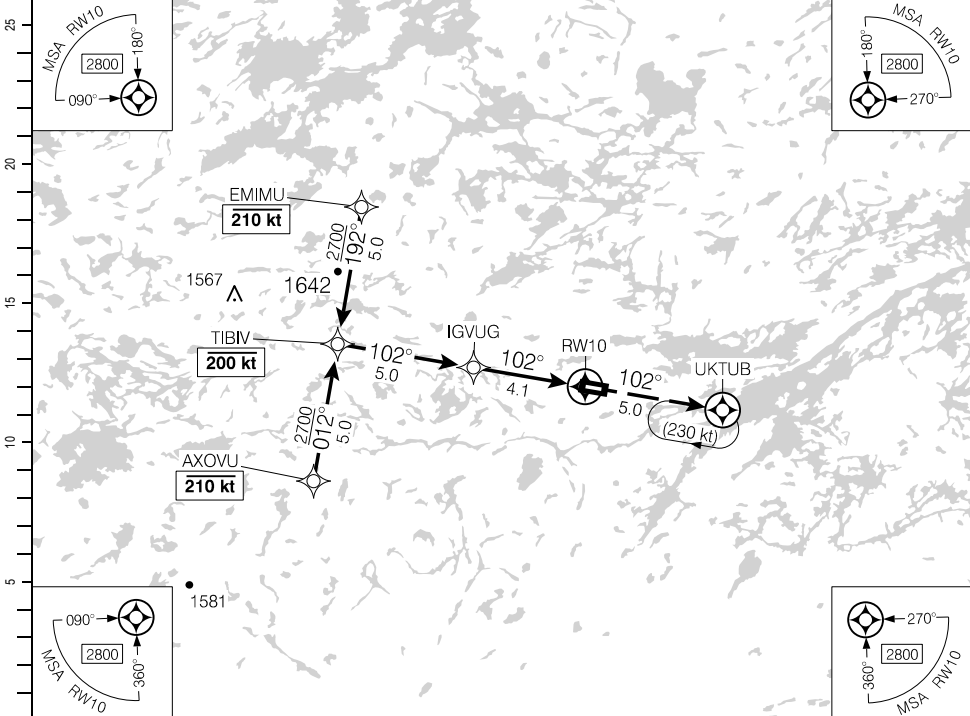
RUNWAY LEVEL OF SERVICE	
RVO	LVO
RWY 16; 34: (¼sm)	NOT AUTHORIZED
TAKE-OFF MINIMA	
Rwys 16; 34: *	
SCALE IN FEET	

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 10

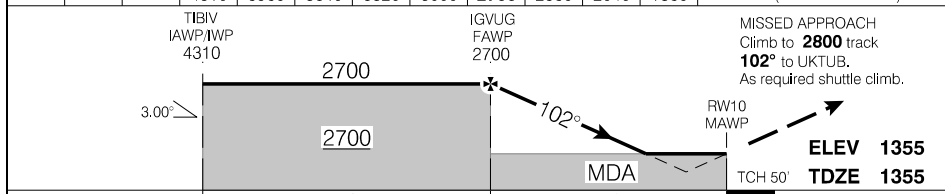
510748N 0913956W VAR 2°W

RADIO London – 126.0		TFC – 123.2		ATF		ARCAL 123.2(K)
SAFE ALT 100 NM 3000	WAAS Ch 81082 W10A	APCH CRS 102°	MIN ALT IGVUG 2700	LDA 3507		AS



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	9.1	8	7	6	5	4.1	3	2	1.4	DIST FROM RW10
	4310	3960	3640	3320	3000	2700	2360	2040	1860	ALT (3.00° APCH PATH)



RASS: Use CYXL.		CATEGORY	A	B	C	D
		LPV	1855	(500)		1¼
		LNAV	1860	(505)		1½
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 10

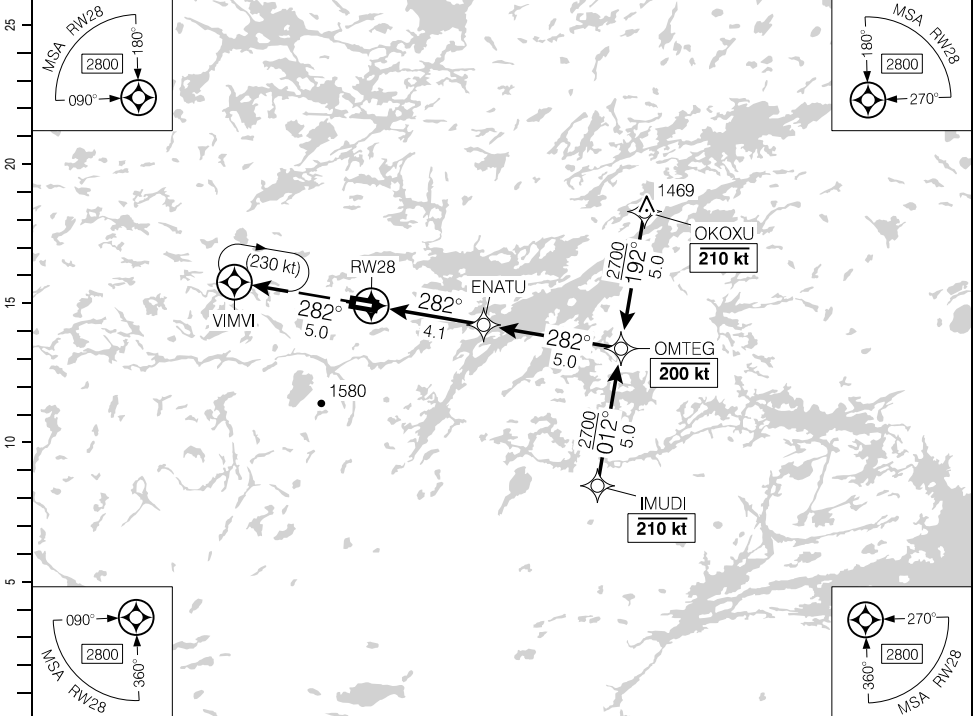
CKD9

EFF 21 MAR 24

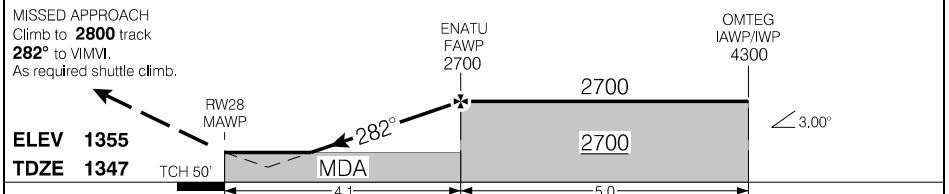
RNAV (GNSS) RWY 28

510748N 0913956W VAR 2°W

RADIO London – 126.0		TFC – 123.2			ARCAL 123.2(K)	
SAFE ALT 100 NM 3000		WAAS Ch 81083 W28A	APCH CRS 282°	MIN ALT ENATU 2700	LDA 3507	ATF



(NM)	DIST FROM RW28		1.5	3	4.1	5	6	7	8	9.1		
	ALT (3.00° APCH PATH)		1860	2350	2700	2990	3300	3620	3940	4300		



RASS: Use CYXL.				CATEGORY	A	B	C	D
				LPV	1842	(500)		1¼
				LNAV	1860	(518)		1½
Knots	ft/min	Min:Sec						
70	370							
90	480							
110	580							
130	690							
150	800							

RNAV (GNSS) RWY 28

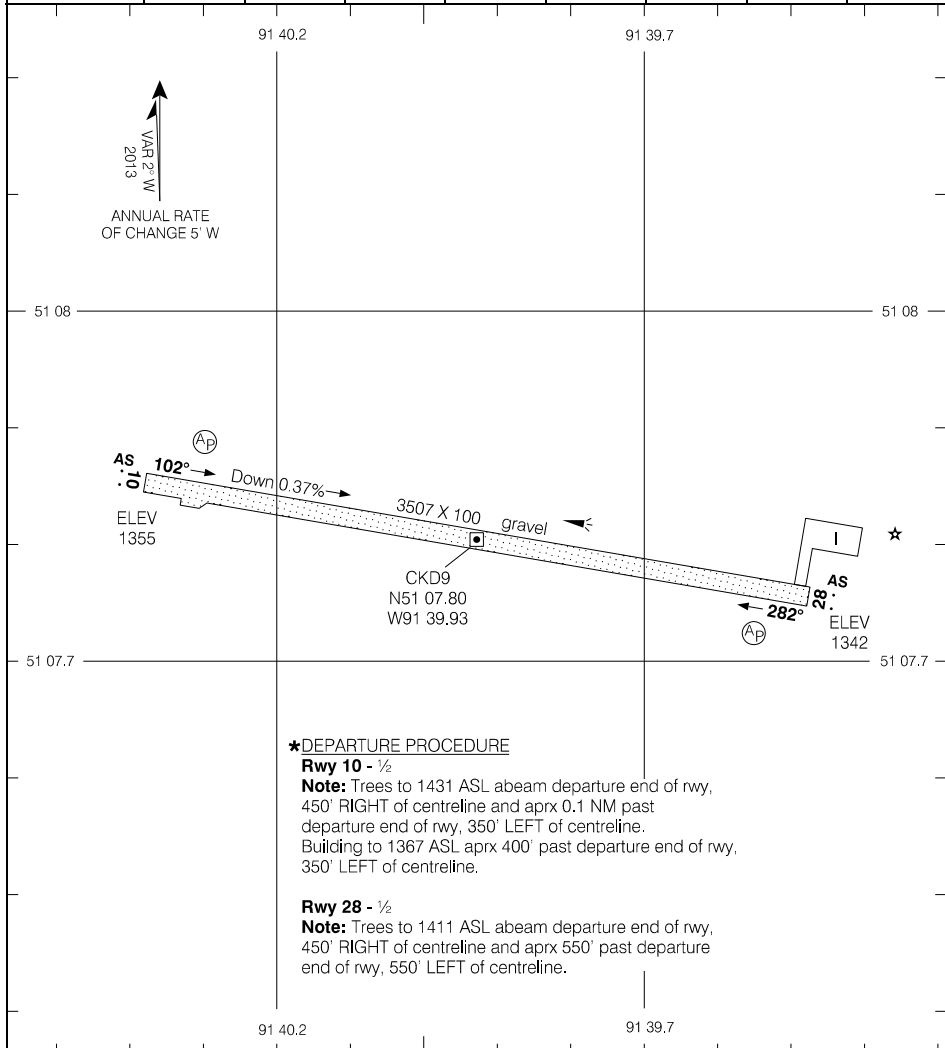
CKD9

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 123.2		RADIO London - 126.0	
DECL DISTS	10	28					
TORA	3507	3507					
TODA	3507	3507					
ASDA	3507	3507					
LDA	3507	3507					



***DEPARTURE PROCEDURE**

Rwy 10 - 1/2

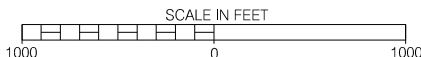
Note: Trees to 1431 ASL abeam departure end of rwy, 450' RIGHT of centreline and aprx 0.1 NM past departure end of rwy, 350' LEFT of centreline. Building to 1367 ASL aprx 400' past departure end of rwy, 350' LEFT of centreline.

Rwy 28 - 1/2

Note: Trees to 1411 ASL abeam departure end of rwy, 450' RIGHT of centreline and aprx 550' past departure end of rwy, 550' LEFT of centreline.

TAKE-OFF MINIMA

Rwys 10; 28: *



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

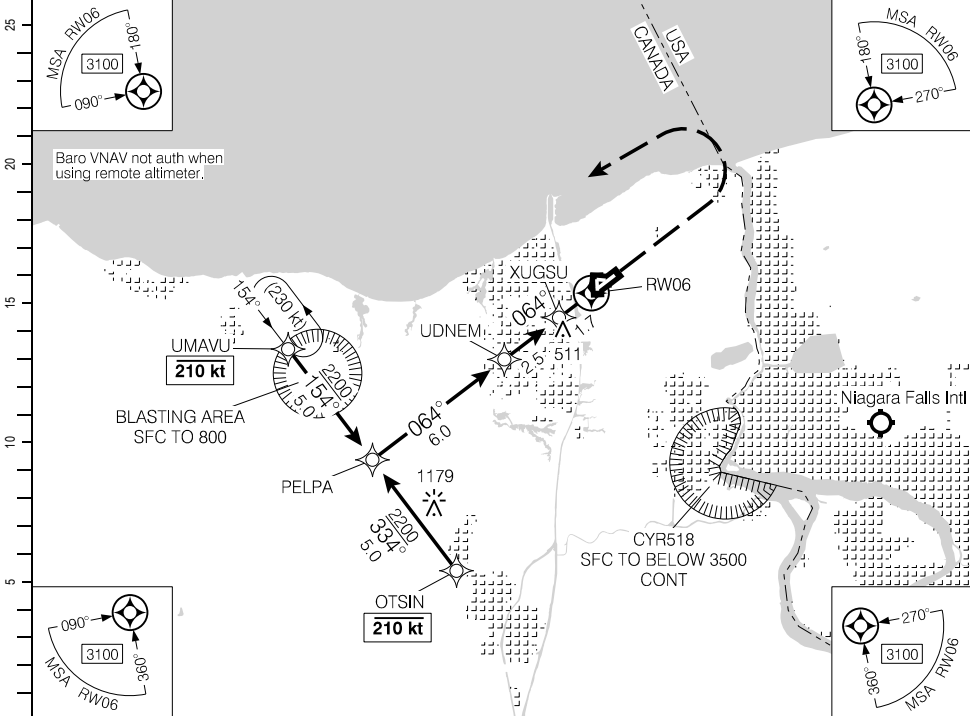
EFF 21 MAR 24

CKD9

RNAV (GNSS) RWY 06

431130N 0791016W VAR 11°W

ATIS - 128.52 CTR Toronto - 133.4		RADIO - 123.25 TFC - 123.25			ARCAL 123.25(K)
SAFE ALT 100 NM 4900	WAAS Ch 80215 W06A	APCH CRS 064°	MIN ALT UDNEM 1700	LDA 5000	P2 AO



(NM)	10.2	9	8	7	5.7	5	4	3	2	1.2	DIST FROM RWY06	
	3600	3240	2920	2600	2200	1960	1640	1330	1010	760	ALT (3.00° APCH PATH)	
	PELPA IAWP/IWP 3600 UDNEM FAWP 1700 XUGSU SDWP 910 RWY06 MAWP										MISSED APPROACH Climb to 2300 hdg 064° . Then LEFT turn direct to UMAVU.	
	3.00°										ELEV 322 TDZE 322	
	6.0 2.5 1.7										900 (LNAV only) MDA TCH 50'	

RASS: When using CYHM add 140'.			CATEGORY	A	B	C	D
			LPV	571	(250)	1	
			LNAV/VNAV <small>(min. -19°C, max. 54°C)</small>	571	(250)	1	
			LNAV	760	(439)	1½	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 06

CYSN

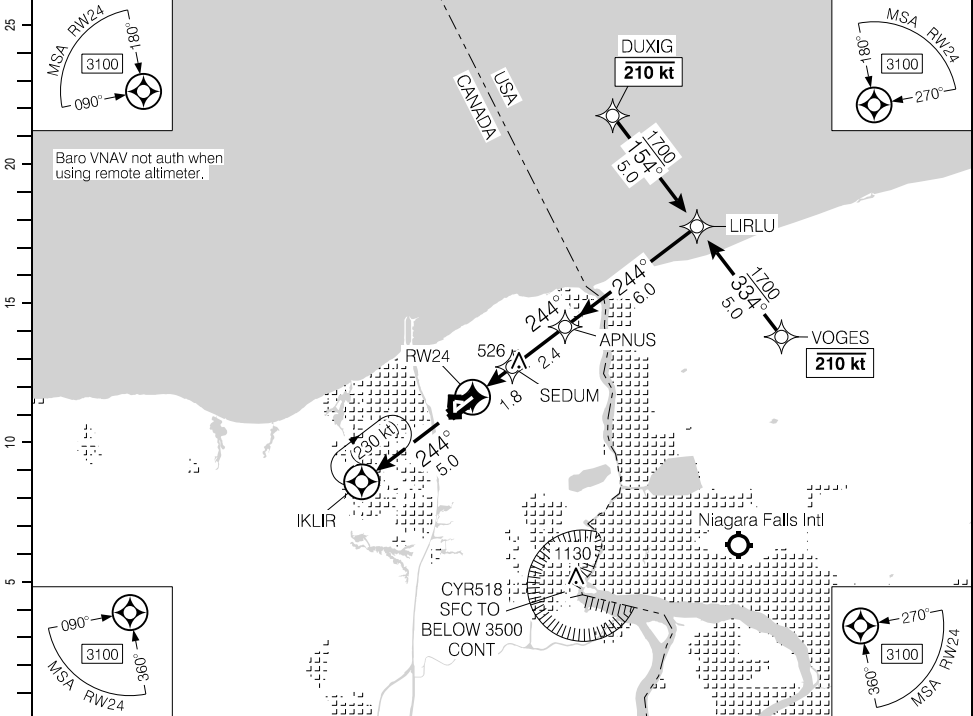
EFF 3 NOV 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 24

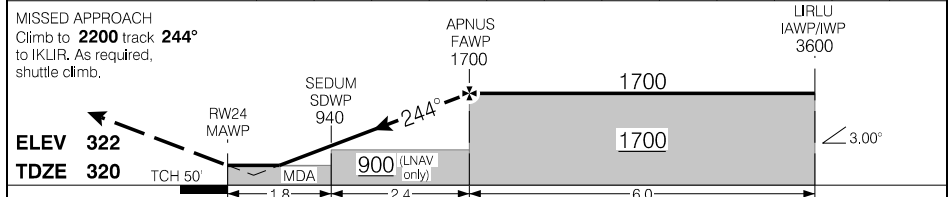
431130N 0791016W VAR 11°W

● ATIS – 128.52	CTR Toronto – 133.4	● RADIO – 123.25	● TFC – 123.25	● MUF	ARCAL 123.25(K)
SAFE ALT 100 NM 4900	WAAS Ch 80216 W24A	APCH CRS 244°	MIN ALT APNUS 1700	LDA 5000	AO



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW24	0.9	2	3	4.2	5	6	7	8	9	10.2		
ALT (3.00° APCH PATH)	660	1010	1320	1700	1960	2280	2600	2920	3230	3600		



RASS: When using CYHM add 140'			CATEGORY	A	B	C	D
			LPV	569	(250)		1
			LNAV/VNAV (min. -19°C, max. 54°C)	569	(250)		1
			LNAV	660	(341)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 24

CYSN

EFF 20 APR 23

DEPARTURE PROCEDURE

Departure Procedure

Rwys 11, 29: NOT ASSESSED

Rwy 01 – ½: Climb between hdg **121°** CCW to **191°** to remain clear of CYR518. When CYA513 is active, climb between hdg **121°** CCW to **239°** to remain clear of CYA513 and CYR518.

Note: Trees to 335 ASL aprx 550' past departure end of rwy, 100' LEFT of rwy centreline.

Tower to 386 ASL aprx 0.2 NM past departure end of rwy, 200' LEFT of rwy centreline.

Rwy 06 – ½: Climb between hdg **122°** CCW to **244°** to remain clear of CYR518 and CYA513.

Rwy 19 – ½: Requires a minimum climb gradient of **210** ft/NM to **1200**. Climb between hdg **209°** CW to **008°** to remain clear of CYR518.

When CYA513 is active: Requires a minimum climb gradient of **210** ft/NM to **1200**. Climb between hdg **262°** CW to **008°** to remain clear of CYA513 and CYR518.

or

SPEC VIS – Climb in visual conditions to cross the aprt at or above **3700** BPOC. When CYA513 is active: SPEC VIS NOT AUTHORIZED.

Rwy 24 – ½: Climb between hdg **194°** CW to **063°** to remain clear of CYR518. When CYA513 is active, climb between hdg **264°** CW to **063°** to remain clear of CYA513 and CYR518.

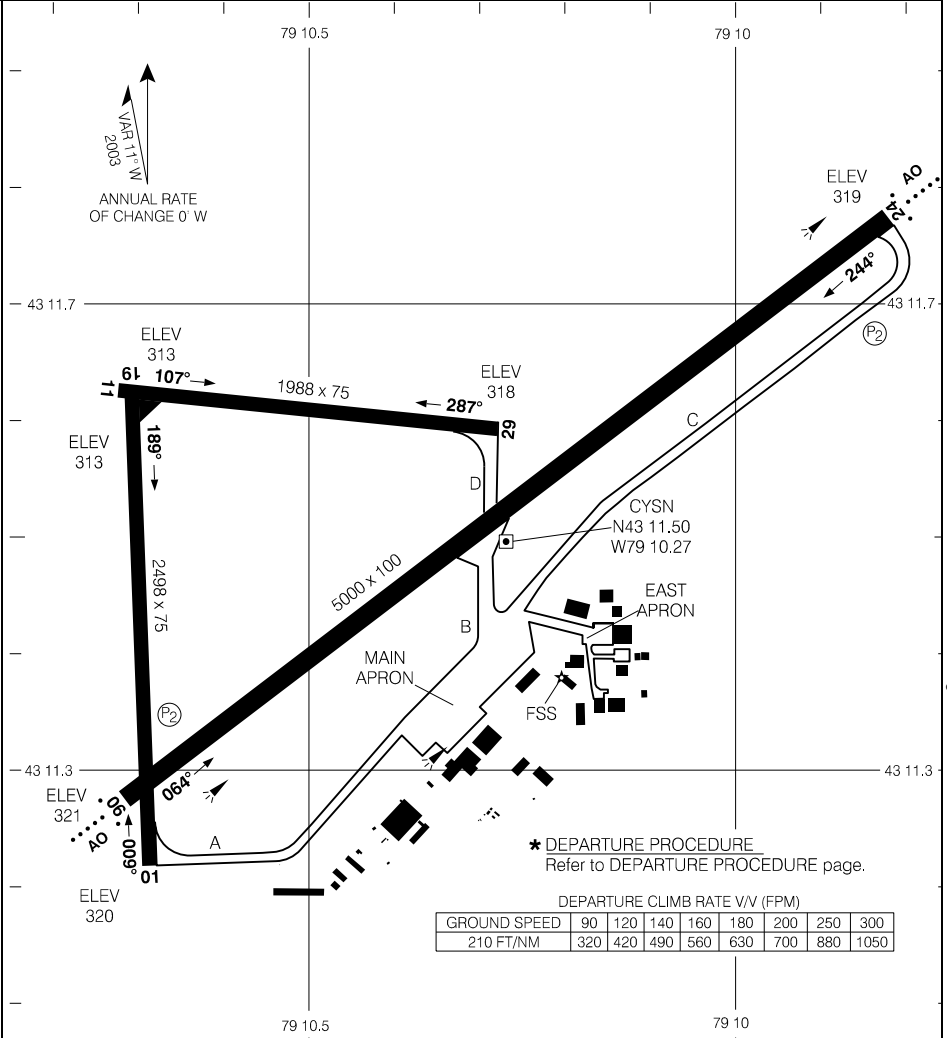
DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
210 FT/NM	320	420	490	560	630	700	880	1050

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

● ATIS – 128.52						● RADIO – 123.25		CTR Toronto – 133.4 RADIO London – 126.7	
						● TFC – 123.25		● MF	
DECL	DISTS	01	19	06	24	11	29		
TORA		2498	2498	5000	5000	1988	1988		
TODA		2695	3348	5984	5197	2972	2185		
ASDA		2498	2498	5000	5000	1988	1988		
LDA		2498	2498	5000	5000	1988	1988		



* DEPARTURE PROCEDURE
Refer to DEPARTURE PROCEDURE page.

DEPARTURE CLIMB RATE V/V (FPM)								
GROUND SPEED	90	120	140	160	180	200	250	300
210 FT/NM	320	420	490	560	630	700	880	1050

TAKE-OFF MINIMA

All Rwys: *



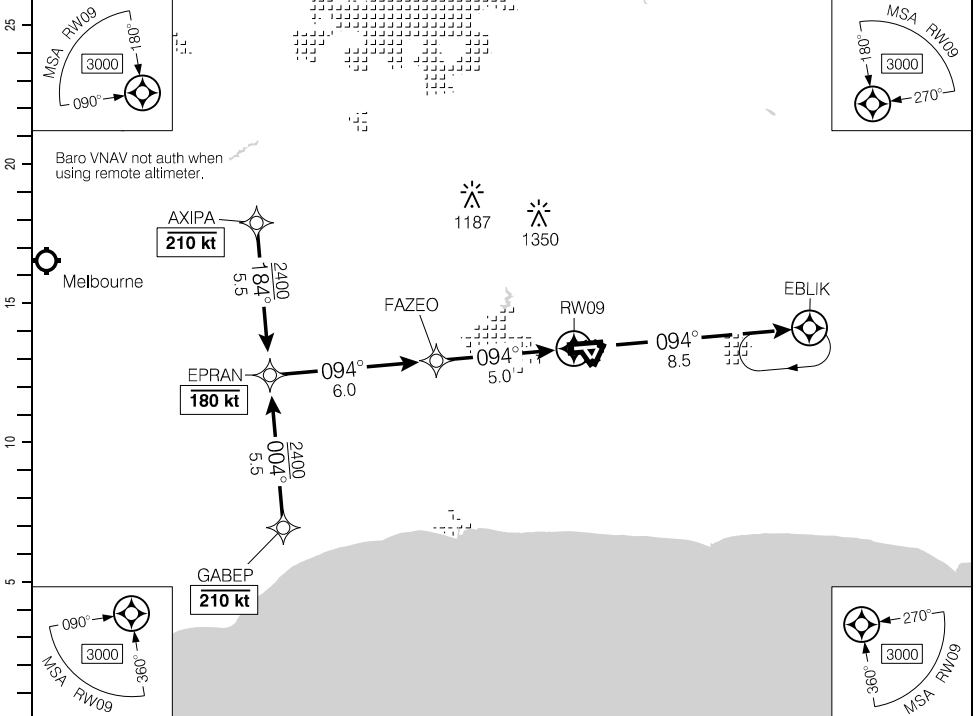
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 09

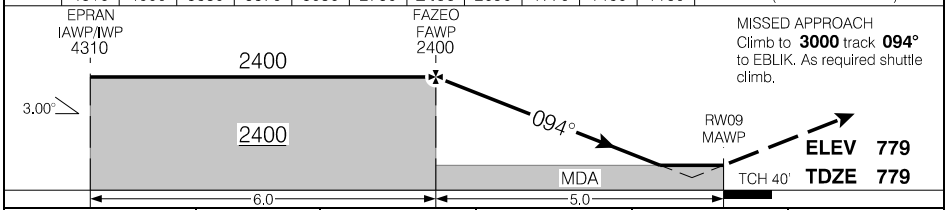
424612N 0810635W VAR 9°W

CYQS

CTR Toronto – 135.3		UNICOM – 122.7		ARCAL 122.7(K)	
AUTO – 122.55				ATF	
SAFE ALT 100 NM 4900	WAAS Ch 80649 W09A	APCH CRS 094°	MIN ALT FAZEO 2400	LDA 5013	



(NM)	11	10	9	8	7	6	5.0	4	3	2	1.1	DIST FROM RWY09
	4310	4000	3680	3370	3050	2730	2400	2090	1770	1460	1160	ALT (3.00° APCH PATH)



RASS: When using CYXU add 60'.			CATEGORY	A	B	C	D
			LPV	1029	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1042	(263)		1
			LNAV	1160	(381)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 09

CYQS

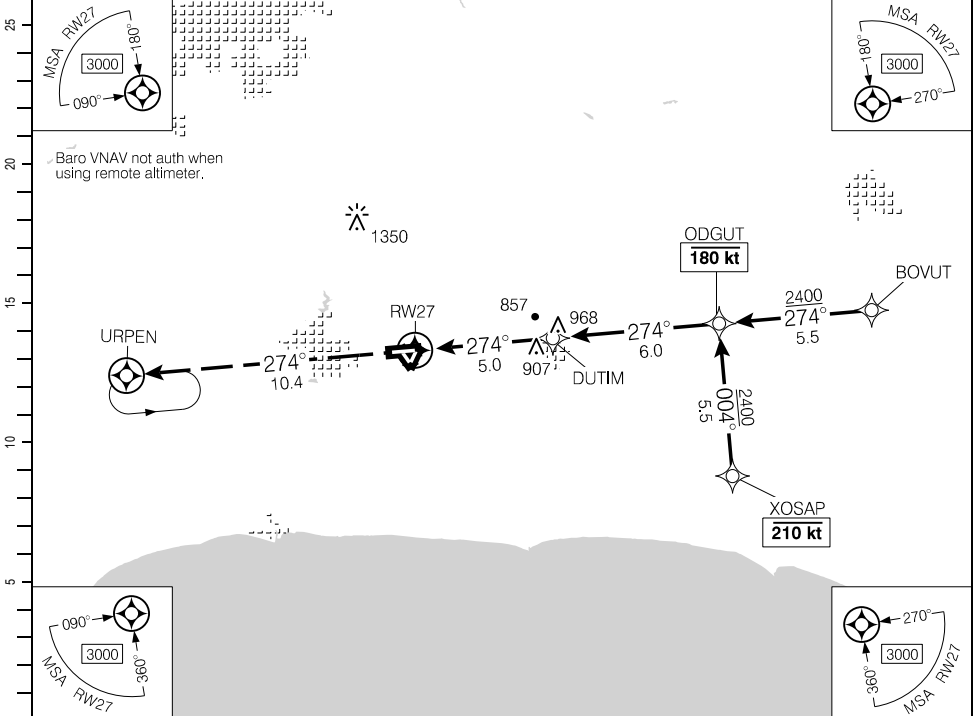
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

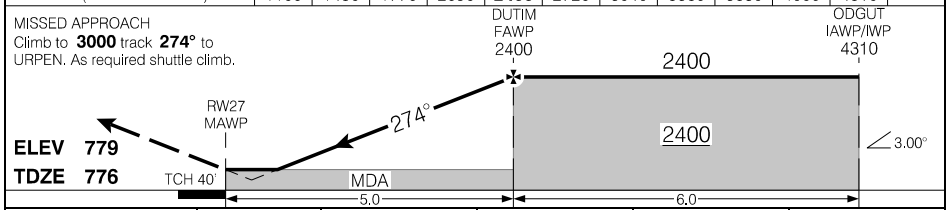
RNAV (GNSS) RWY 27

424612N 0810635W VAR 9°W

AUTO - 122.55		CTR Toronto - 135.3		UNICOM - 122.7		ARCAL 122.7(K)	
SAFE ALT 100 NM 4900		WAAS Ch 80650 W27A		APCH CRS 274°		LDA 5013	
				MIN ALT DUTIM 2400		ATF	



(NM)	DIST FROM RW27	0.9	2	3	4	5.0	6	7	8	9	10	11	
	ALT (3.00° APCH PATH)	1100	1450	1770	2090	2400	2720	3040	3360	3680	4000	4310	



RASS: When using CYXU add 60'.			CATEGORY	A	B	C	D
			LPV	1024	(250)		1
			RNAV/VNAV (min. -21°C, max. 54°C)	1024	(250)		1
			RNAV	1100	(326)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 27

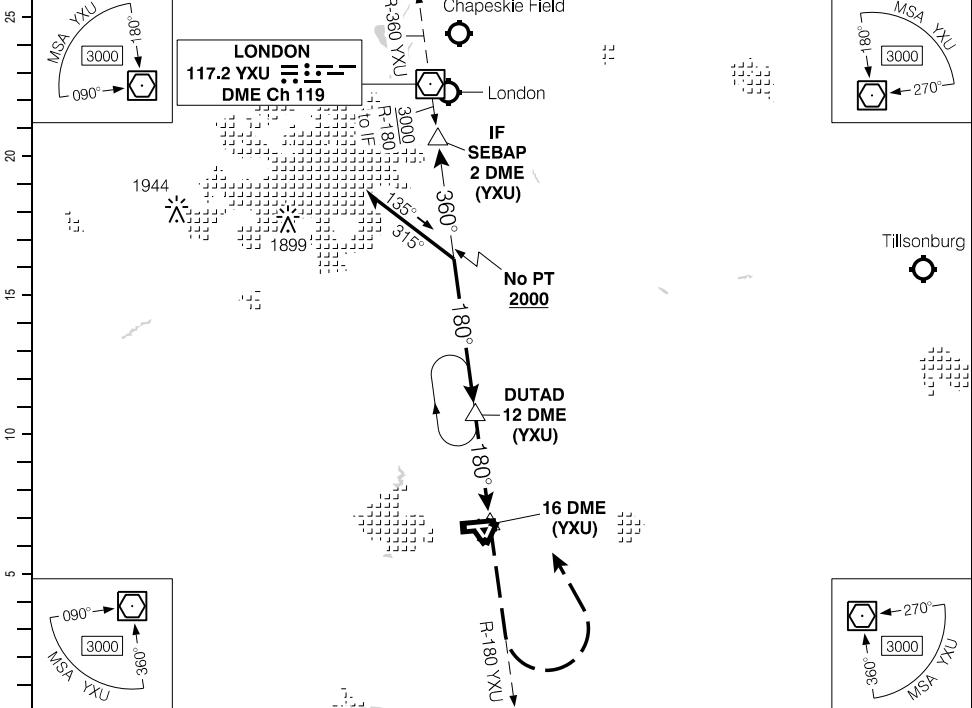
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

VOR/DME A

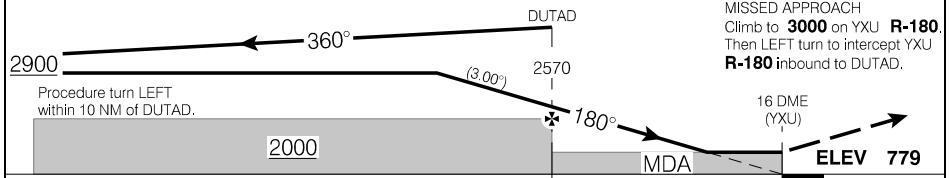
424612N 0810635W VAR 8°W

CTR Toronto – 135.3		UNICOM – 122.7			ARCAL 122.7(K)		
AUTO – 122.55		ATF				LIGHTING: REFER TO AD CHART	
SAFE ALT 100 NM 4900	VOR YXU 117.2	APCH CRS 180°	MIN ALT DUTAD 2000	LDA REFER TO AD CHART			



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	2	4	6	7	8	9	10	11.0	12	13	14	15	16	DIST FROM DME (YXU)
	5760	5120	4480	4170	3850	3530	3210	2900	2570	2250	1940	1620	1300	ALT (3.00° APCH PATH)



RASS: When using CYXU add 60'.	CATEGORY	A	B	C	D
<input checked="" type="checkbox"/> CIRCLING		1300 (521)	1½	1400 (621)	2

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

DEPARTURE PROCEDURE

Departure Procedure**Rwy 03 – ½:**

Note: Trees to 831 ASL aprx 0.2 NM past departure end of rwy, 560' LEFT of rwy centreline. Silo to 833 ASL aprx 0.3 NM past departure end of rwy, 390' LEFT of rwy centreline.

Rwy 09 – ½:

Note: Trees to 811 ASL aprx 0.2 NM past departure end of rwy, 270' RIGHT of rwy centreline. Trees to 808 ASL aprx 0.2 NM past departure end of rwy, 530' LEFT of rwy centreline.

Rwy 15 – ½:

Note: Trees to 828 ASL aprx 0.2 NM past departure end of rwy, 590' RIGHT of rwy centreline. Silos to 848 ASL aprx 0.5 NM past departure end of rwy, 440' LEFT of rwy centreline.

Rwy 21 – ½:

Note: Trees to 831 ASL aprx 0.2 NM past departure end of rwy, 610' RIGHT of rwy centreline.

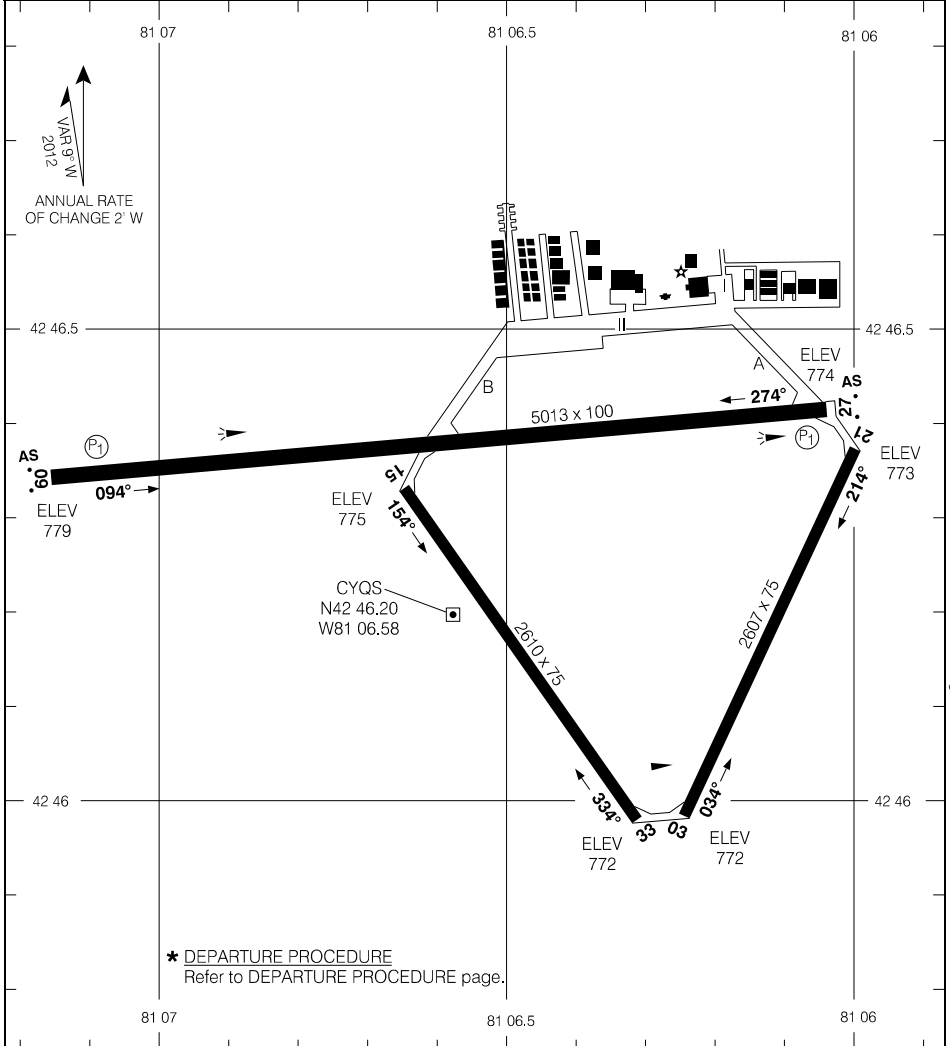
Rwy 27 – ½:

Note: Road to 794 ASL aprx 0.1 NM past departure end of rwy.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AUTO - 122.55						UNICOM - 122.7	CTR Toronto - 135.3
DECL DIST	03	21	09	27	15	33	ATF
TORA	2607	2607	5013	5013	2610	2610	
TODA	3591	3591	5997	5543	3594	3594	
ASDA	2607	2607	5013	5013	2610	2610	
LDA	2607	2607	5013	5013	2610	2610	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

* DEPARTURE PROCEDURE
Refer to DEPARTURE PROCEDURE page.

TAKE-OFF MINIMA

Rwys 03; 09; 15; 21; 27: *
Rwy 33: NOT ASSESSED



AERODROME CHART

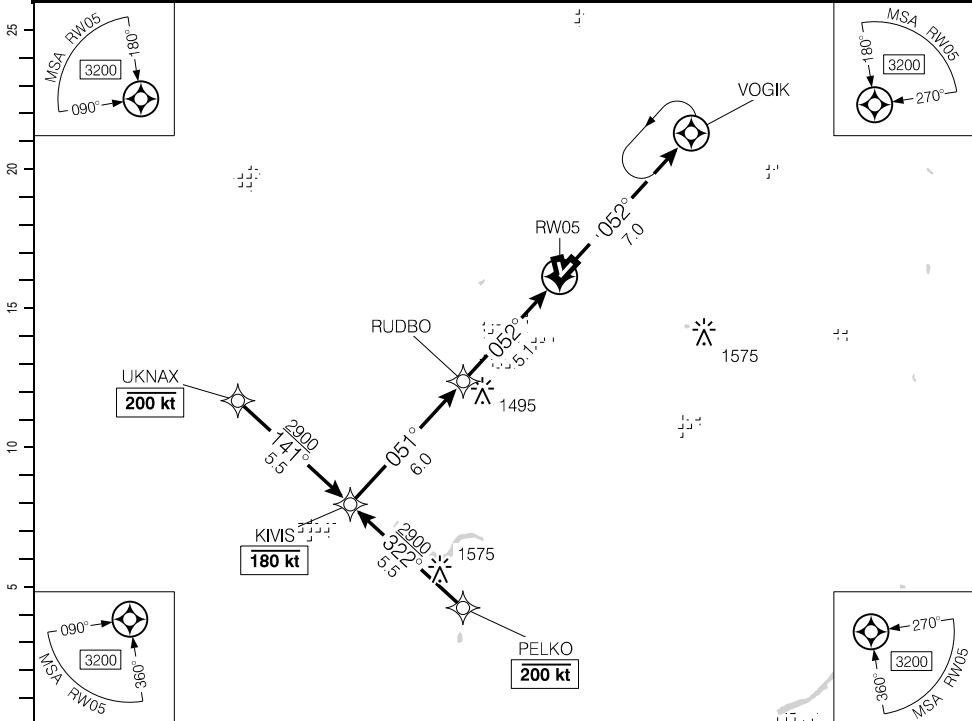
EFF 21 MAR 24

CYQS

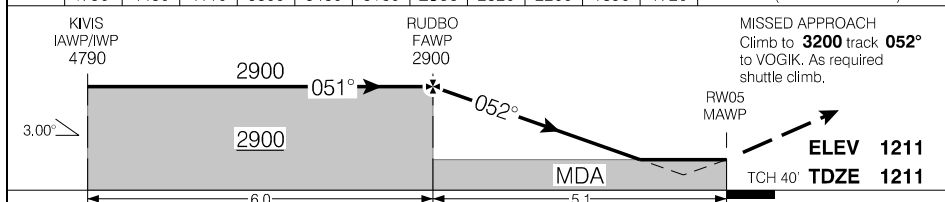
RNAV (GNSS) RWY 05

432457N 0805603W VAR 9°W

CTR Toronto - 135.3		UNICOM - 122.8			ARCAL 122.8(K)
SAFE ALT 100 NM 4900	WAAS Ch 80667 W05A	APCH CRS 052°	MIN ALT RUDBO 2900	LDA 5003	ATF P1 AS



(NM)	11.1	10	9	8	7	6	5.1	4	3	2	1.5	DIST FROM RWY05
	4790	4430	4110	3800	3480	3160	2900	2520	2200	1890	1720	ALT (3.00° APCH PATH)



RASS: Use CYKF. When using CYXU add 20°.			CATEGORY	A	B	C	D
			LPV	1709	(500)	1%	NOT AUTHORIZED
			RNAV	1720	(511)	1½	NOT AUTHORIZED
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 05

CYSA

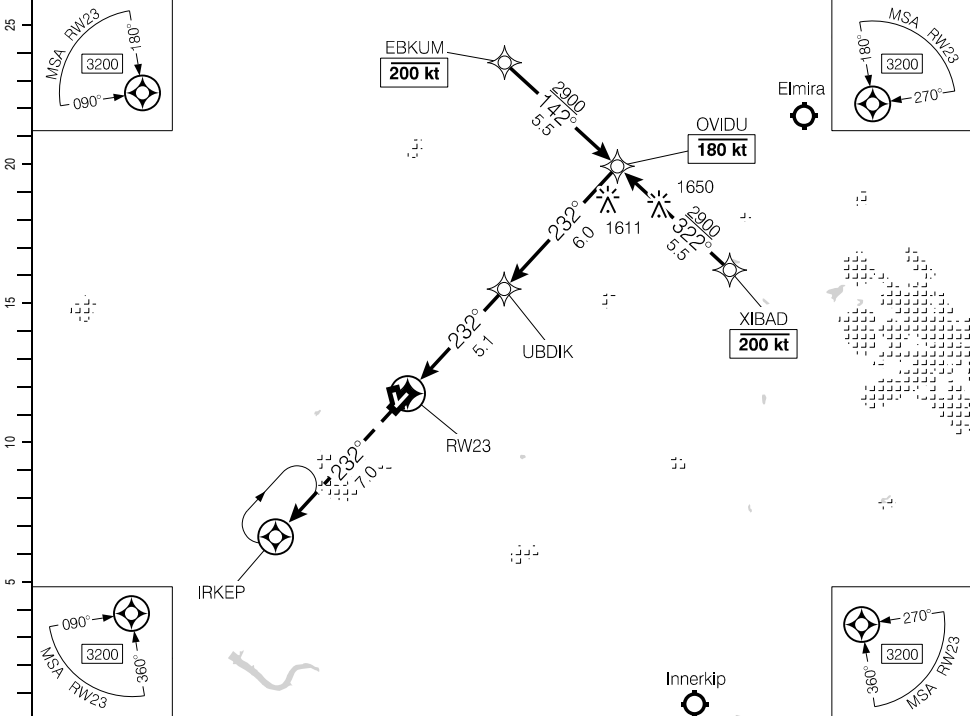
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 23

432457N 0805603W VAR 9°W

CTR Toronto – 135.3		UNICOM – 122.8			ARCAL 122.8(K)
SAFE ALT 100 NM 4900	WAAS Ch 80668 W23A	APCH CRS 232°	MIN ALT UBDIK 2900	LDA 3972	(P1)



DIST FROM RW23	1.5	3	4	5.1	6	7	8	9	10	11.1
ALT (3.00° APCH PATH)	1740	2200	2520	2900	3160	3480	3800	4110	4430	4790

MISSED APPROACH
Climb to **3200** track **232°** to IRKEP.
As required shuttle climb.

UBDIK FAWP 2900

OVIDU IAWP/IWPP 4790

ELEV 1211
TDZE 1209 TCH 40'

MDA 2900

3.00°

RASS: Use CYKF. When using CYXU add 20'.		CATEGORY	A	B	C	D
		LPV	1709	(500)	1%	NOT AUTHORIZED
		RNAV	1740	(531)	1%	NOT AUTHORIZED
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 23

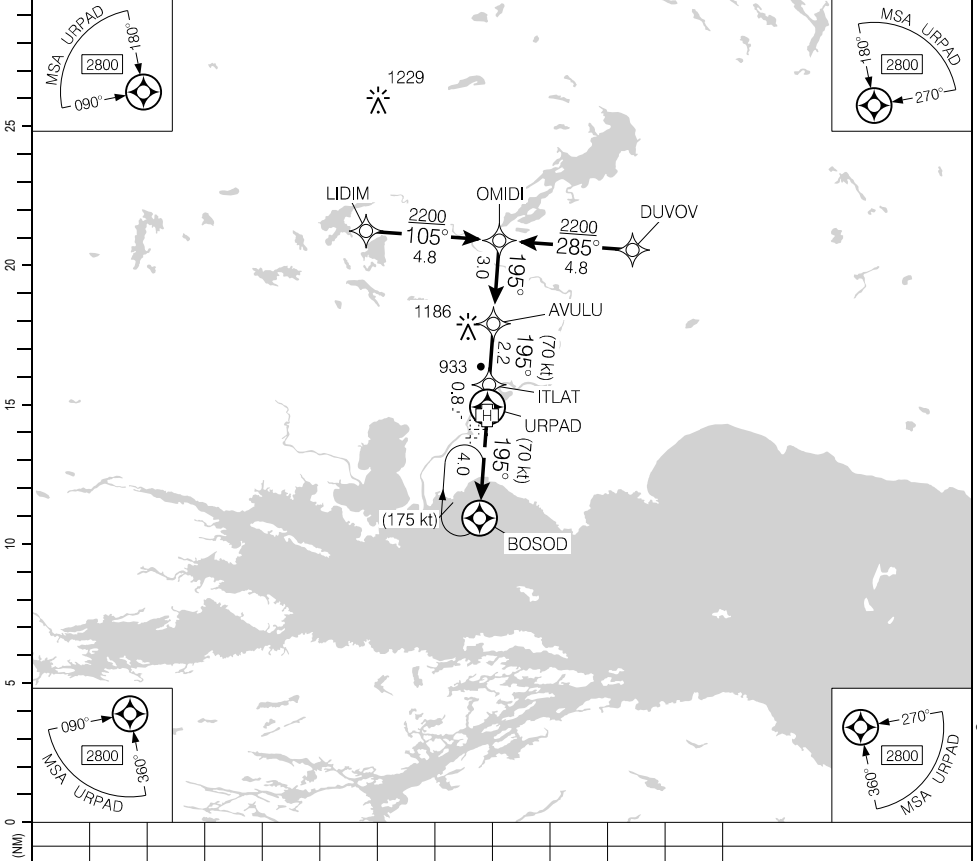
CYSA

EFF 25 JAN 24

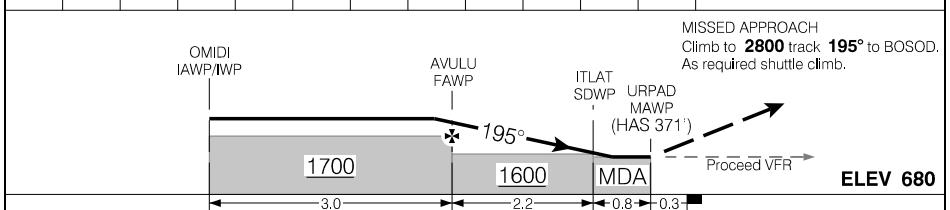
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

COPTER RNAV (GNSS) 195°

CTR Toronto – 127.25		A/G Ambulance Dispatch – 129.27			RY(LO) RF(FL)
SAFE ALT 100 NM 3600	RNAV	APCH CRS 195°	MIN ALT AVULU 1700	HELIPAD 86 Diameter	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



RASS: Use CYYB.		CATEGORY					COPTER		
Knots	70	90	110	130	150	LNAV	1240	(560)	1
ft/min									
Min:Sec									

COPTER RNAV (GNSS) 195°

CNM3-VAP

STURGEON FALLS (WEST NIPISSING GEN HOSPITAL), ON

462224N 0795458W VAR 11°W

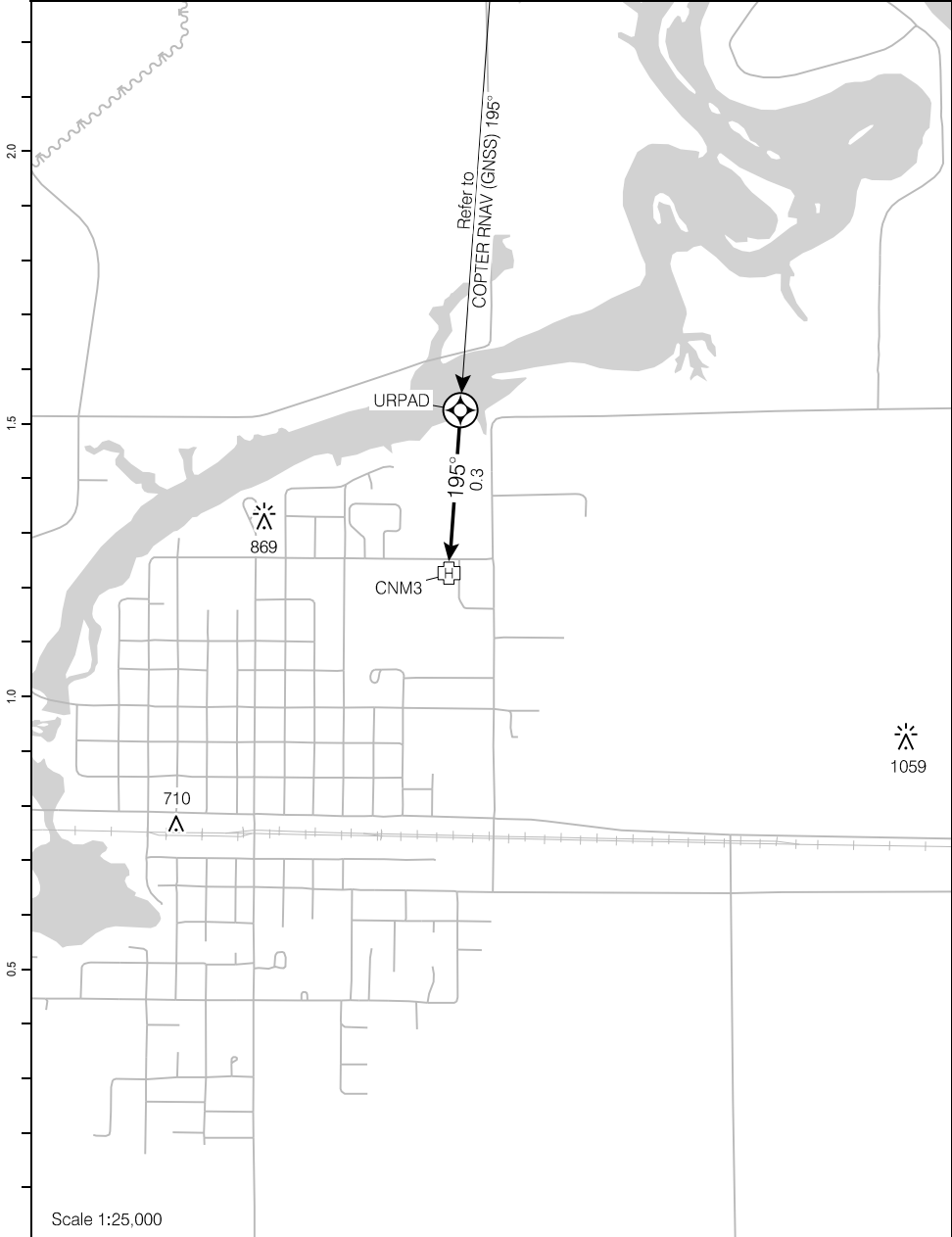
CNM3

VISUAL APPROACH CHART

CTR Toronto – 127.25

A/G Ambulance Dispatch – 129.27

ELEV 680



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM) 0 VISUAL APPROACH CHART
EFF 16 JUL 20

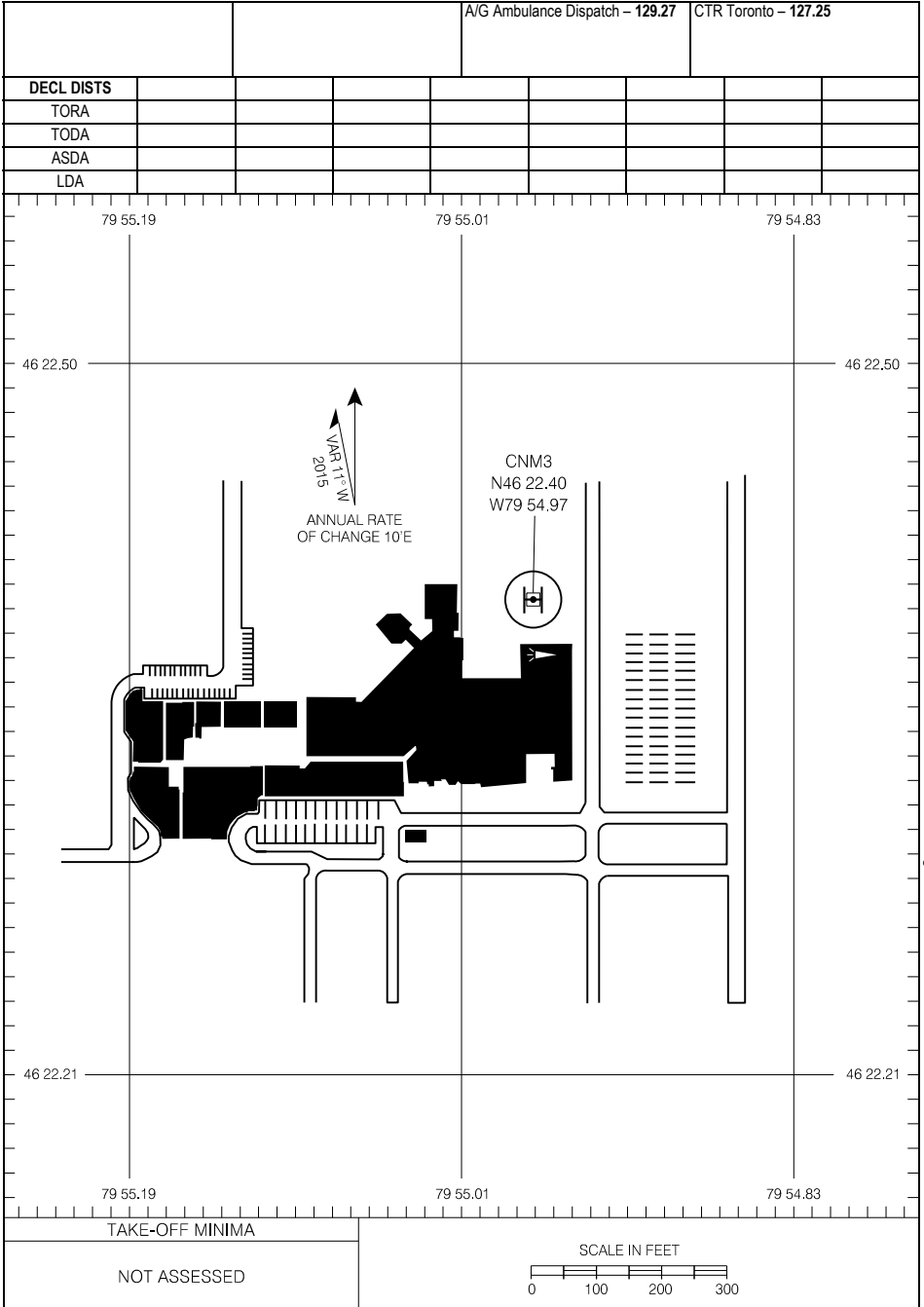
CNM3

CNM3-VAP

Canada Air Pilot

Effective 0901Z 21 MAR 2024 to 0901Z 16 MAY 2024

HELIPORT CHART

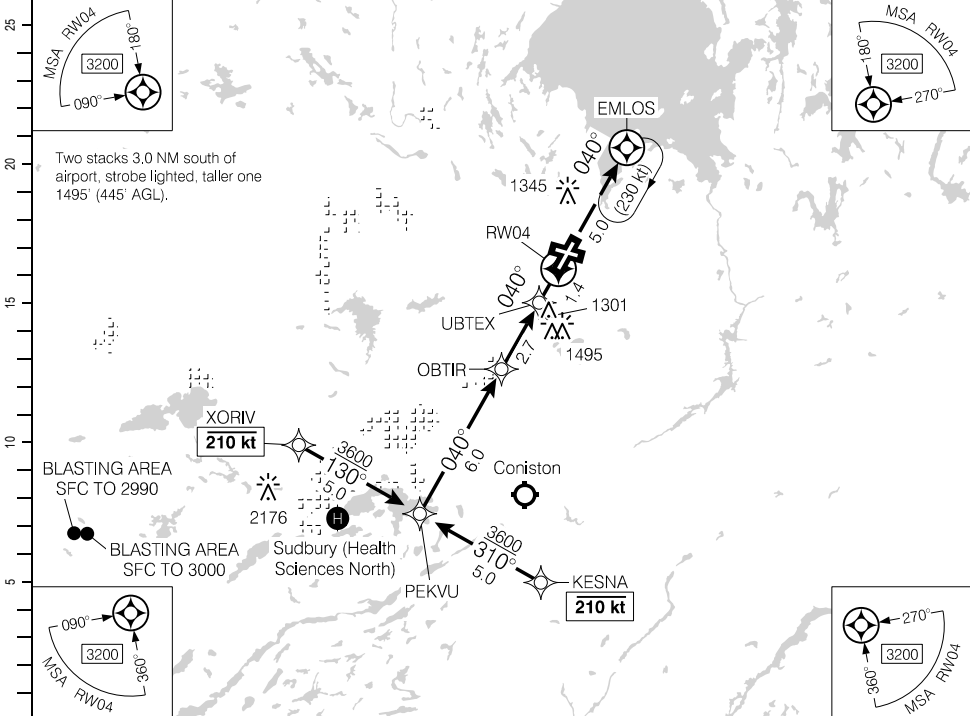


Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 04

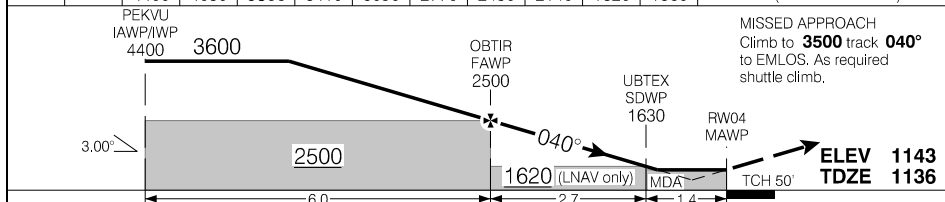
463732N 0804752W VAR 10°W

ATIS – 127.4		CTR Toronto – 135.5		RADIO – 125.5		MF*		P2 AO	
SAFE ALT 100 NM 3500		WAAS Ch 80243 W04A		APCH CRS 040°		MIN ALT OBTIR 2500			LDA 6600



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10.1	9	7.6	7	6	5	4	3	2	1.2	DIST FROM RWY04
	4400	4050	3600	3410	3090	2770	2450	2140	1820	1560	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1380	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1459	(329)		1/4
			LNAV	1560	(430)		1/4
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 04

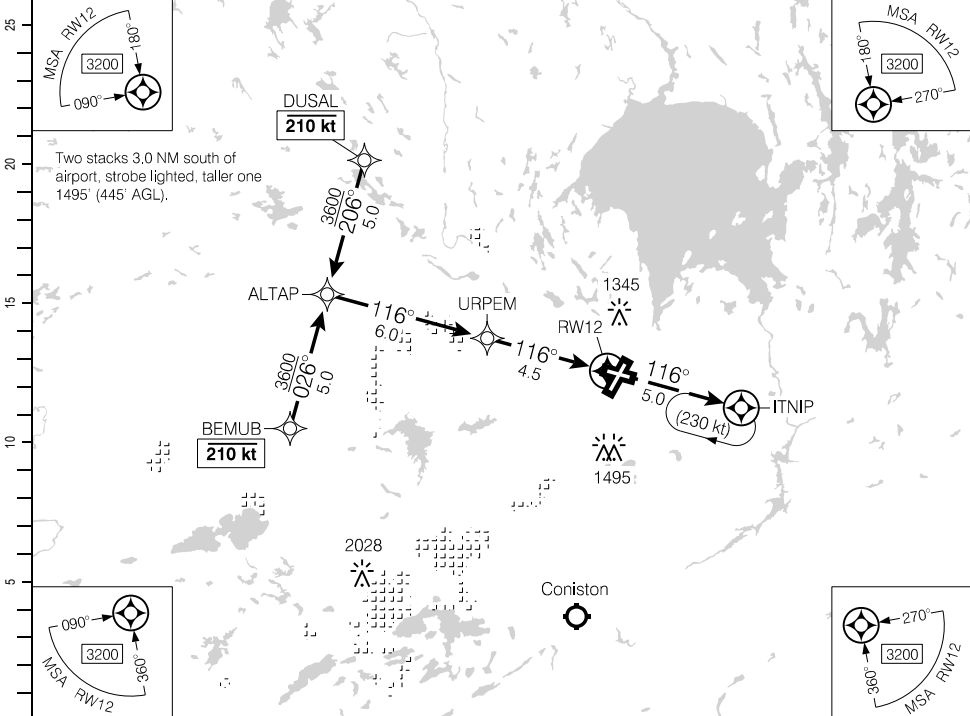
CYSB

EFF 30 NOV 23

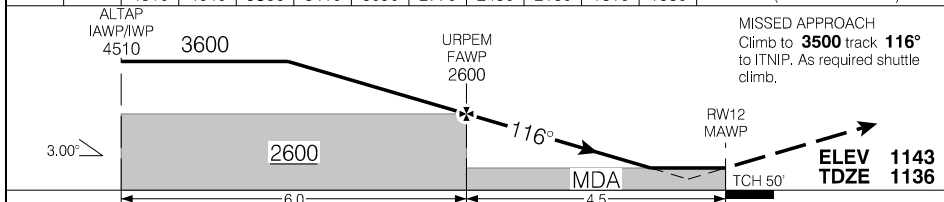
RNAV (GNSS) RWY 12

463732N 0804752W VAR 10°W

ATIS - 127.4		CTR Toronto - 135.5		RADIO - 125.5			
SAFE ALT 100 NM 3500		WAAS Ch 80244 W12A		APCH CRS 116°		MIN ALT URPEM 2600	
						LDA 5000	



(NM)	10.5	9	7.6	7	6	5	4	3	2	1.3	DIST FROM RWY12
	4510	4040	3600	3410	3090	2770	2450	2130	1810	1580	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1378	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1582	(454)		1½
			LNAV	1580	(452)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 12

CYSB

EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

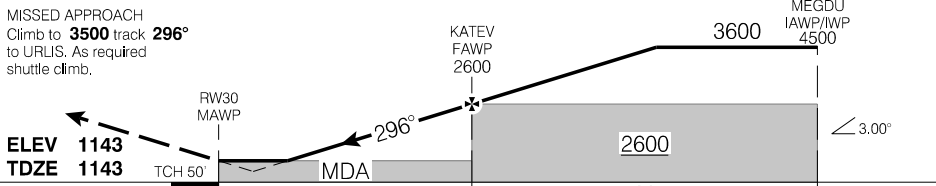
RNAV (GNSS) RWY 30

463732N 0804752W VAR 10°W

ATIS – 127.4		CTR Toronto – 135.5		RADIO – 125.5			
SAFE ALT 100 NM 3500		WAAS Ch 80245 W30A		APCH CRS 296°		MIN ALT KATEV 2600	
						LDA 5000	



(NM)	DIST FROM RW30	1.2	2	3	4	5	6	7	7.6	9	10.4		
	ALT (3.00° APCH PATH)	1560	1830	2150	2470	2790	3100	3420	3600	4060	4500		



			CATEGORY	A	B	C	D
			LPV	1393	(250)		1
			LNAV/VNAV (min. -21°C, max. 54°C)	1459	(316)		1
			LNAV	1560	(417)		1/4
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 30

CYSB

EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

All rwsys: Climb to and maintain **4000** or as assigned, for radar vectors to filed/assigned route.

Rwy 04: Climb hdg **040°** or as assigned.

Rwy 12: Climb hdg **116°** or as assigned.

Rwy 22: Climb hdg **220°** or as assigned.

Rwy 30: Climb hdg **296°** or as assigned.

Communications Failure

On recognition of failure 10 minutes or less after take-off and in IFR weather conditions, proceed as follows:

1. Transponder 7600;
2. 5 minutes after selecting 7600, proceed directly on course and climb to flight planned altitude.

NOTE: If communication failure occurs more than 10 minutes after take-off, comply with appropriate procedures for Communications Failure en-route.

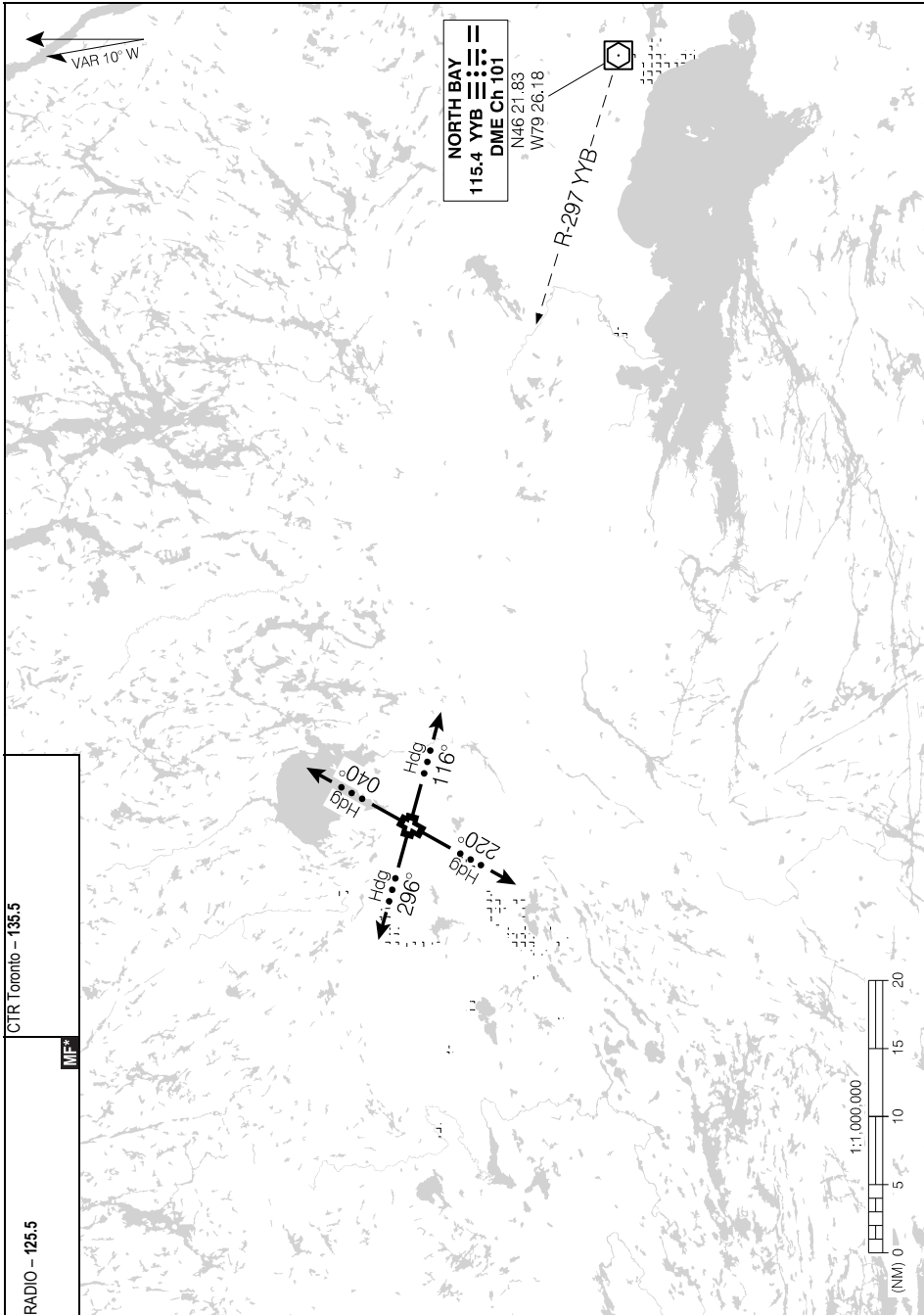
SID (VECTOR)

SUDBURY TWO DEP (CYSB2.)

CYSB-SID-1B

SUDBURY, ON

CYSB



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

SUDBURY TWO DEP (CYSB2.)

EFF 2 DEC 21

CYSB

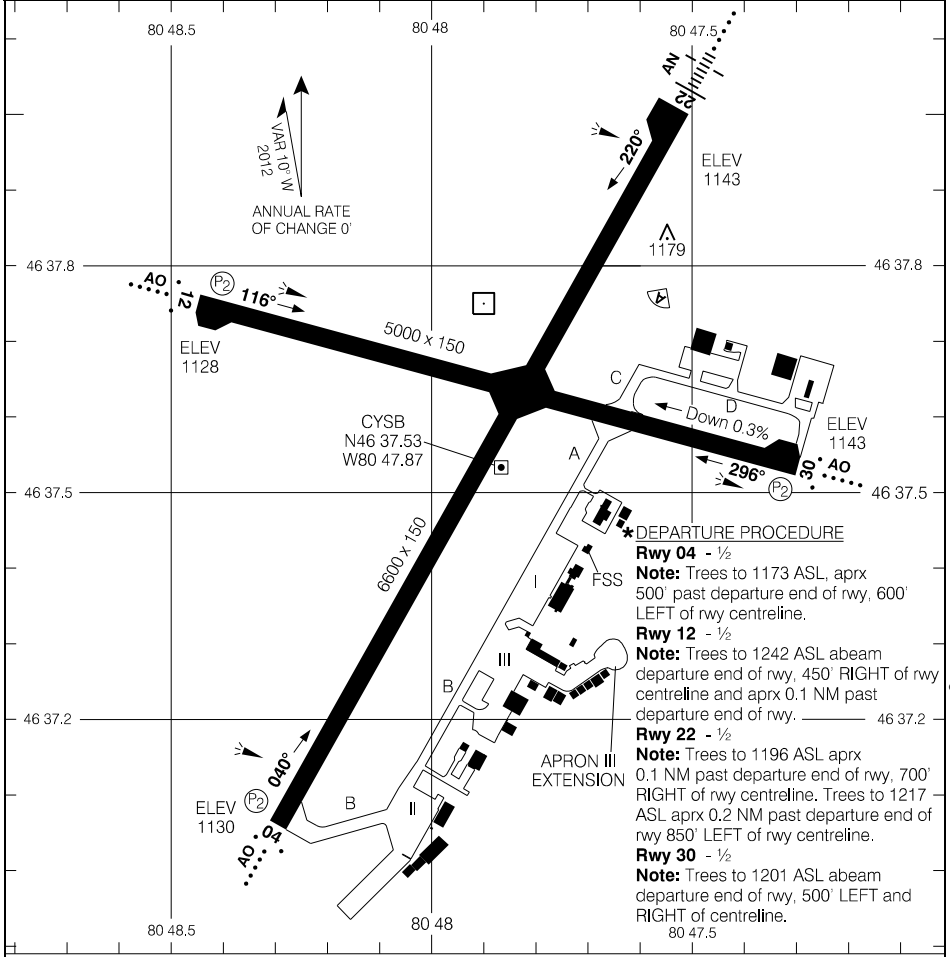
CYSB-SID-1B

Canada Air Pilot

Effective 0901Z 21 MAR 2024 to 0901Z 16 MAY 2024

AERODROME CHART

ATIS - 127.4		CLNC DEL - 121.8			RADIO - 125.5		CTR Toronto - 135.5	
DECL DISTS	04	22	12	30		MF*		
TORA	6600	6600	5000	5000				
TODA	7584	7584	5984	5984				
ASDA	6600	6600	5000	5000				
LDA	6600	6600	5000	5000				



***DEPARTURE PROCEDURE**

Rwy 04 - 1/2
Note: Trees to 1173 ASL, aprx 500' past departure end of rwy, 600' LEFT of rwy centreline.

Rwy 12 - 1/2
Note: Trees to 1242 ASL abeam departure end of rwy, 450' RIGHT of rwy centreline and aprx 0.1 NM past departure end of rwy.

Rwy 22 - 1/2
Note: Trees to 1196 ASL aprx 0.1 NM past departure end of rwy, 700' RIGHT of rwy centreline. Trees to 1217 ASL aprx 0.2 NM past departure end of rwy 850' LEFT of rwy centreline.

Rwy 30 - 1/2
Note: Trees to 1201 ASL abeam departure end of rwy, 500' LEFT and RIGHT of centreline.

RVO		LVO	
RWY 04, 22: RVR 1200 (1/4sm)		NOT AUTHORIZED	
TAKE-OFF MINIMA		SCALE IN FEET	
Rwys 04; 12; 22; 30: *		1000 0 1000	

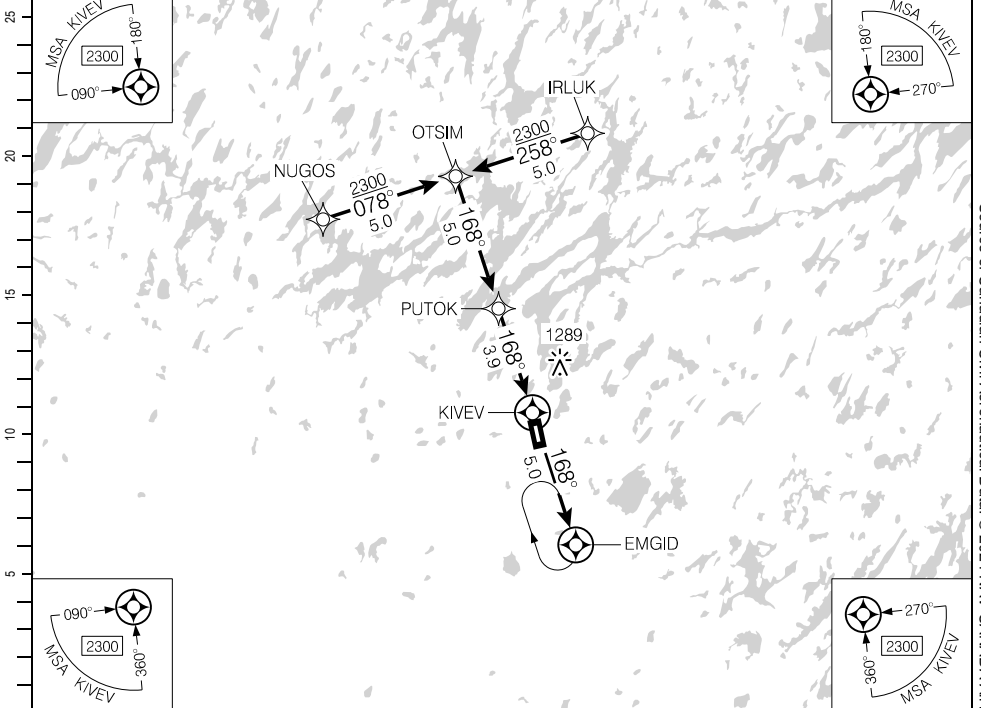
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 17

524231N 0883231W VAR 6°W

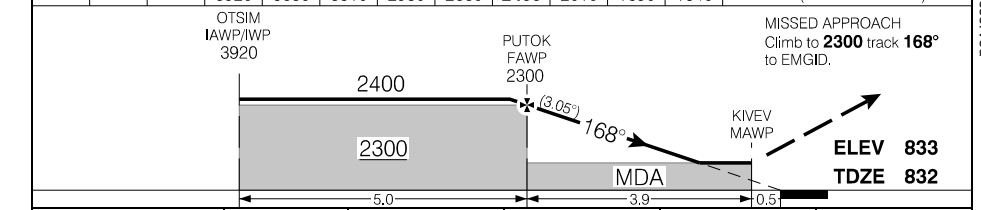
CJV7

		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		RNAV		APCH CRS 168°		MIN ALT PUTOK 2300	
				LDA 3509		AS 6.0°	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	8.9	8	7	6	5	4.2	3	2	0.9	DIST FROM KIVEV
	3920	3630	3310	2980	2660	2400	2010	1690	1340	ALT (3.05° APCH PATH)



RASS: Use CYLH.		OTSIM IAWP/IWP 3920	PUTOK FAWP 2300	MISSED APPROACH Climb to 2300 track 168° to EMGID.				
CATEGORY		A		B		C		D
RNAV		1340		(508)		1½		
Knots	ft/min	Min:Sec						
70	380							
90	490							
110	590							
130	700							
150	810							

RNAV (GNSS) RWY 17

CJV7

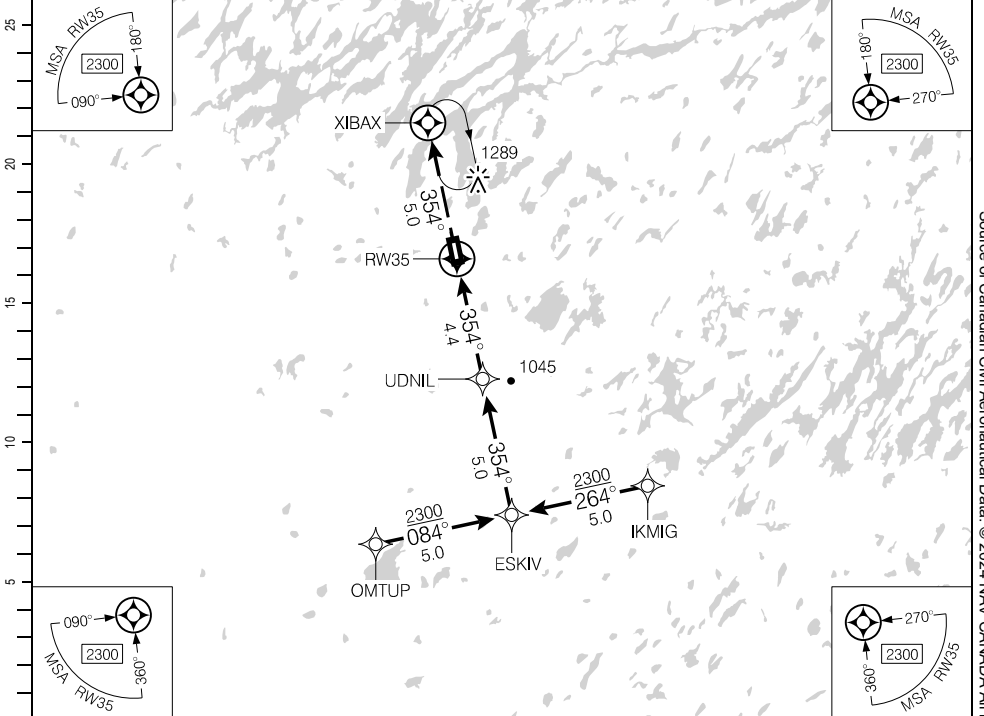
EFF 25 JAN 24

RNAV (GNSS) RWY 35

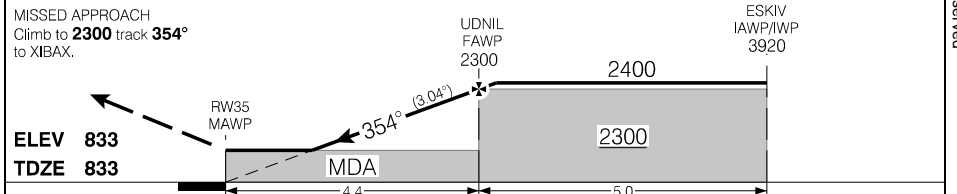
524231N 0883231W VAR 6°W

CJV7

		TFC - 123.2		ATF		ARCAL 123.2(K)	
SAFE ALT 100 NM 2700		RNAV		APCH CRS 354°		MIN ALT UDNIL 2300	
				LDA 3509		AS	



DIST FROM RW35		1.5	3	4	4.7	6	7	8	9.4		
ALT (3.04° APCH PATH)		1380	1850	2170	2400	2820	3140	3460	3920		



RASS: Use CYLH.			CATEGORY	A	B	C	D
LNAV			1380	(547)		1¼	
Knots	ft/min	Min:Sec					
70	380						
90	480						
110	590						
130	700						
150	810						

RNAV (GNSS) RWY 35

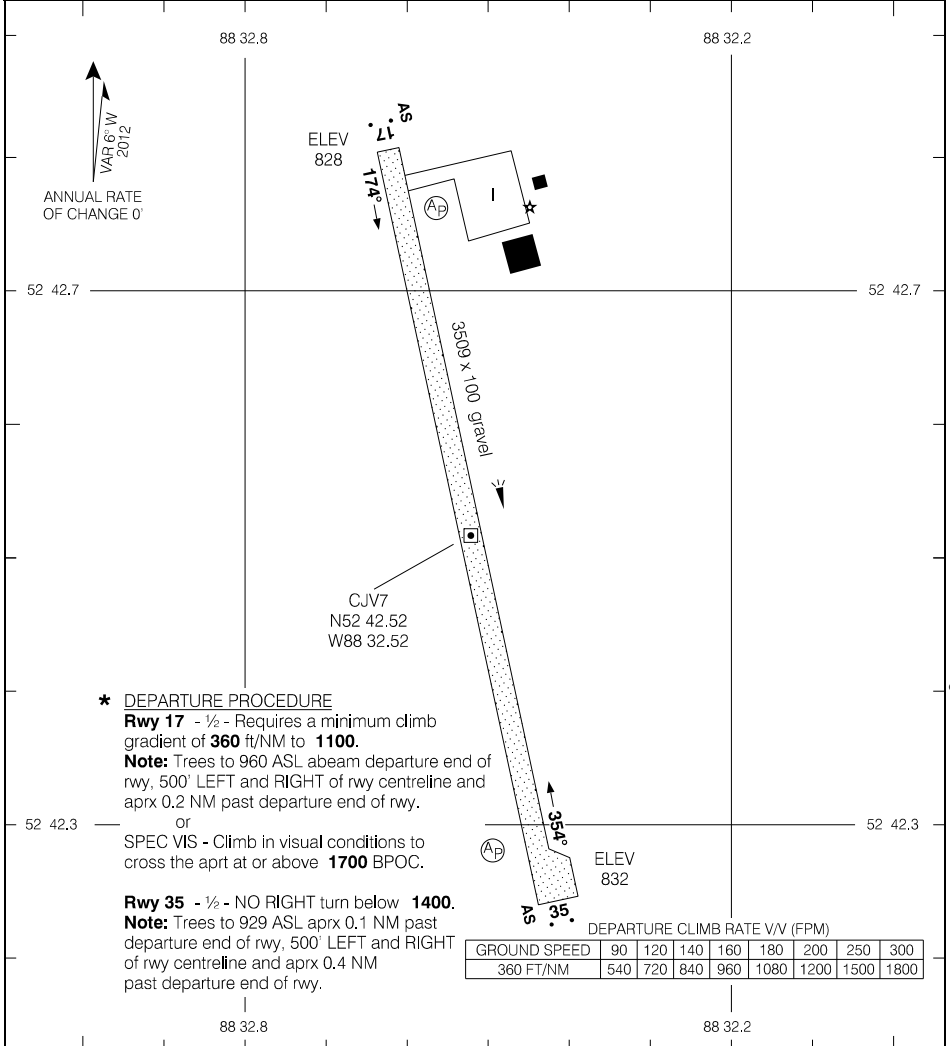
CJV7

EFF 21 MAY 20

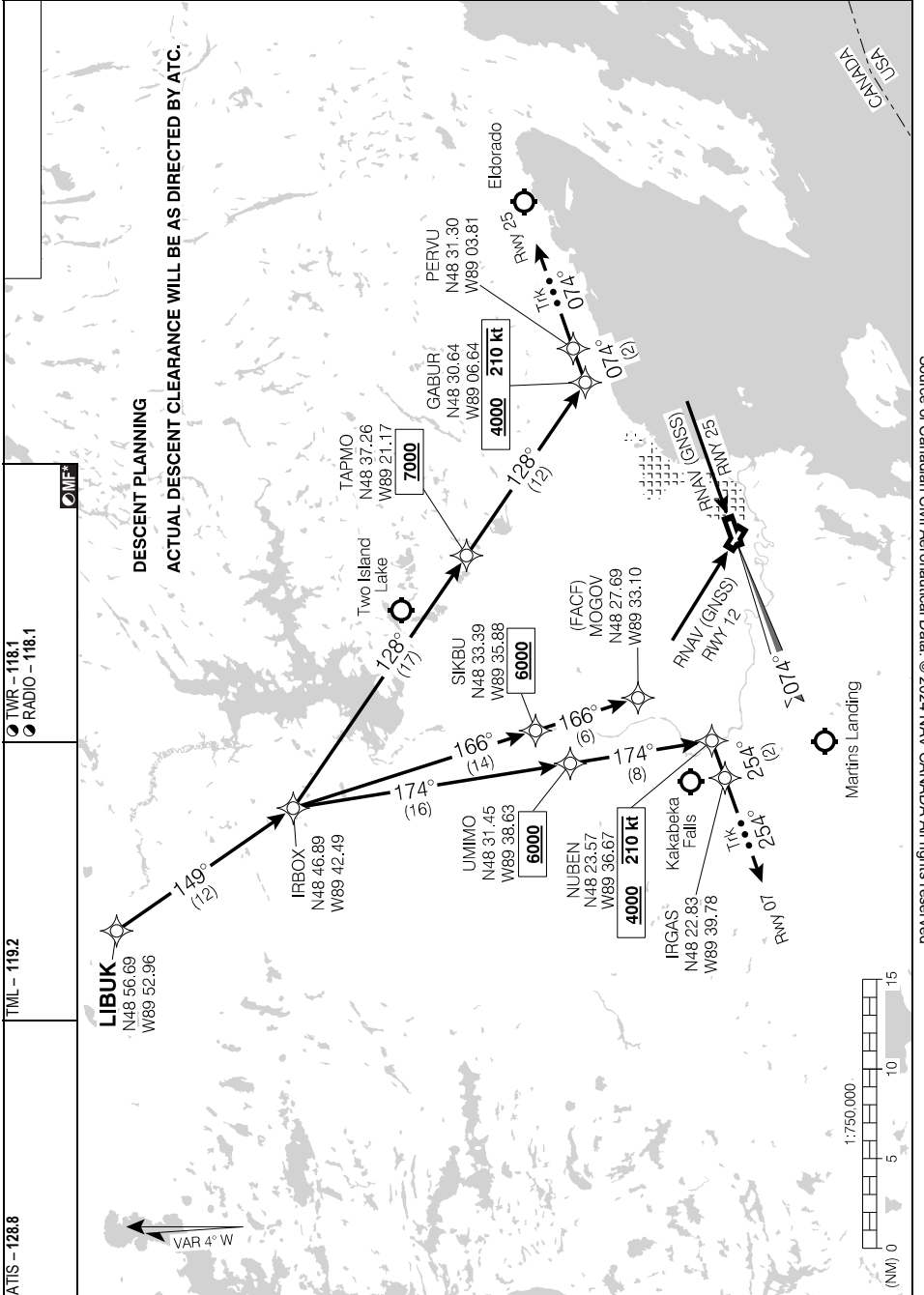
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 123.2		ATF	
DECL	DISTS	17	35				
TORA		3509	3509				
TODA		4493	4009				
ASDA		3509	3509				
LDA		3509	3509				



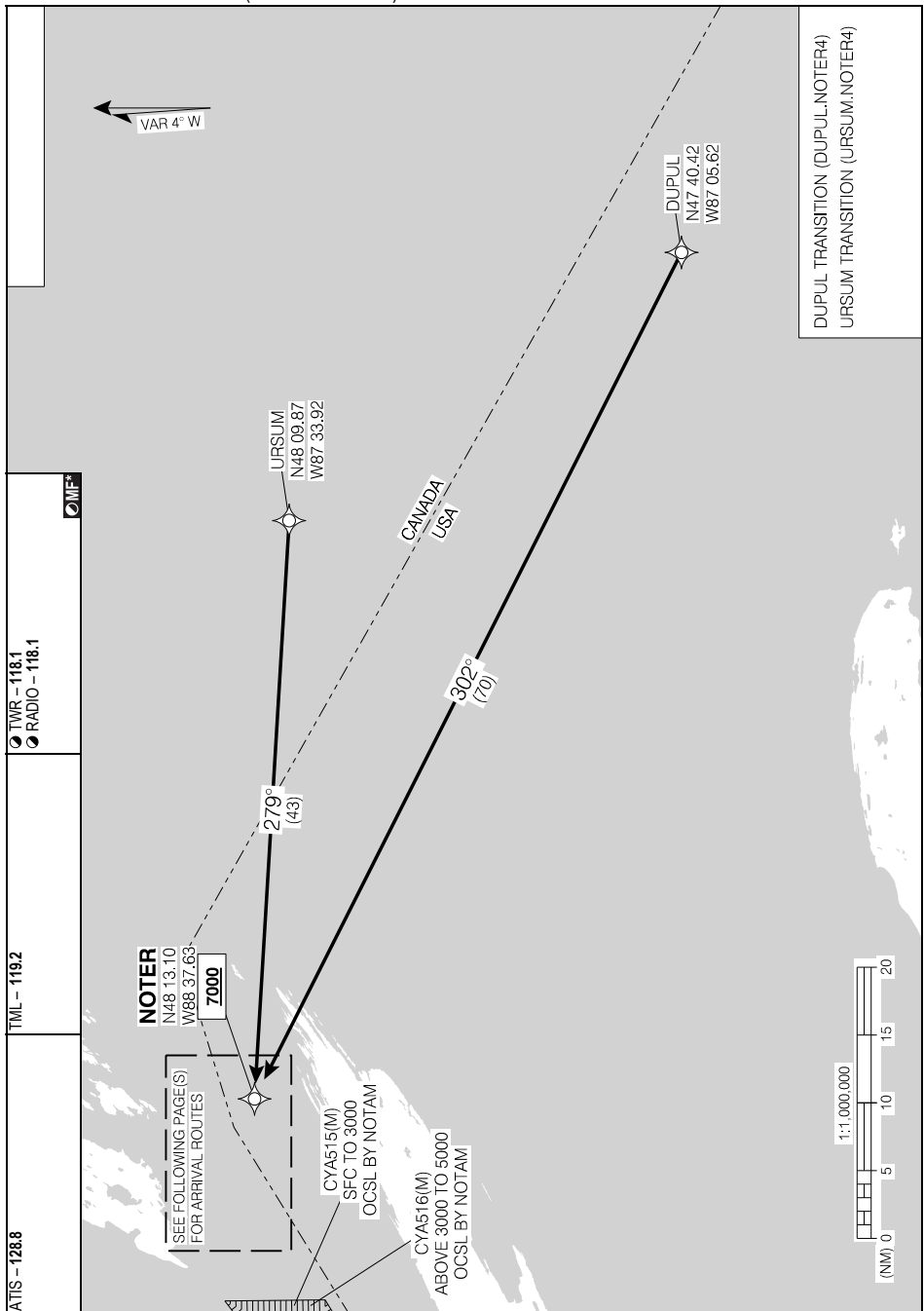
TAKE-OFF MINIMA	SCALE IN FEET
Rwys 17; 35: *	1000 0 1000



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NOTER FOUR ARR (NOTER.NOTER4) TRANSITION ROUTES

CYQT



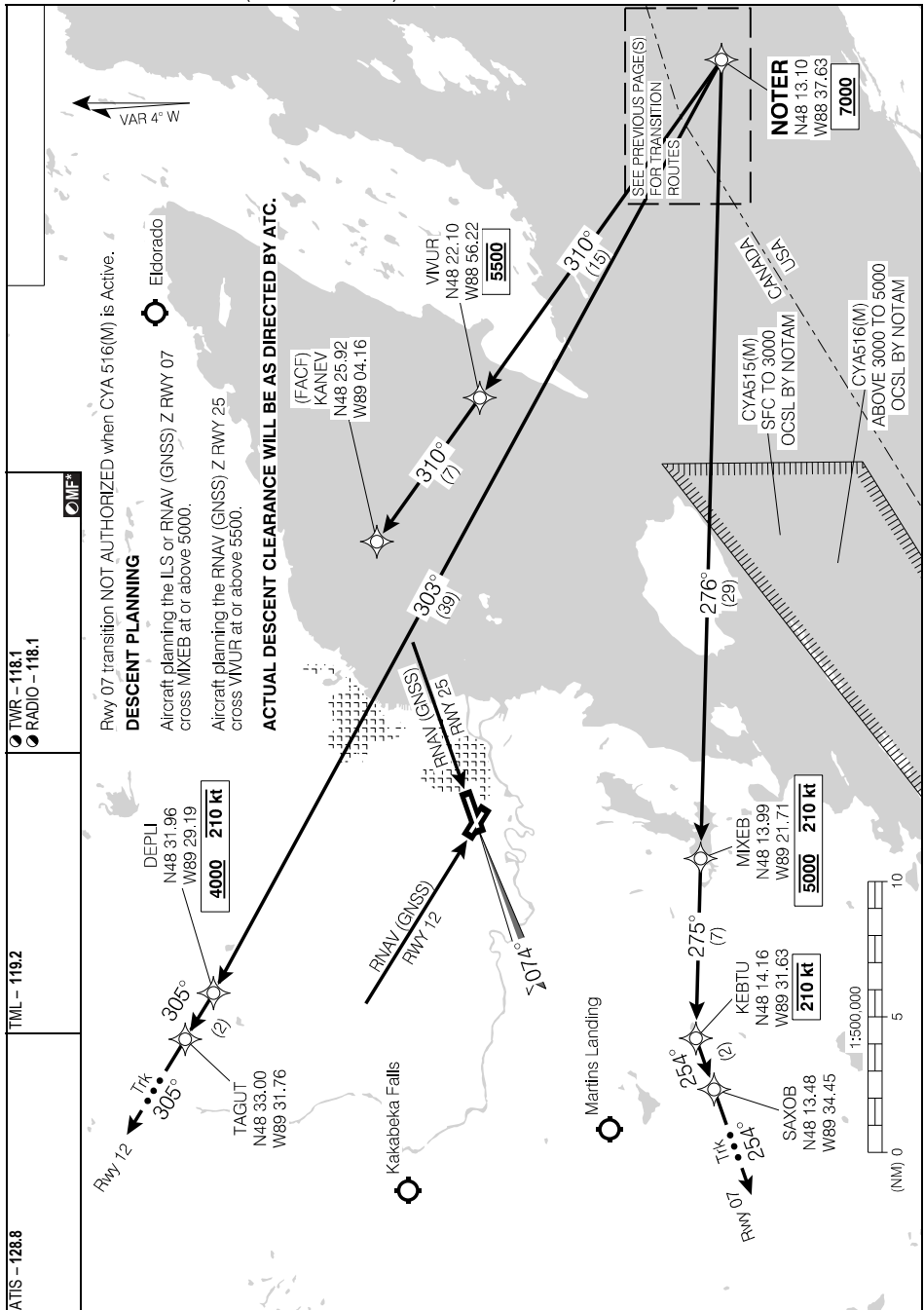
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NOTER FOUR ARR (NOTER.NOTER4) TRANSITION ROUTES

CYQT

EFF 25 JAN 24

NOTER FOUR ARR (NOTER.NOTER4) ARRIVAL ROUTES



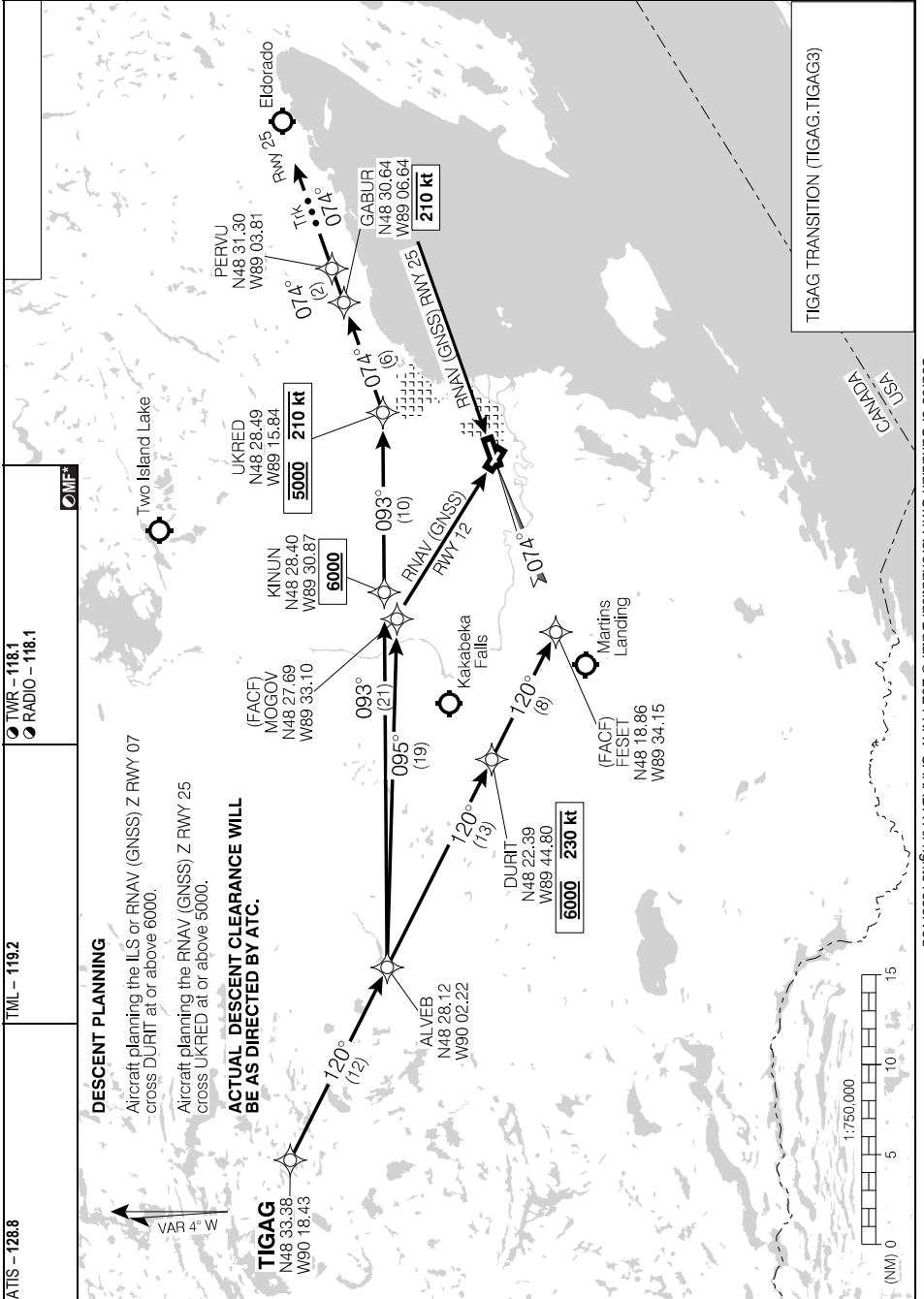
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

NOTER FOUR ARR (NOTER.NOTER4) ARRIVAL ROUTES

EFF 25 JAN 24

STAR (RNAV)
TIGAG THREE ARR (TIGAG.TIGAG3)

THUNDER BAY, ON
CYQT



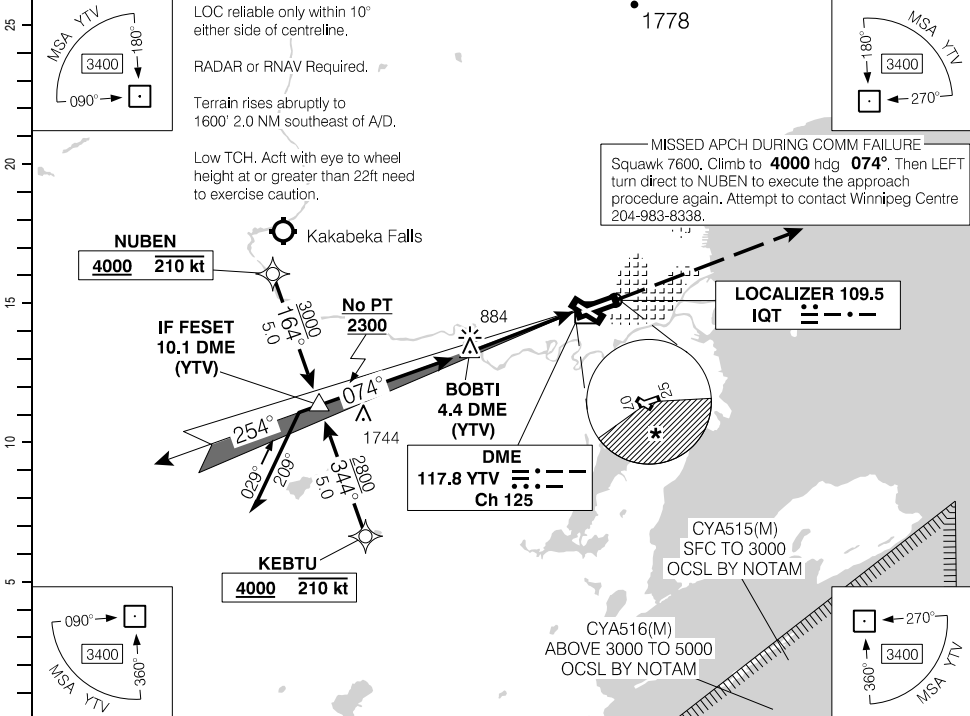
TIGAG THREE ARR (TIGAG.TIGAG3)
EFF 25 JAN 24

CYQT

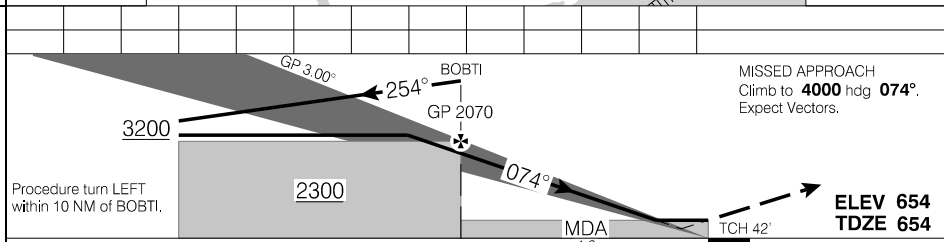
ILS RWY 07

482219N 0891918W VAR 4°W

ATIS - 128.8		TML - 119.2		TWR - 118.1 RADIO - 118.1		GND - 121.9 MF	
SAFE ALT 100 NM 3500		LOC IQT 109.5		APCH CRS 074°		GP BOBTI 2070	
				LDA 7318		AN (P2)	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



		CATEGORY	A	B	C	D
		ILS/DME	854		(200)	½ RVR 26
BOBTI to MAP 4.3 NM		LOC/DME	1060		(406)	1 RVR 50
Knots	ft/min	Min:Sec	* 1120 (466)	1½ * 1260 (606)	1 * 1340 (686)	2 * 1680 (1026)
70		3:41				
90		2:52				
110		2:21				
130		1:59				
150		1:43				

ILS RWY 07

CYQT

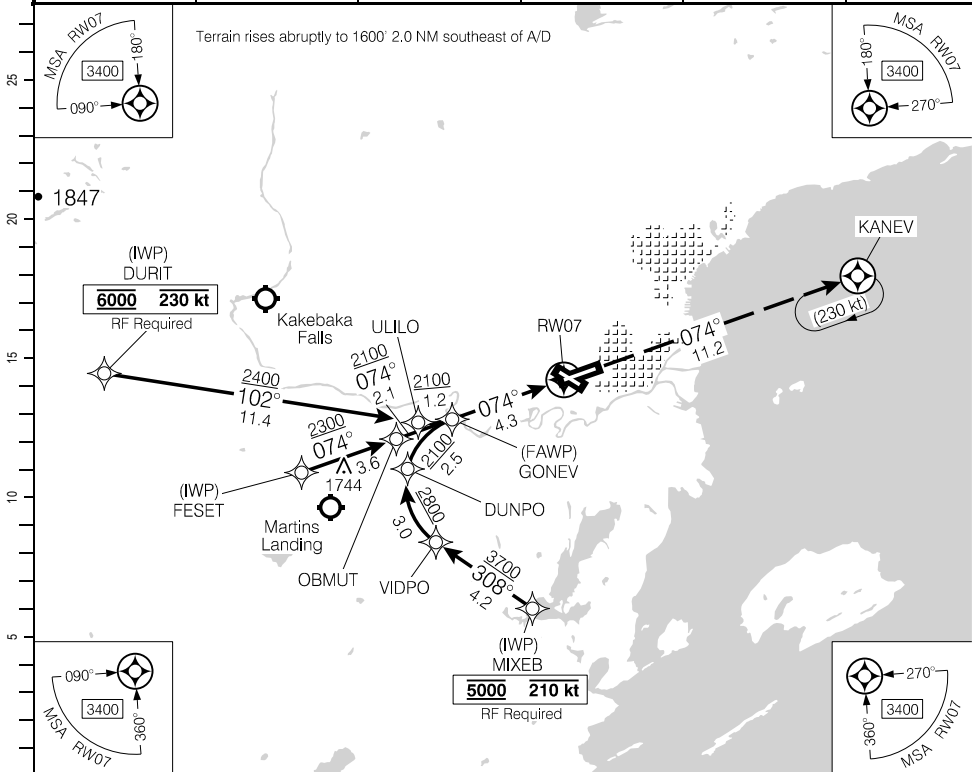
EFF 25 JAN 24

RNAV (RNP) Y RWY 07

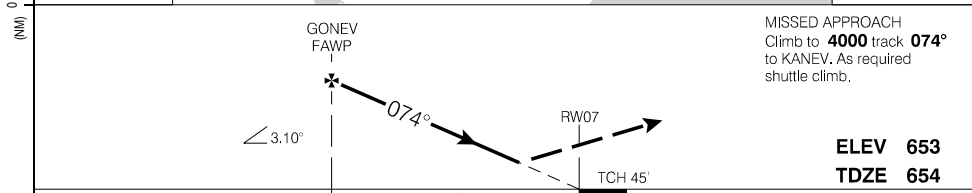
482219N 0891918W VAR 4°W

ATIS - 128.8	TML - 119.2	TWR - 118.1 RADIO - 118.1	GND - 121.9	AN (P2)
SAFE ALT 100 NM 3500	RNAV	APCH CRS 074°	MIN ALT GONEV 2100		LDA 7318

Terrain rises abruptly to 1600' 2.0 NM southeast of A/D



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



ELEV 653
TDZE 654

	CATEGORY	A	B	C	D
	RNP 0.15		1049	(396)	1 RVR 50
RNP 0.30		1141	(487)	1/4	
AUTHORIZATION REQUIRED (min. -25° C) (max. 54° C)					

RNAV (RNP) Y RWY 07

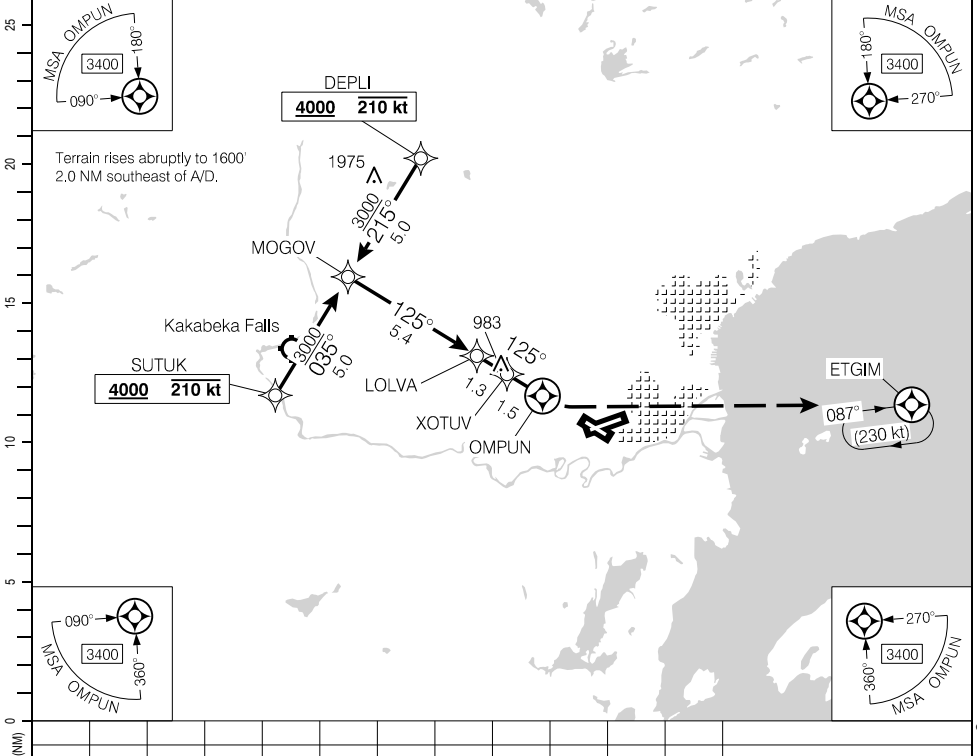
CYQT

EFF 25 JAN 24

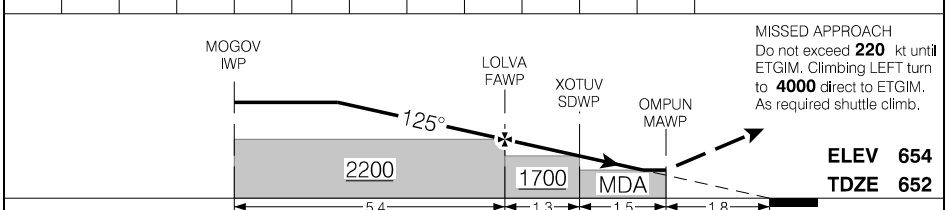
RNAV (GNSS) Z RWY 12

482219N 0891918W VAR 4°W

ATIS - 128.8	TML - 119.2	TWR - 118.1 RADIO - 118.1	GND - 121.9	AD-AS
SAFE ALT 100 NM 3500	RNAV	APCH CRS 125°	MIN ALT LOLVA 2200		LDA 5297



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



			CATEGORY	A	B	C	D
			RNAV	1220		(568)	2¼
Knots	ft/min	Min:Sec					
70							
90							
110							
130							
150							

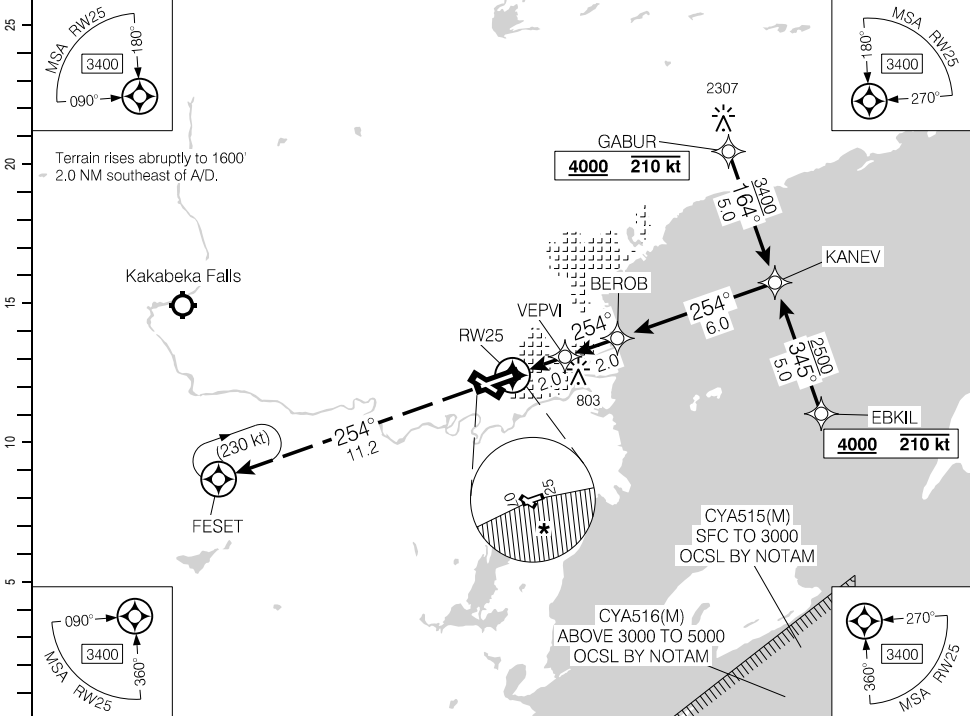
RNAV (GNSS) Z RWY 12

EFF 25 JAN 24

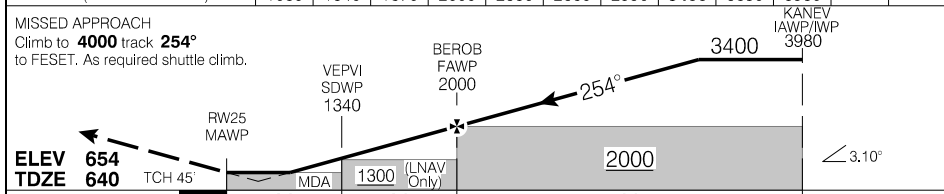
RNAV (GNSS) Z RWY 25

482219N 0891918W VAR 4°W

ATIS - 128.8		TML - 119.2		TWR - 118.1 RADIO - 118.1		GND - 121.9 MF		(P2)	
SAFE ALT 100 NM 3500		WAAS Ch 80125 W25A		APCH CRS 254°		MIN ALT BEROB 2000			LDA 7318



DIST FROM RW25	1.1	2	3	4	5	6	7	8.2	9	10		
ALT (3.10° APCH PATH)	1060	1340	1670	2000	2330	2660	2990	3400	3650	3980		



			CATEGORY	A	B	C	D
			LPV	889	(250)		1
			LNAV/VNAV (min. -25°C, max. 54°C)	965	(326)		1
			LNAV	1060	(421)		1/4
			<input checked="" type="checkbox"/> CIRCLING	* 1120 (466) 1/2	* 1260 (606) 1/2	* 1340 (686) 2	* 1680 (1026) 3

RNAV (GNSS) Z RWY 25

CYQT

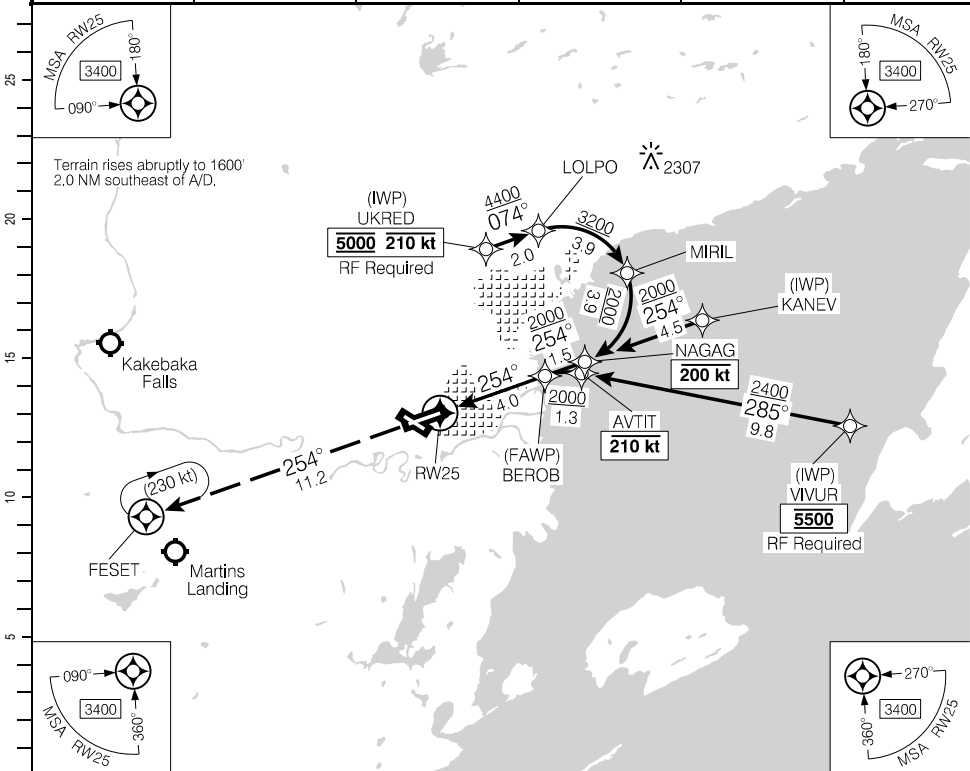
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (RNP) Y RWY 25

482219N 0891918W VAR 4°W

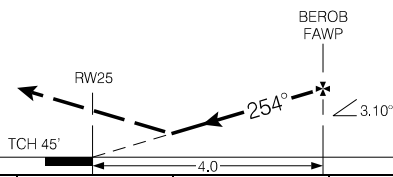
ATIS - 128.8	TML - 119.2	TWR - 118.1 RADIO - 118.1	GND - 121.9	P2
SAFE ALT 100 NM 3500	RNAV	APCH CRS 254°	MIN ALT BEROB 2000		LDA 7318



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

MISSED APPROACH
Climb to **4000** track **254°** to FESET.
As required shuttle climb.

ELEV **654**
TDZE **640**



	CATEGORY	A	B	C	D
	RNP 0.15		964	(325)		1
AUTHORIZATION REQUIRED (min. -25° C) (max. 54° C)	RNP 0.30	1064	(425)		1½

RNAV (RNP) Y RWY 25
EFF 25 JAN 24

CYQT

Departure Route Description

Unless otherwise assigned by ATC: Maintain **4000**.

Rwy 25: Climb hdg **254°**. Expect vectors to LESIS, then proceed on track **121°** to BOTIT, then on track **122°** for vectors on course. No turns below **1700** unless assigned by ATC.

Rwy 30: Climb hdg **305°**. Expect vectors to LESIS, then proceed on track **121°** to BOTIT, then on track **122°** for vectors on course. No turns below **1700** unless assigned by ATC.

BOTIT TRANSITION: (LESIS3.BOTIT)

Communication Failure

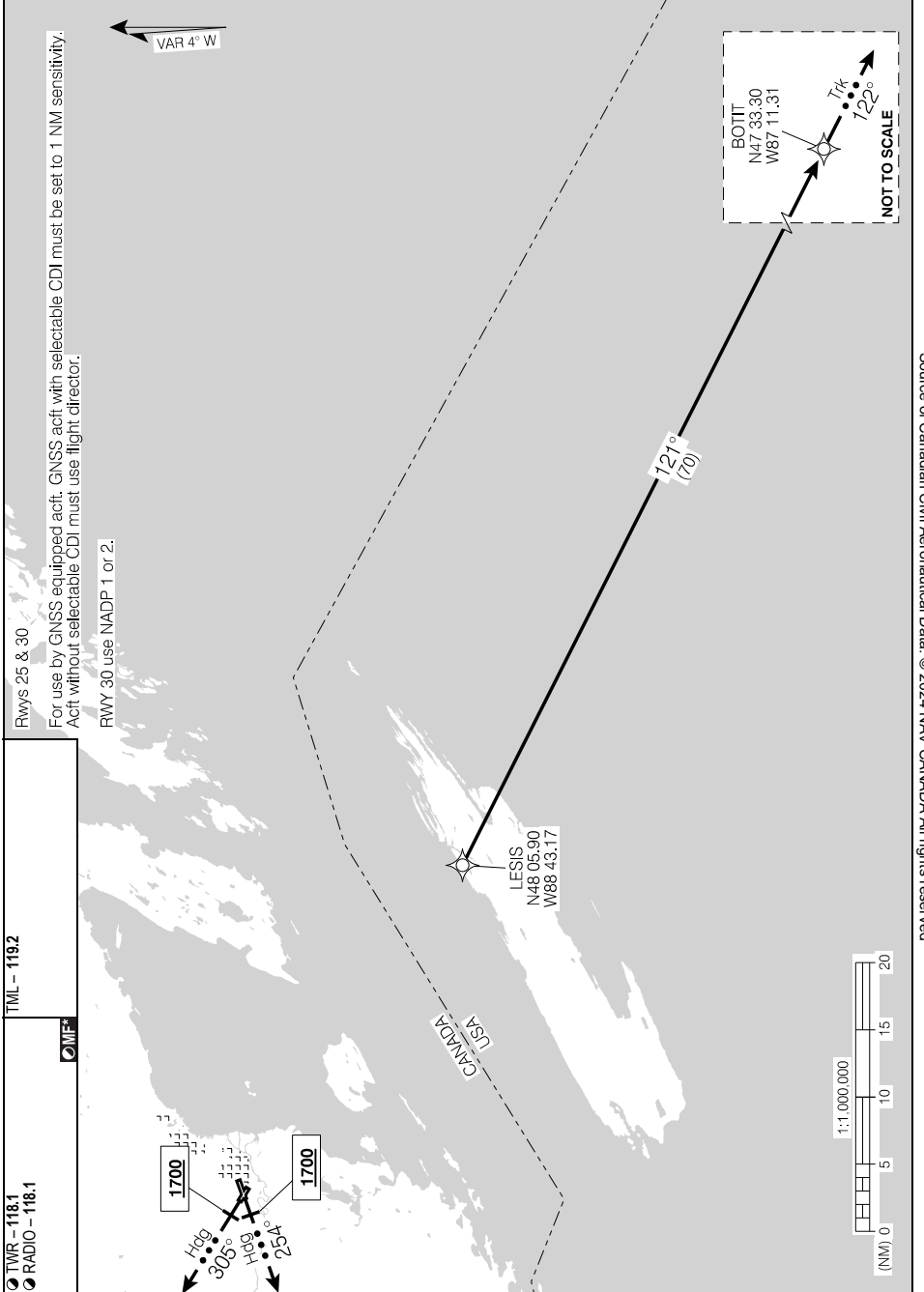
On recognition of failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Upon reaching last assigned altitude proceed via depicted route;
3. Upon reaching end of depicted route proceed on course, then;
4. Climb to flight planned altitude.

Note: If failure occurs more than 10 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

SID (RNAV)
LESIS THREE DEP (LESIS3.)

THUNDER BAY, ON
CYQT



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

LESIS THREE DEP (LESIS3.)

CYQT

EFF 21 MAR 24

Departure Route Description

Unless otherwise assigned by ATC: Maintain **4000**.

Rwy 07: Climb hdg **074°**. Expect vectors to NUBOM, then proceed on track **121°** to ALNAN, then on track **122°** for vectors on course. No RIGHT turn below **1800**.

Communication Failure

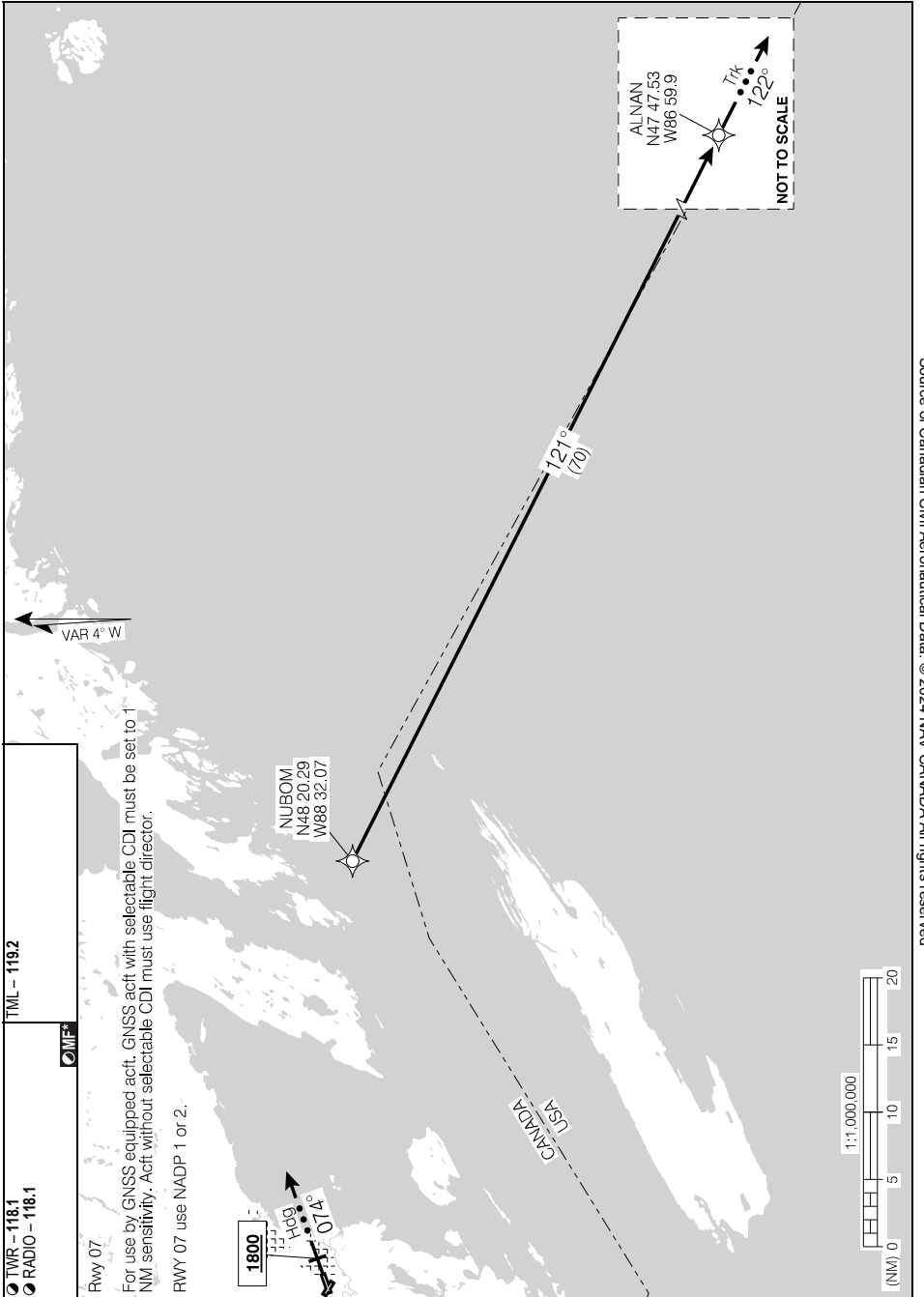
On recognition of failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Upon reaching last assigned altitude proceed via depicted route;
3. Upon reaching end of depicted route proceed on course, then;
4. Climb to flight planned altitude.

Note: If failure occurs more than 10 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

SID (RNAV)
NUBOM TWO DEP (NUBOM2.)

THUNDER BAY, ON
CYQT



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

NUBOM TWO DEP (NUBOM2.)
EFF 25 JAN 24

CYQT

Departure Route Description

All rws: Maintain **4000** or flight planned altitude, whichever is lower. Expect radar vectors to filed/assigned route. Expect clearance to flight planned altitude/flight level within 10 minutes after departure.

Rwy 07: Climb hdg **074°** for vectors. No RIGHT turn below **1800**.

Rwy 12: Requires a minimum climb gradient of **450 ft/NM** to **1100**. Do NOT exceed 180 kt prior to completion of initial LEFT turn. Climb hdg **125°** to **1100**. Then climbing LEFT turn hdg **080°** for vectors.

Rwy 25: Climb hdg **254°** for vectors. No turns below **1700** unless assigned by ATC.

Rwy 30: Climb hdg **305°** for vectors. No turns below **1700** unless assigned by ATC.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
450 FT/NM	680	900	1050	1200	1350	1500	1880	2250

Note: Refer to Noise Abatement Procedures for additional requirements.

Communication Failure

On recognition of failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows:

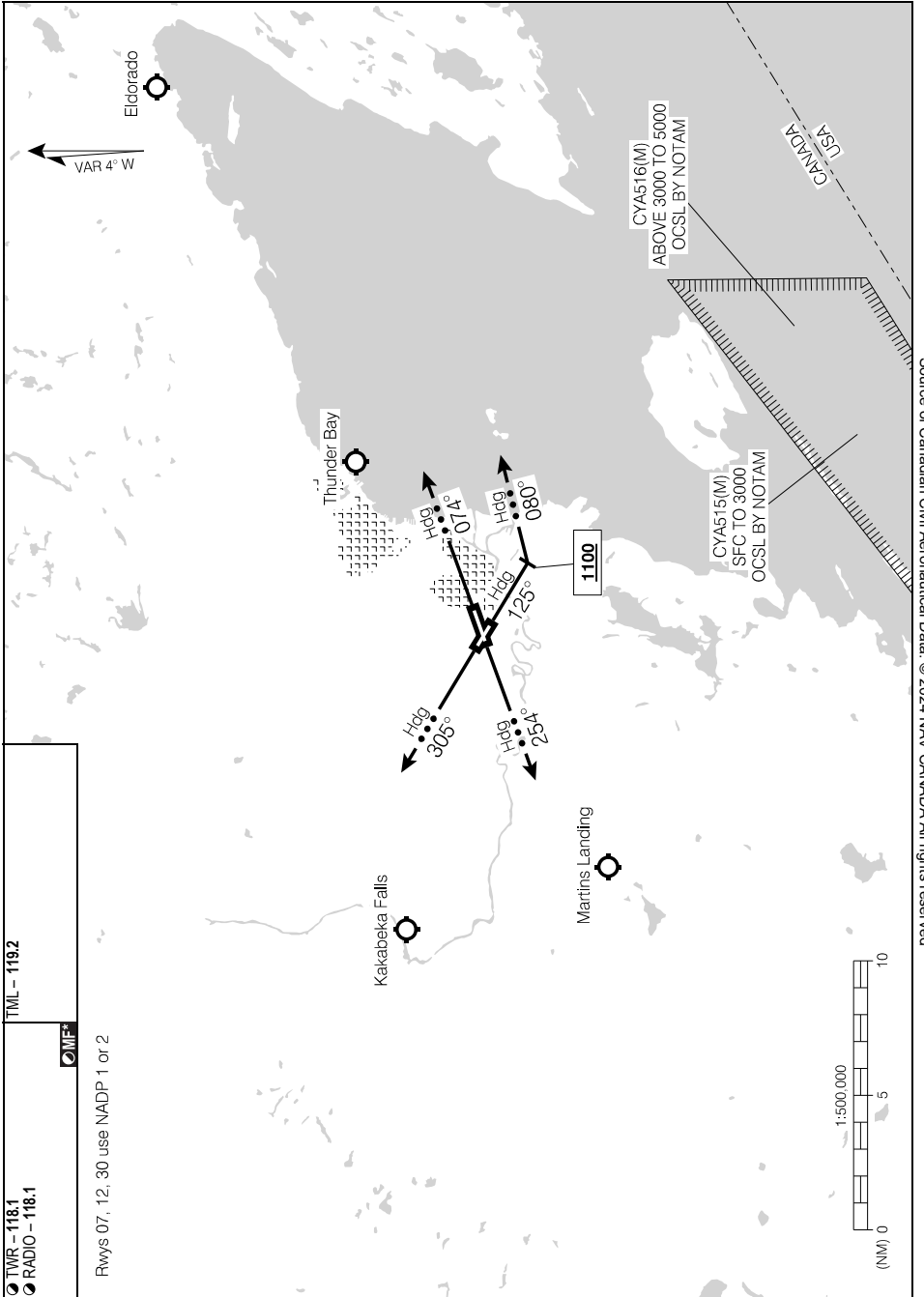
1. Select transponder code 7600;
2. Upon reaching last assigned altitude proceed via depicted route;
3. Maintain last assigned altitude for 10 minutes after take-off, then;
4. Climb to flight planned altitude.

Note: If failure occurs more than 10 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

SID (VECTOR)

THUNDER BAY ONE DEP (CYQT1.)

THUNDER BAY, ON
CYQT



TWR - 118.1
 RADIO - 118.1
 MF*

Rwys 07, 12, 30 use NADP 1 or 2

THUNDER BAY ONE DEP (CYQT1.)

CYQT

EFF 25 JAN 24

DEPARTURE PROCEDURE

Departure Procedure

Rwy 07 – ½: Climb between hdg **100°** CCW to **255°**.

Note: Trees to 679 ASL aprx 0.2 NM past departure end of rwy, 750' RIGHT of rwy centreline.

Rwy 12 – ½: Requires a minimum climb gradient of **400 ft/NM** to **1100**. Do NOT exceed 180 kt prior to completion of initial LEFT turn. Climbing LEFT turn between hdg **095°** CCW to **305°**.

Note: Trees to 689 ASL aprx 0.2 NM past departure end of rwy, 650' RIGHT of rwy centreline.

or

SPEC VIS - Climb in visual conditions to cross the aprt at or above **2100** BPOC.

Rwy 25 – ½: Climb between hdg **238°** CW to **074°**.

Note: Trees to 689 ASL aprx 0.2 NM past departure end of rwy, 600' LEFT of rwy centreline.

Rwy 30 – ½: Climb between hdg **170°** CW to **100°**.

Note: Trees to 735 ASL aprx 0.2 NM past departure end of rwy, 700' LEFT and RIGHT of rwy centreline.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

NOISE ABATEMENT PROCEDURES

All Aircraft**Preferential Runway Determination**

Consistent with safe aircraft operating procedures, controllers will assign runways to divert as many departures and arrivals as possible from flight over noise-sensitive areas. Unless operational conditions do not permit, pilots shall accept runways as assigned by ATC. When the tower is not in operation, pilots will be expected to use the preferred order for runway usage shown below.

Arrivals: 07, 12, 25, 30

Departures: 25, 30, 07, 12

Arrival Procedures

1. Circuit height **1650'** ASL (weather permitting). Right hand circuits rwys 25 & 30.
2. Consistent with safe aircraft operating procedures, arriving aircraft should be flown to give the best possible performance with respect to noise abatement, (i.e. extension of wing flap, spoilers, landing gear, engine power/thrust settings).

Turbo-Jet/Turbo-Fan**Departure Procedures**

Rwy	NADP
07, 12, 30	1 or 2

Rwy 25 – Unrestricted.

Rwy 30 – Aircraft on right turnout – climb to **3300'** ASL before proceeding on course.

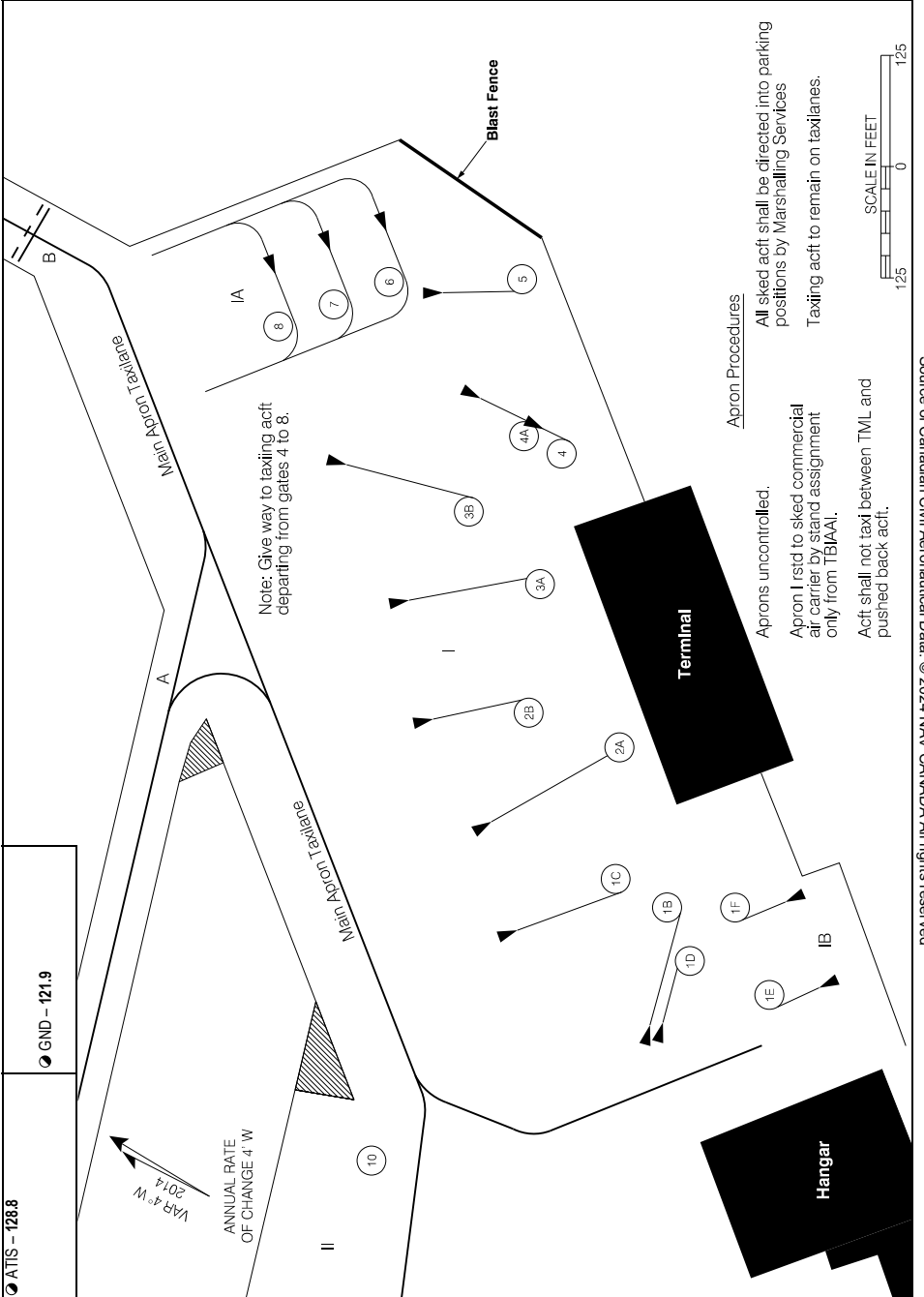
Rwy 07 – Climb to **3400'** ASL before proceeding on course.

Rwy 12 – Climb to **3000'** ASL, turning as required during climb.

Night Restrictions (00:30 – 06:00 hrs local time)

1. The introduction of additional scheduled flights between 0030 to 0600 local time, are NOT permitted unless authorized by the Airport Manager.
2. The use of Thunder Bay Airport by turbo-jet/turbo-fan aircraft for technical stops or charter operation between 0030 to 0600 local time, are NOT permitted unless authorized by the Airport Manager.
3. Turbo-jet/turbo-fan aircraft previously authorized to depart between 0030 to 0600 local time, will depart on rwy 30 only unless operational conditions warrant departure on another runway.
4. Turbo-jet/turbo-fan aircraft previously authorized to arrive between 0030 to 0600 local time, will land on rwy 12 only unless operational conditions warrant landing on another runway.
5. Under extenuating circumstances authorization to operate between 0030 to 0600 local time may be granted by Thunder Bay International Airports Authority Inc. (TBIAAI). Preference will be given to aircraft meeting noise certification standards (ICAO Annex 16). Contact Airport Security at (807) 473-2612, 11:00Z to 05:00Z.

PARKING AREAS



Apron Procedures
 All sked a/c shall be directed into parking positions by Marshalling Services
 Taxiing a/c to remain on taxiways.

Aprons uncontrolled.
 Apron used to sked commercial air carrier by stand assignment only from TBIAAL.
 A/c shall not taxi between TML and pushed back a/c.



PARKING AREAS

PARKING AREAS

Aircraft Parking Position

Position	Coordinates	Position	Coordinates
1B	482217.78N 0891847.56W	3B	482222.20N 0891843.42W
1C	482218.44N 0891847.55W	4	482221.51N 0891841.70W
1D	482217.61N 0891848.07W	4A	482221.84N 0891841.74W
1E	482216.32N 0891848.11W	5	482222.93N 0891840.12W
1F	482217.16N 0891847.16W	6	482224.27N 0891840.57W
2A	482219.47N 0891846.12W	7	482224.68N 0891841.37W
2B	482220.48N 0891845.78W	8	482225.10N 0891842.18W
3A	482221.25N 0891844.20W	10	482219.40N 0891853.46W

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PARKING AREAS

EFF 5 NOV 20

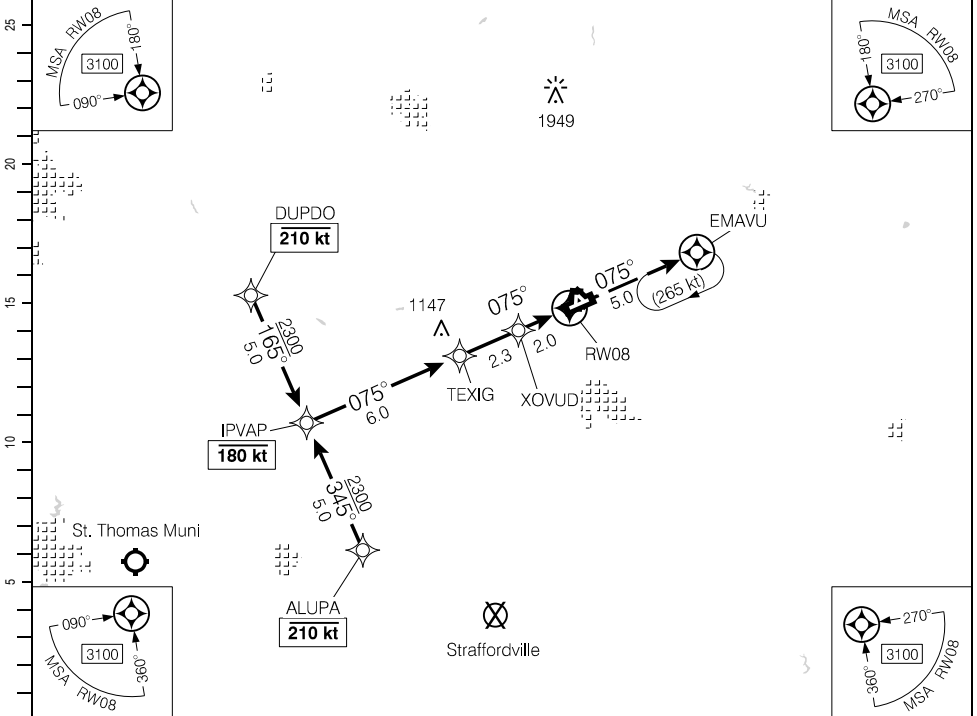
CYQT

RNAV (GNSS) RWY 08

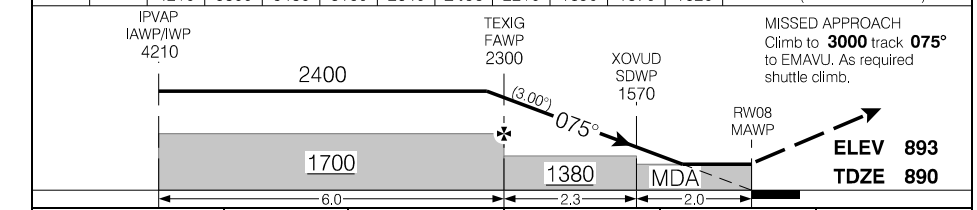
425535N 0804449W VAR 9°W

CYTB

CTR Toronto – 135.3		UNICOM – 123.0		ARCAL 123.0(J)	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 075°	MIN ALT TEXIG 1700	LDA 5502	ATF



(NM)	10.3	9	8	7	6	4.6	4	3	2	1.2	DIST FROM RWY08
	4210	3800	3480	3160	2840	2400	2210	1890	1570	1320	ALT (3.00° APCH PATH)



RASS: Use CYXU.			CATEGORY	A	B	C	D
LNAV			1320	(436)	1½		
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 08

CYTB

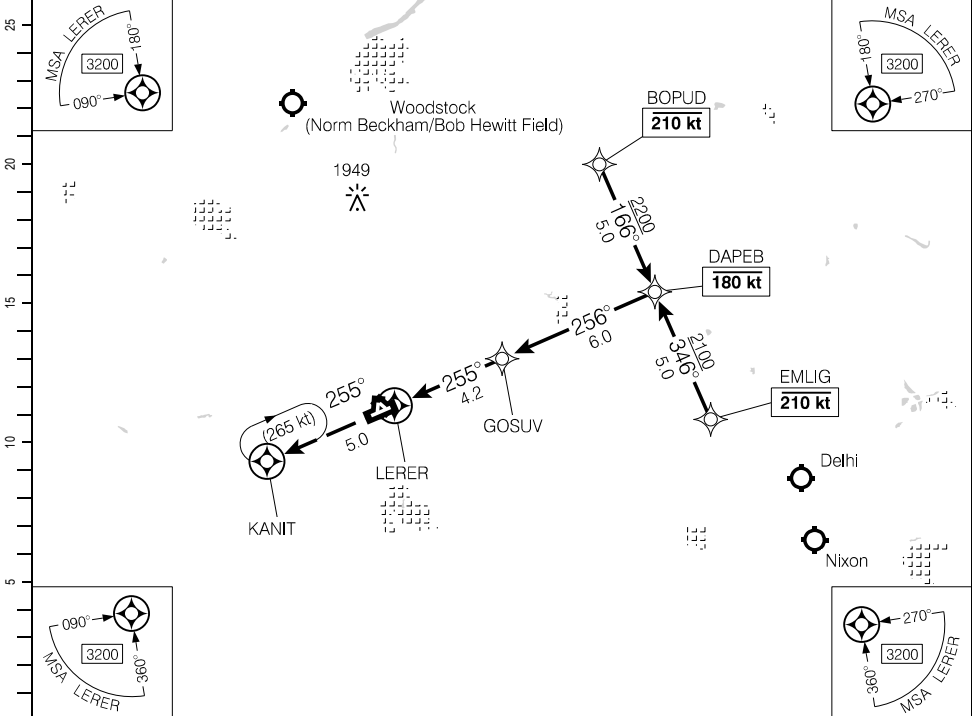
EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

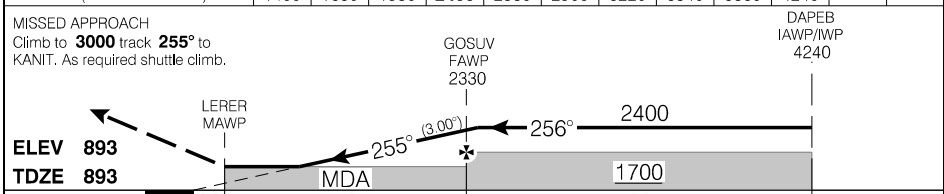
RNAV (GNSS) RWY 26

425535N 0804449W VAR 9°W

CTR Toronto – 135.3		UNICOM – 123.0			ARCAL 123.0(J)
SAFE ALT 100 NM 4900	RNAV	APCH CRS 255°	MIN ALT GOSUV 1700	LDA 4502	ATF



DIST FROM LERER	1.3	2	3	4.4	5	6	7	8	9	10.2
ALT (3.00° APCH PATH)	1400	1630	1950	2400	2580	2900	3220	3540	3860	4240



RASS: Use CYXU.	CATEGORY	A	B	C	D
	RNAV	1400 (510)		1½	
Knots	ft/min	Min:Sec			
70	370				
90	480				
110	580				
130	690				
150	800				

RNAV (GNSS) RWY 26

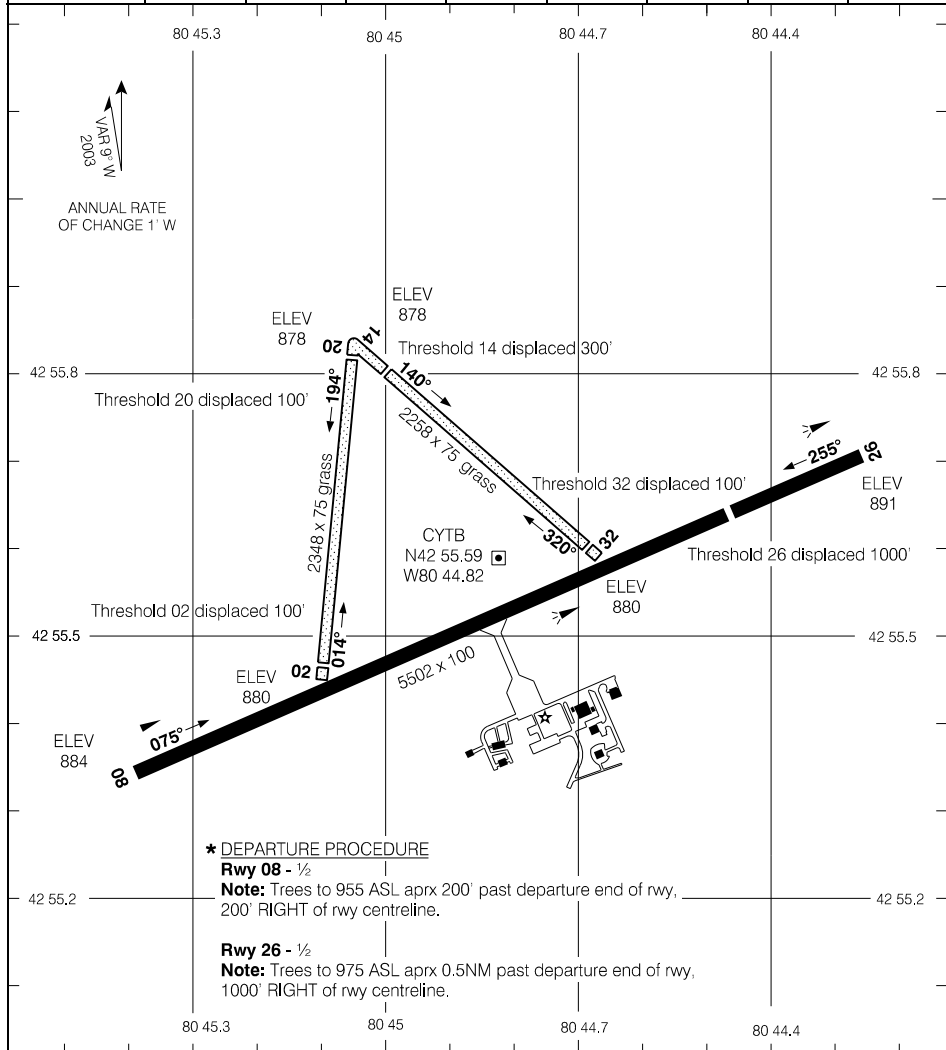
CYTB

EFF 25 JAN 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART

						CTR Toronto - 135.3
						UNICOM - 123.0
						ATF
DECL DISTS	02	20	08	26	14	32
TORA	2348	2348	5502	5502	2258	2258
TODA	2348	2348	5502	6486	2258	2258
ASDA	2348	2348	5502	5502	2258	2258
LDA	2248	2248	5502	4502	1958	2158



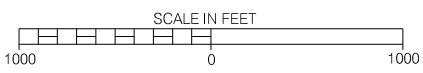
* DEPARTURE PROCEDURE

Rwy 08 - 1/2
Note: Trees to 955 ASL aprx 200' past departure end of rwy,
200' RIGHT of rwy centreline.

Rwy 26 - 1/2
Note: Trees to 975 ASL aprx 0.5NM past departure end of rwy,
1000' RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 08; 26: ★
Rwys 02; 14; 20; 32: NOT ASSESSED



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

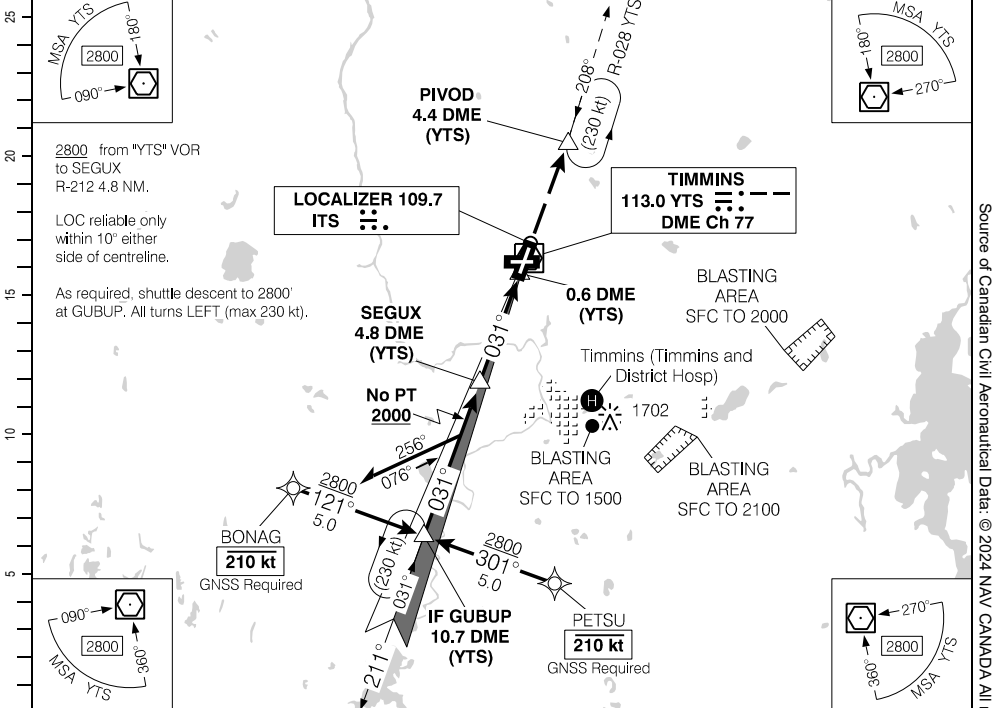
AERODROME CHART

CYTB

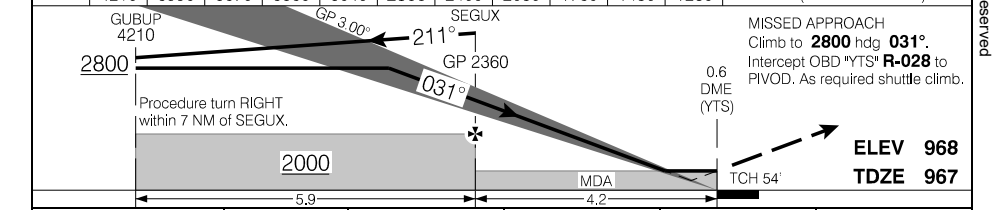
EFF 23 FEB 23

ILS RWY 03

ATIS – 124.95		CTR Toronto – 128.3		RADIO – 122.3		
SAFE ALT 100 NM 3500	LOC ITS 109.7	APCH CRS 031°	GP SEGUX 2360	LDA 6000		



(NM)	10.7	10	9	8	7	6.3	5	4	3	2	1.5	DIST FROM DME (YTS)
	4210	3990	3670	3360	3040	2800	2400	2080	1760	1450	1280	ALT (3.00° APCH PATH)



		CATEGORY	A	B	C	D
		ILS/DME	1167		(200)	½ RVR 26
		LOC/DME	1280		(313)	1 RVR 50
		<input checked="" type="checkbox"/> CIRCLING	1340 (372) 1½	1420 (452) 1½	1500 (532) 2	1680 (712) 2¼
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

ILS RWY 03

EFF 15 JUN 23

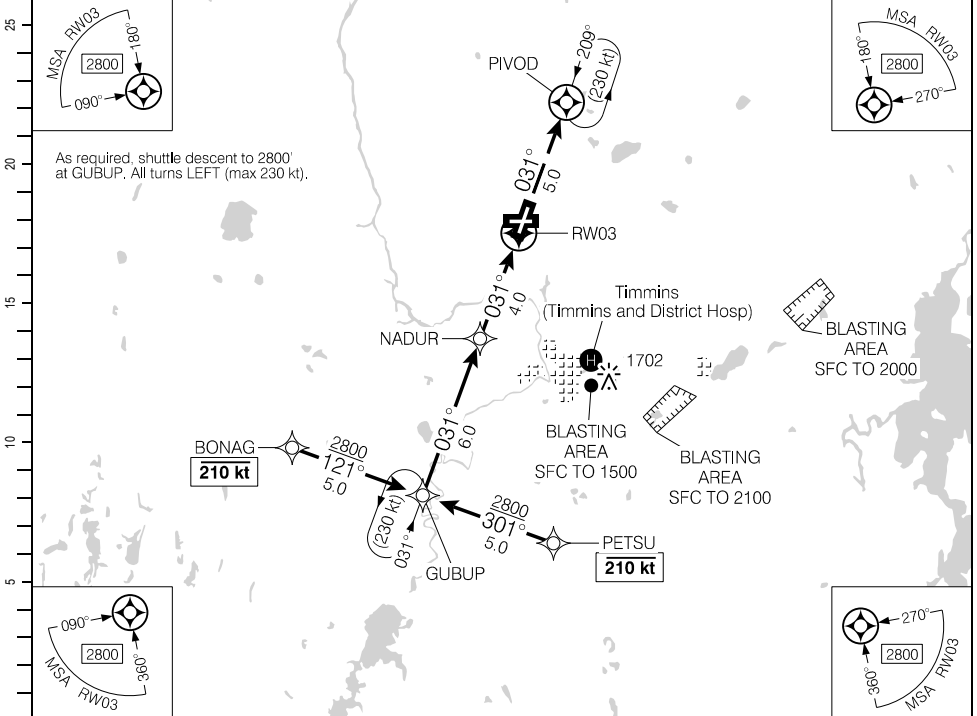
CYTS

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 03

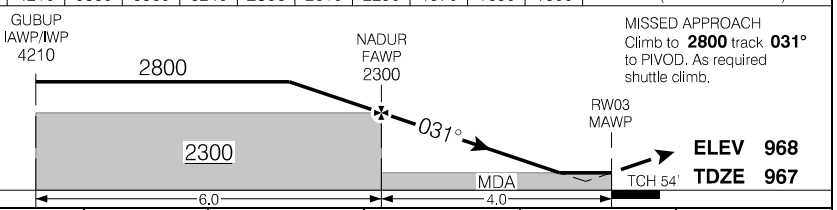
483414N 0812236W VAR 11°W

ATIS - 124.95		CTR Toronto - 128.3		RADIO - 122.3		
SAFE ALT 100 NM 3500	WAAS Ch 80863 W03A	APCH CRS 031°	MIN ALT NADUR 2300		LDA 6000	



As required, shuttle descent to 2800' at GUBUP. All turns LEFT (max 230 kt).

(NM)	10	9	8	7	5.6	5	4	3	2	0.9	DIST FROM RW03
	4210	3880	3560	3240	2800	2610	2290	1970	1650	1300	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1159	(200)	½ RVR 26	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -19°C, max. 54°C)	1209	(250)	1 RVR 50	
70	370		LNAV	1300	(341)	1 RVR 50	
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 03

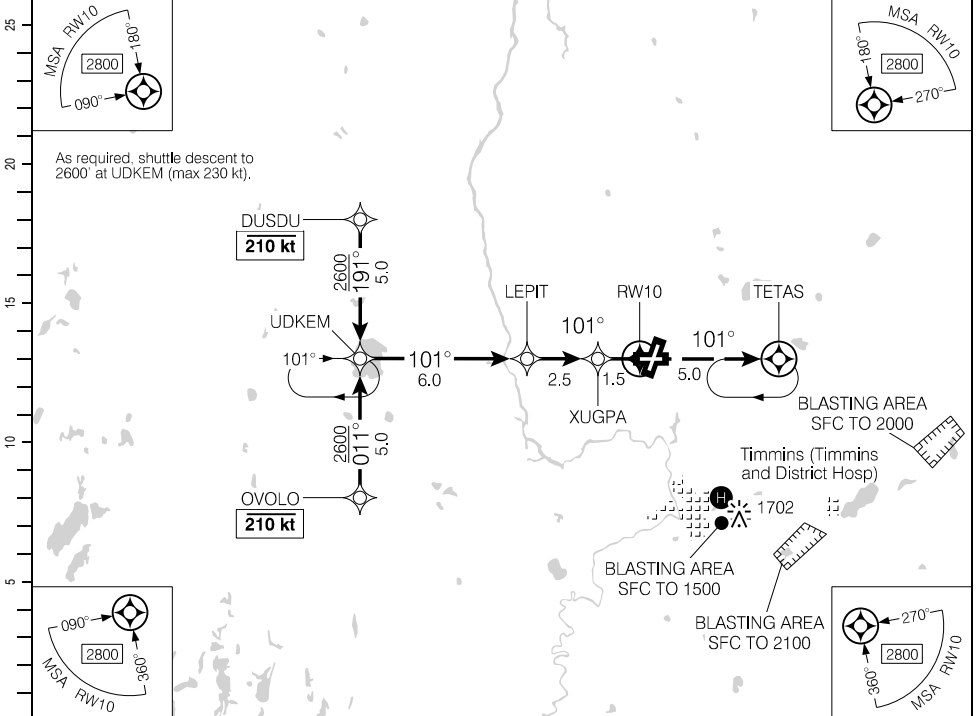
EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

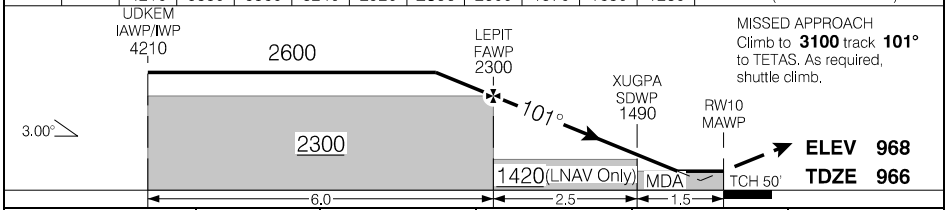
RNAV (GNSS) RWY 10

483414N 0812236W VAR 11°W

ATIS – 124.95		CTR Toronto – 128.3		RADIO – 122.3		
SAFE ALT 100 NM 3500		WAAS Ch 80120 W10A	APCH CRS 101°	MIN ALT LEPIT 2300	LDA 4907	P2



(NM)	10	9	8	7	6	5.0	4	3	2	0.8	DIST FROM RWY10
	4210	3880	3560	3240	2920	2600	2300	1970	1650	1280	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1211	(250)		1
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -20°C, max. 54°C)	1211	(250)		1
70	370		LNAV	1280	(319)		1
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 10

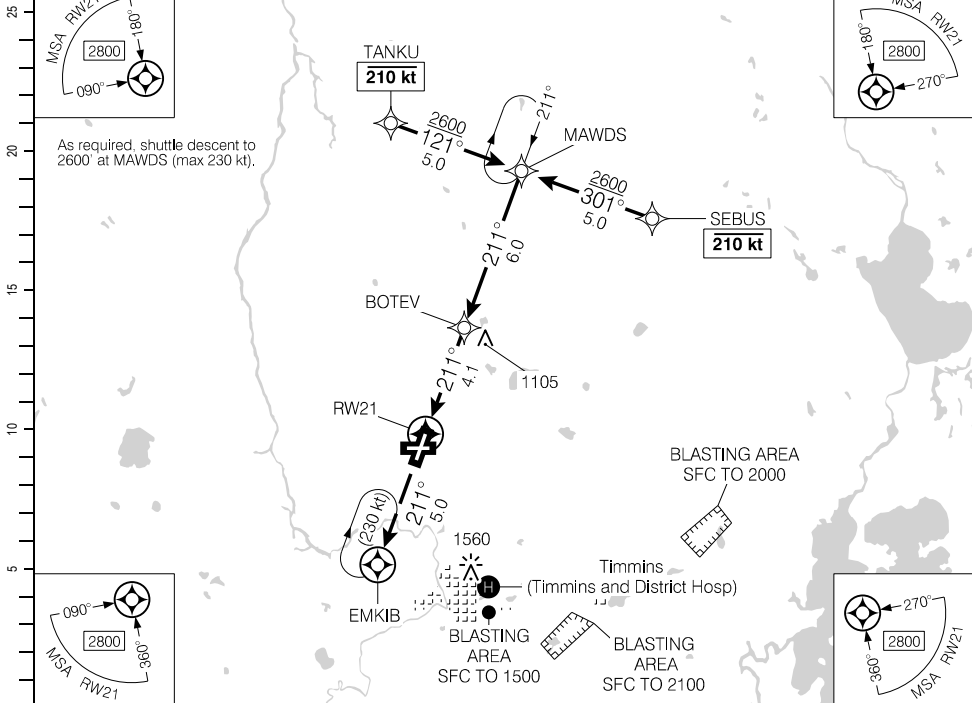
EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 21

483414N 0812236W VAR 11°W

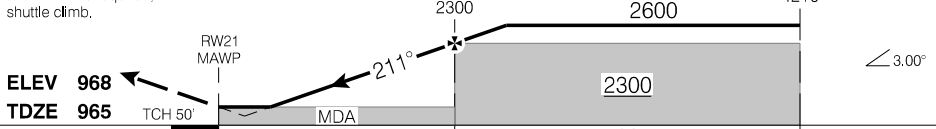
ATIS – 124.95	CTR Toronto – 128.3	RADIO – 122.3			
SAFE ALT 100 NM 3500	WAAS Ch 80121 W21A	APCH CRS 211°	MIN ALT BOTEV 2300	LDA 6000	MF P2 AO ...



As required, shuttle descent to 2600' at MAWDS (max 230 kt).

(NM)	DIST FROM RW21	0.9	2	3	4	5.0	6	7	8	9	10.1		
	ALT (3.00° APCH PATH)	1280	1640	1960	2280	2600	2920	3230	3550	3870	4210		

MISSED APPROACH
Climb to **3100** track **211°**
to EMKIB. As required,
shuttle climb.



			CATEGORY	A	B	C	D
			LPV	1205	(250)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1205	(250)		1
			LNAV	1280	(325)		1
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 21

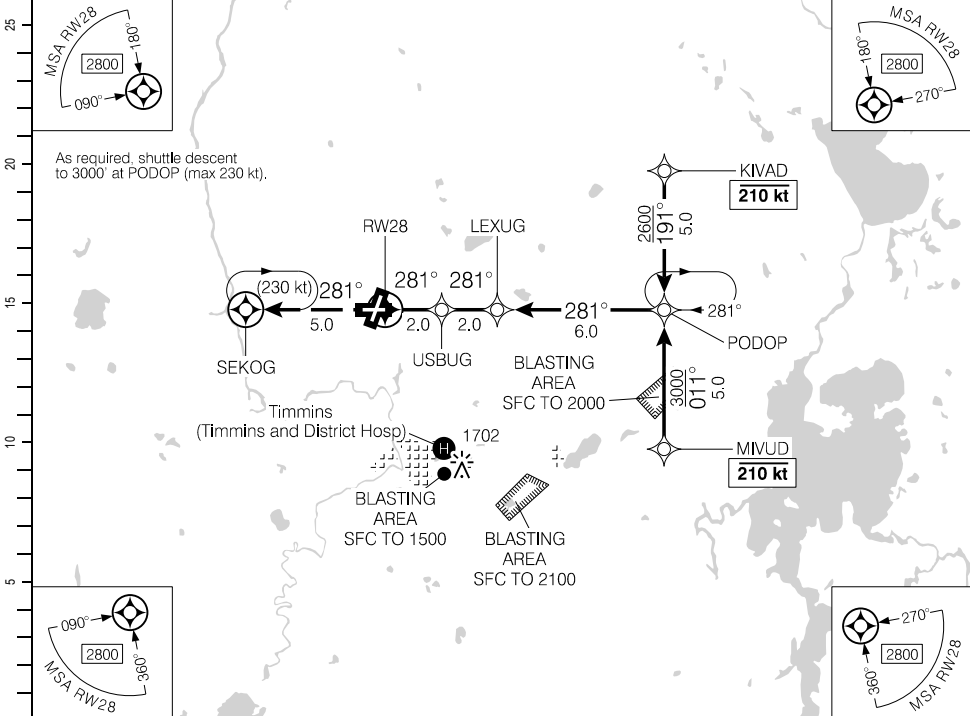
EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 28

483414N 0812236W VAR 11°W

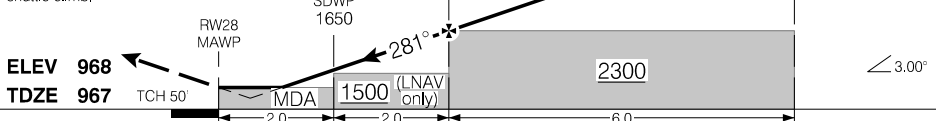
ATIS – 124.95		CTR Toronto – 128.3		RADIO – 122.3		
SAFE ALT 100 NM 3500		WAAS Ch 80122 W28A		APCH CRS 281°			MF MIN ALT LEXUG 2300
						LDA 4907



As required, shuttle descent to 3000' at PODOP (max 230 kt).

DIST FROM RW28	1.1	2	3	4	5	6.2	7	8	9	10		
ALT (3.00° APCH PATH)	1360	1650	1970	2300	2610	3000	3240	3560	3880	4210		

MISSED APPROACH
Climb to **3100** track **281°** to SEKOG. As required, shuttle climb.



			CATEGORY	A	B	C	D
			LPV	1214	(250)		1
			LNAV/VNAV (min. -20°C, max. 54°C)	1214	(250)		1
			LNAV	1360	(396)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						


RNAV (GNSS) RWY 28

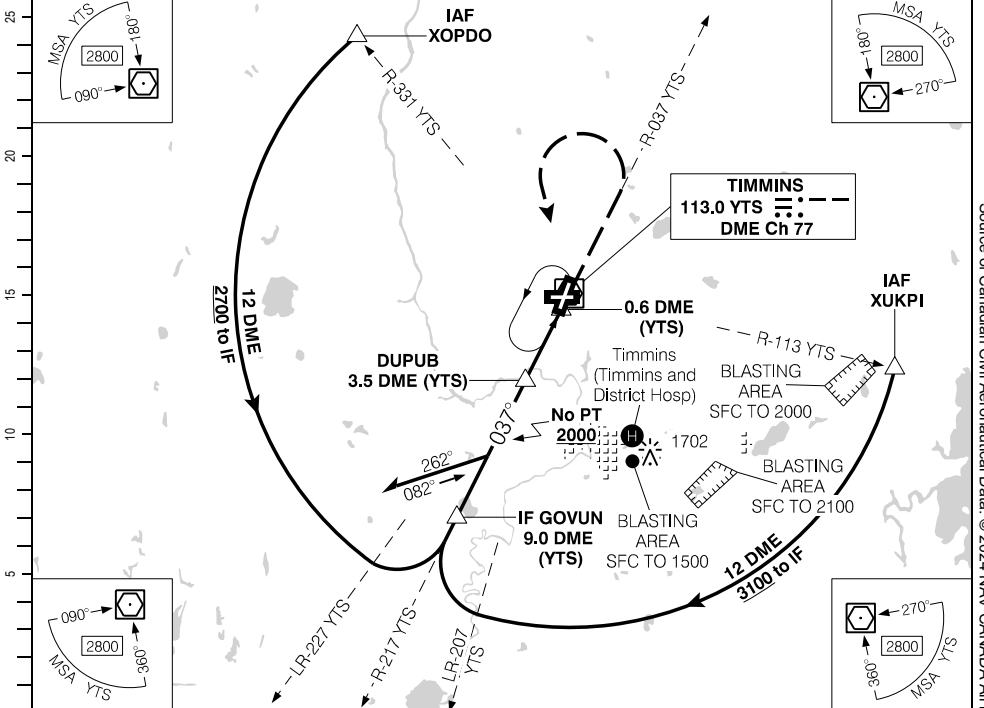
EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

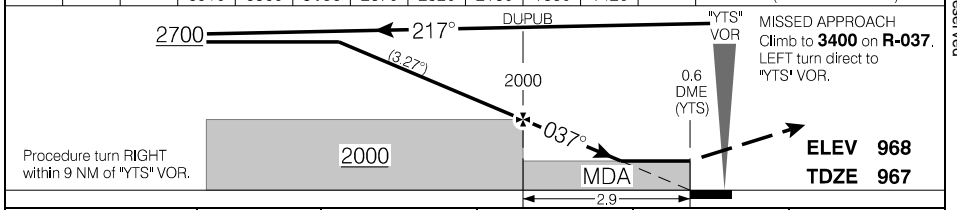
VOR/DME RWY 03

483414N 0812236W VAR 11°W

ATIS - 124.95	CTR Toronto - 128.3	RADIO - 122.3			
SAFE ALT 100 NM 3500	VOR YTS 113.0	APCH CRS 037°	MIN ALT DUPUB 2000	LDA 6000	



	9	8	6.7	6	5	4	3	1.8		DIST FROM DME (YTS)
	3910	3560	3100	2870	2520	2180	1830	1420		ALT (3.27° APCH PATH)



	CATEGORY	A	B	C	D
	VOR/DME	1420		(453)	1 RVR 50

Knots	ft/min	Min:Sec
70	410	
90	520	
110	640	
130	750	
150	870	

VOR/DME RWY 03

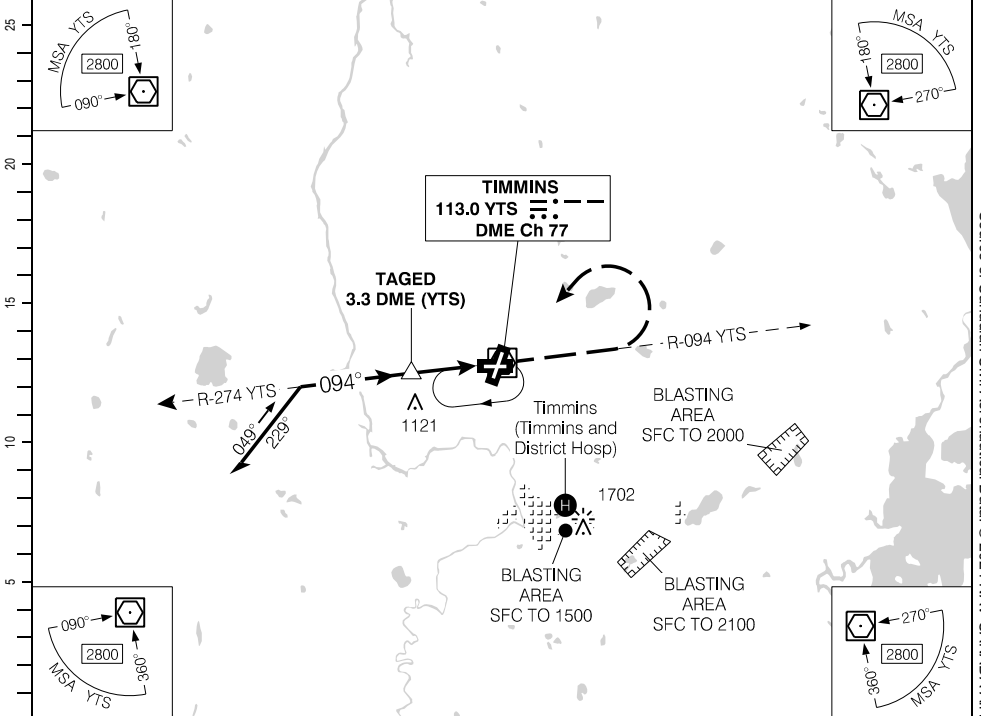
CYTS

EFF 23 FEB 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

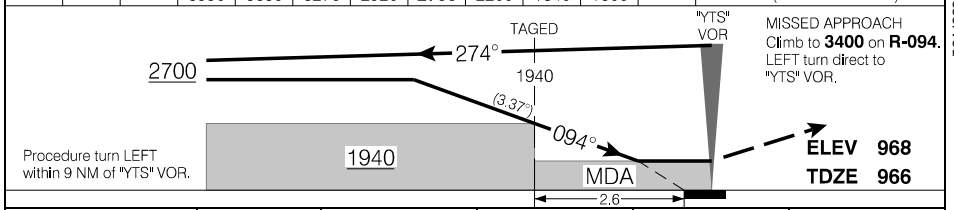
VOR/DME RWY 10

ATIS - 124.95		CTR Toronto - 128.3		RADIO - 122.3			
SAFE ALT 100 NM 3500		VOR YTS 113.0	APCH CRS 094°	MF		LDA 4907	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	9	8	7	6	5.4	4	3	1.5	DIST FROM DME (YTS)	
	3990	3630	3270	2920	2700	2200	1840	1300	ALT (3.37° APCH PATH)	



			CATEGORY	A	B	C	D
VOR/DME			1300		(334)	1	
Knots	ft/min	Min:Sec					
70	420						
90	540						
110	660						
130	780						
150	890						

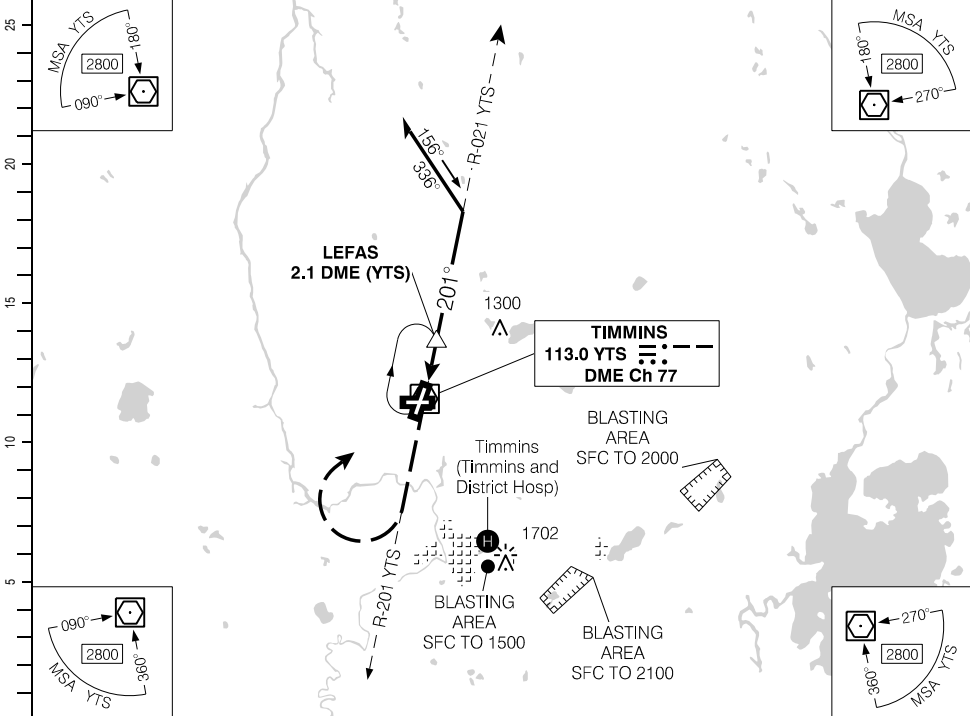
VOR/DME RWY 10

CYTS

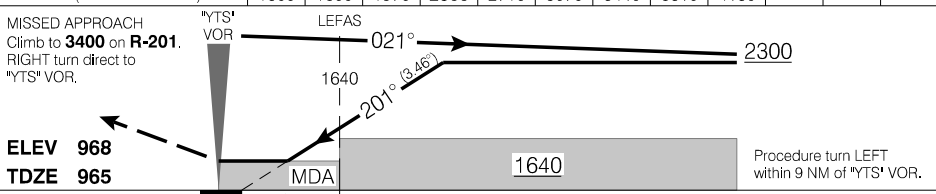
EFF 23 FEB 23

VOR/DME RWY 21

ATIS – 124.95	CTR Toronto – 128.3	RADIO – 122.3		
SAFE ALT 100 NM 3500	VOR YTS 113.0	APCH CRS 201°	MF	LDA 6000



DIST FROM DME (YTS)	1.2	2	3	3.9	5	6	7	8	9		
ALT (3.46° APCH PATH)	1300	1600	1970	2300	2710	3070	3440	3810	4180		



ELEV 968										
TDZE 965										
	CATEGORY	A	B	C	D					
	VOR/DME	1300		(335)	1					
	Knots	ft/min	Min:Sec							
	70	430								
	90	550								
	110	670								
	130	800								
	150	920								

VOR/DME RWY 21

AERODROME CHART

ATIS - 124.95					RADIO - 122.3		CTR Toronto - 128.3	
DECL	DISTS	03	21	10	28			
TORA		6000	6000	4907	4907			
TODA		6600	6984	5891	5891			
ASDA		6000	6000	4907	4907			
LDA		6000	6000	4907	4907			

*** DEPARTURE PROCEDURE**

Rwy 03 - 1/2

Note: Trees to 1037 ASL, aprx 0.1 NM from departure end of rwy, 768' LEFT of centreline.
Trees to 1033 ASL, aprx 0.1 NM from departure end of rwy, 872' RIGHT of centreline.

Rwy 10 - 1/2 - No RIGHT turn until reaching 1600 BPOC.

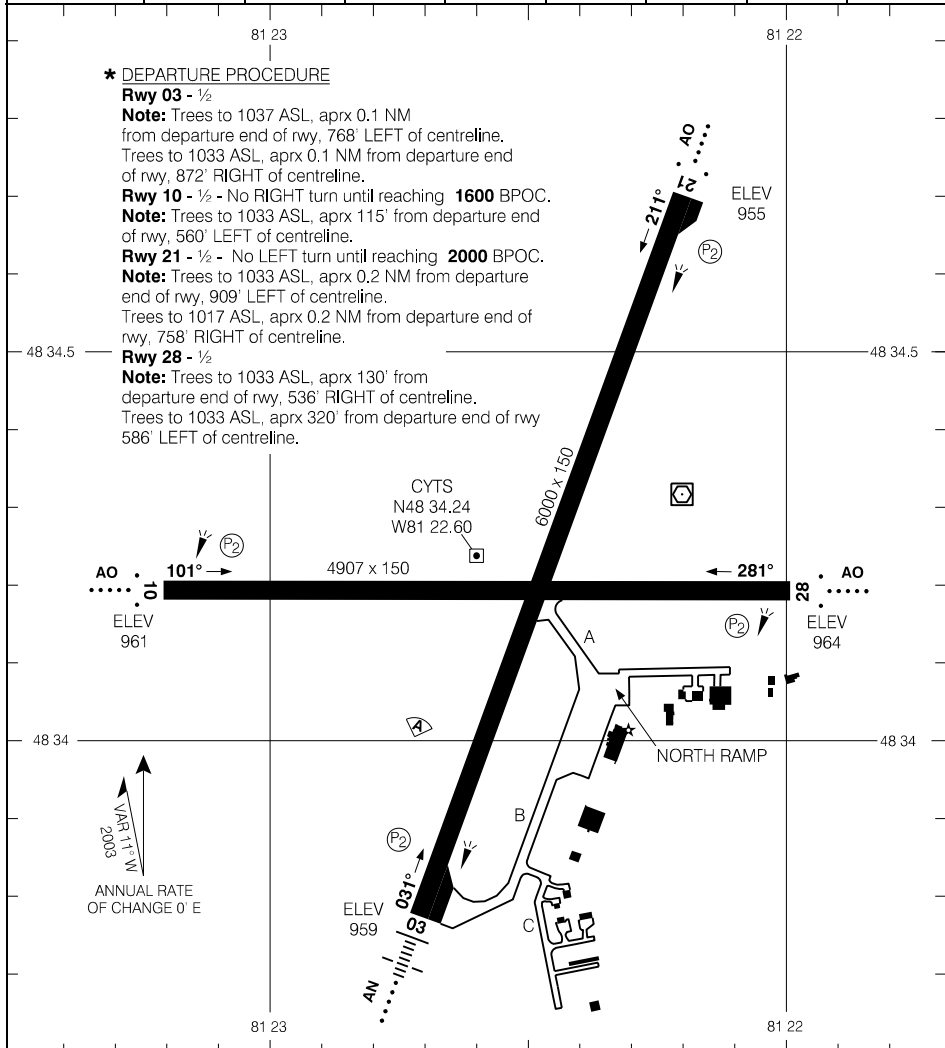
Note: Trees to 1033 ASL, aprx 115' from departure end of rwy, 560' LEFT of centreline.

Rwy 21 - 1/2 - No LEFT turn until reaching 2000 BPOC.

Note: Trees to 1033 ASL, aprx 0.2 NM from departure end of rwy, 909' LEFT of centreline.
Trees to 1017 ASL, aprx 0.2 NM from departure end of rwy, 758' RIGHT of centreline.

Rwy 28 - 1/2

Note: Trees to 1033 ASL, aprx 130' from departure end of rwy, 536' RIGHT of centreline.
Trees to 1033 ASL, aprx 320' from departure end of rwy 586' LEFT of centreline.



VAR 11° W
2003
ANNUAL RATE
OF CHANGE 0° E

TAKE-OFF MINIMA

All Rwys: *



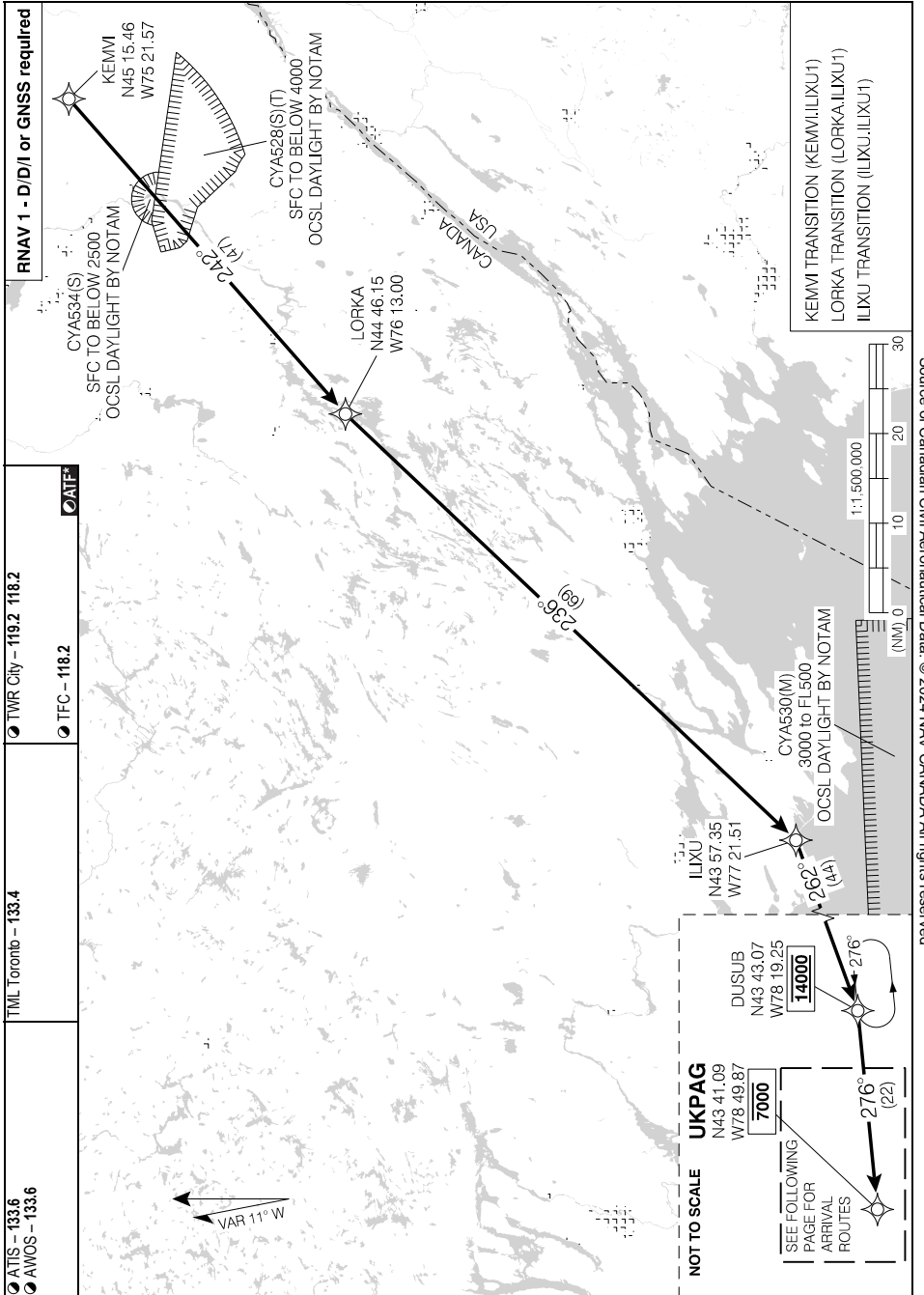
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

CYTS

EFF 3 JAN 19

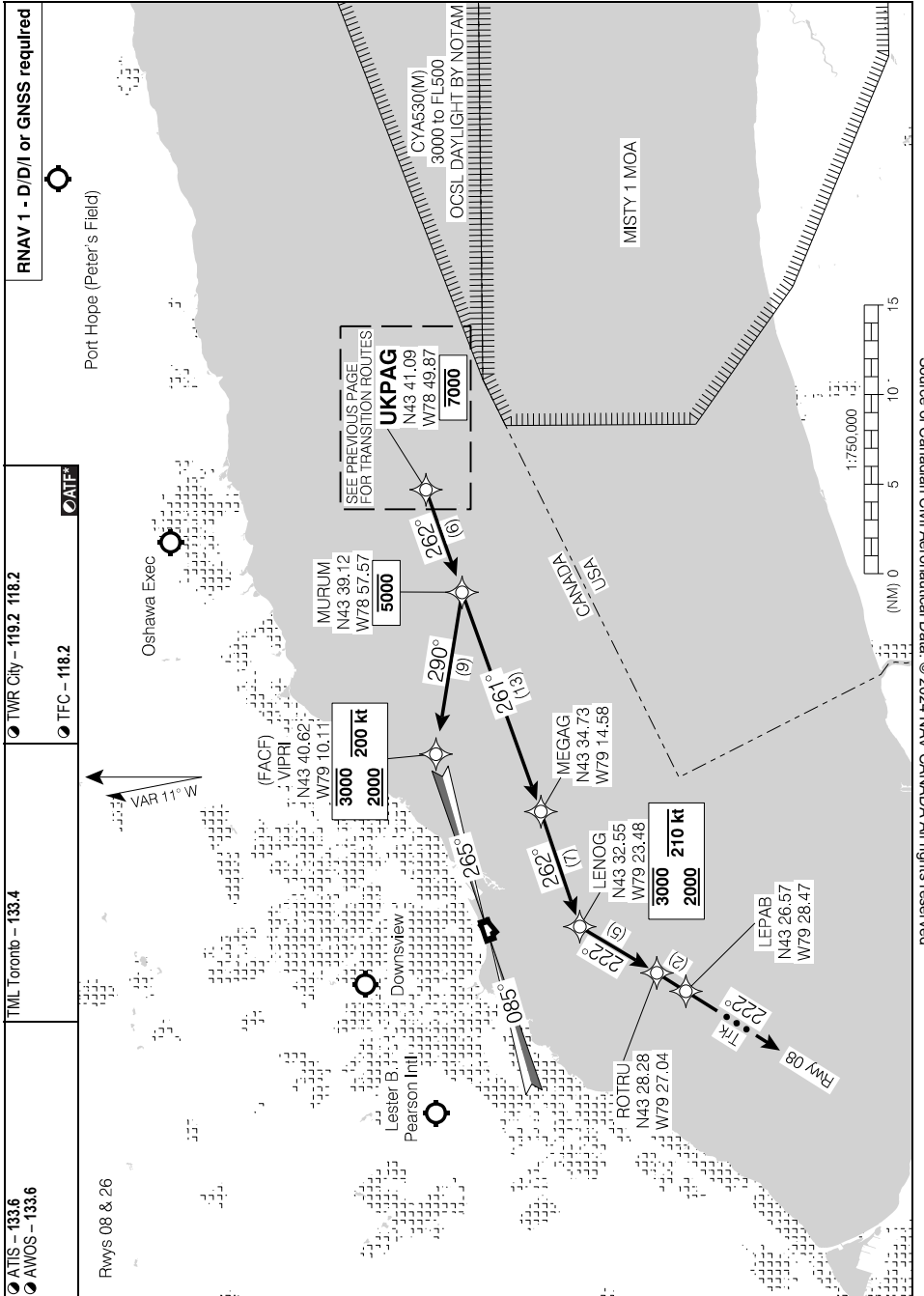
ILIXU ONE ARR (UKPAG.ILIXU1) TRANSITION ROUTES



ILIXU ONE ARR (UKPAG.ILIXU1) TRANSITION ROUTES

ILIXU ONE ARR (UKPAG.ILIXU1) ARRIVAL ROUTES

CYTZ



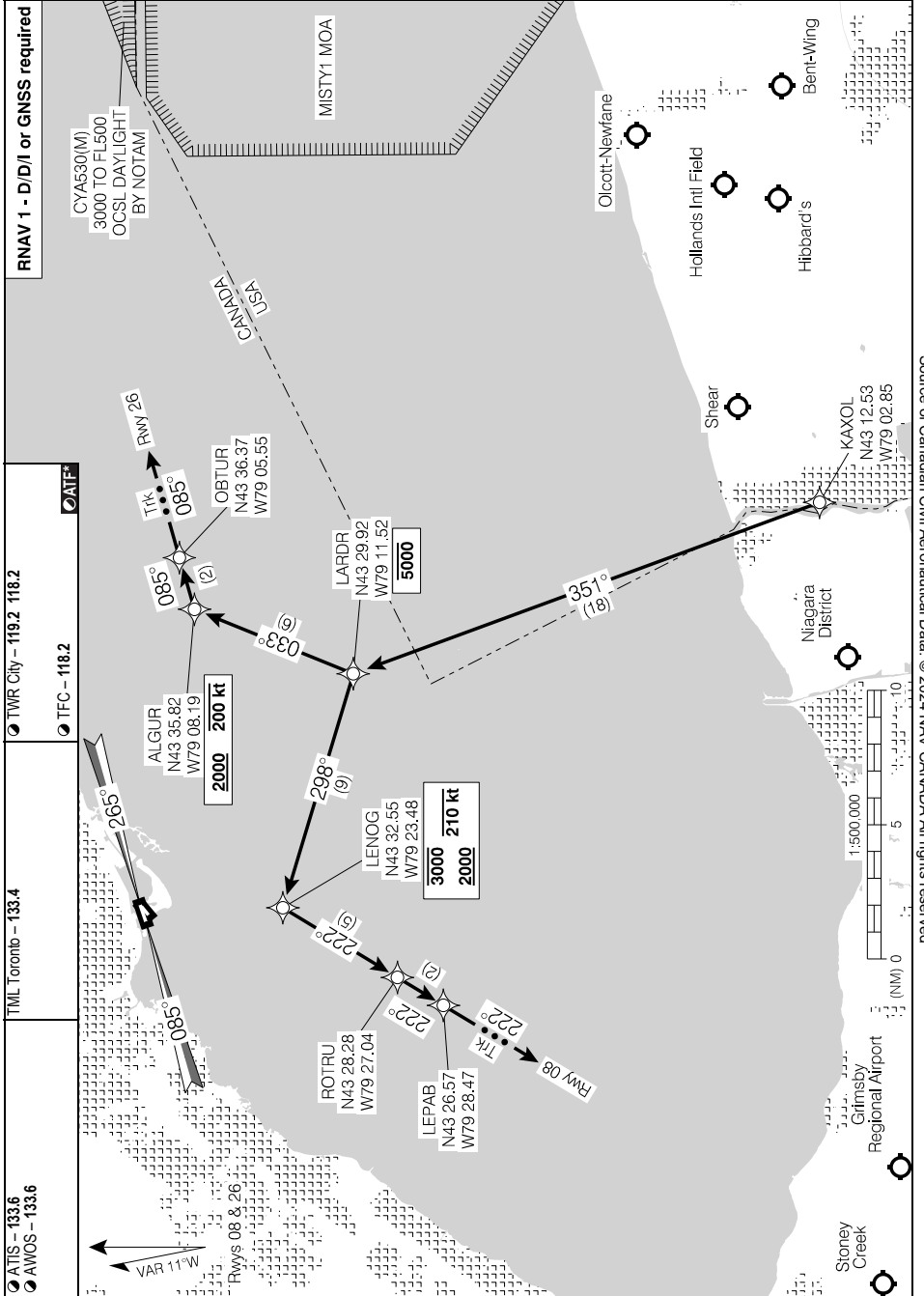
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

ILIXU ONE ARR (UKPAG.ILIXU1) ARRIVAL ROUTES

CYTZ

EFF 20 APR 23

KAXOL TWO ARR (KAXOL.KAXOL2)

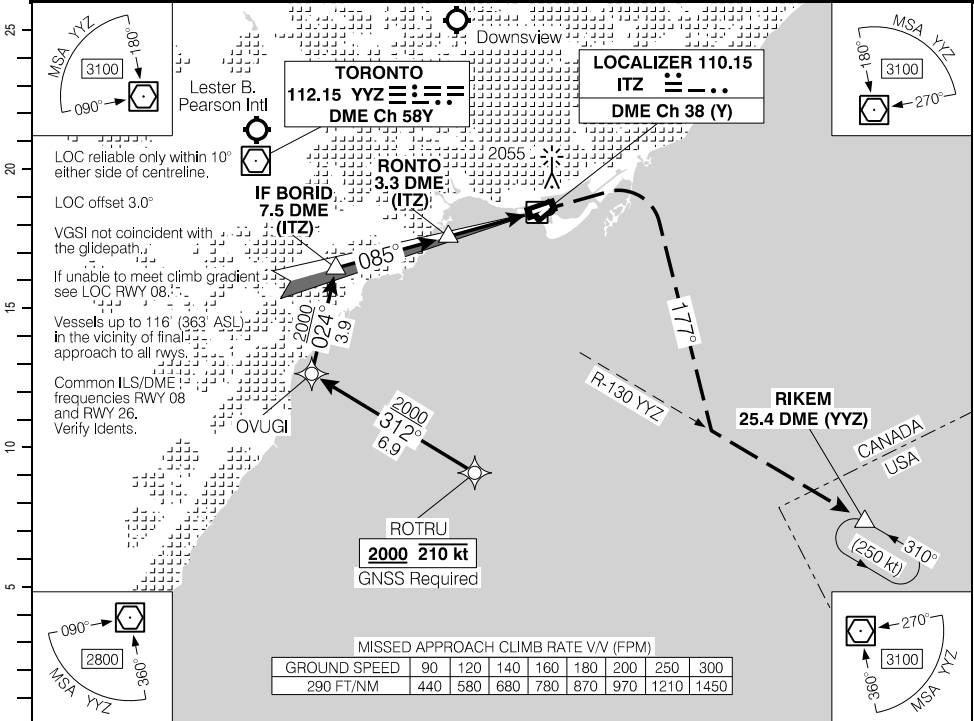


KAXOL TWO ARR (KAXOL.KAXOL2)

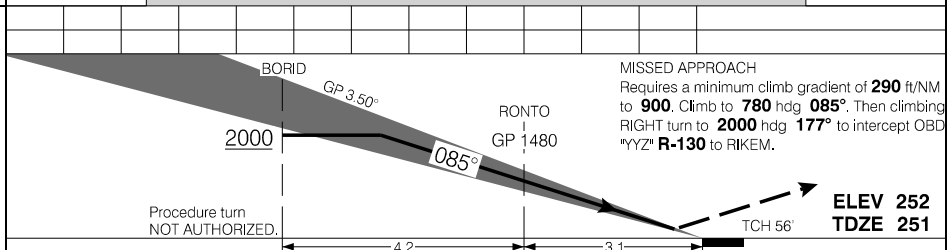
EFF 8 SEP 22

ILS RWY 08

<ul style="list-style-type: none"> ATIS - 133.6 AWOS - 133.6 	TML Toronto - 133.4	<ul style="list-style-type: none"> TWR City - 119.2 118.2 GND - 121.7 	<ul style="list-style-type: none"> TFC - 118.2 AITF 		<p>A2 · (P1) 3.9°</p> <p>3.0°I</p>
SAFE ALT 100 NM 4900	LOC ITZ 110.15	APCH CRS 085°	GP RONTO 1480	LDA 3988	



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



RASS: When using CYYZ add 70'.				CATEGORY	A	B	C	D
				ILS/DME	566	(315)	1 RVR 50	NOT AUTHORIZED
Knots	ft/min	Min:Sec						
70								
90								
110								
130								
150								

ILS RWY 08

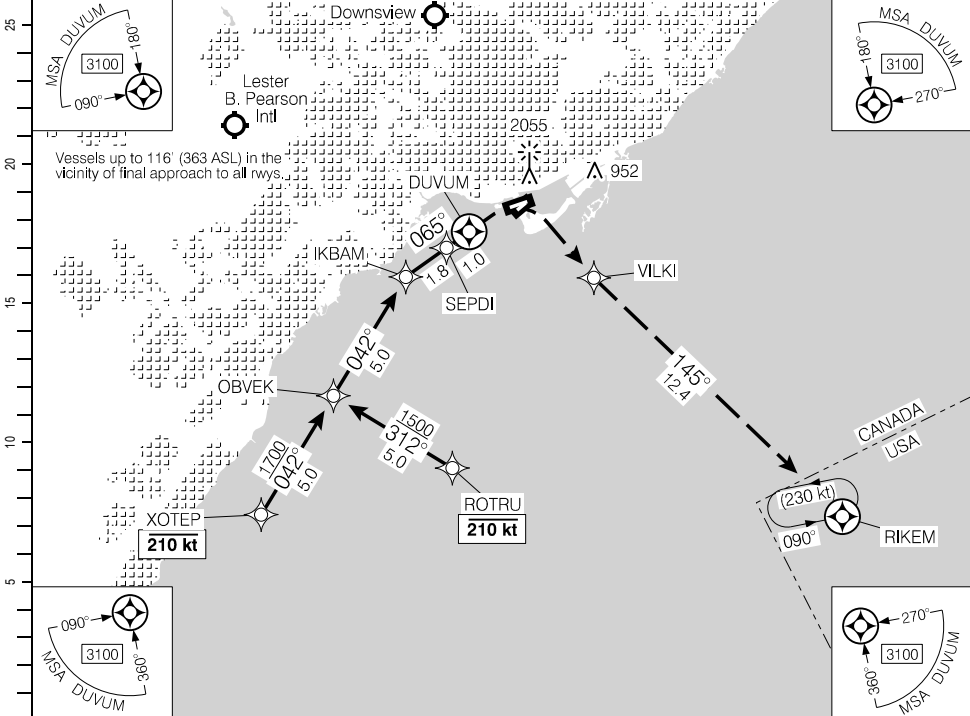
EFF 30 NOV 23

CYTZ

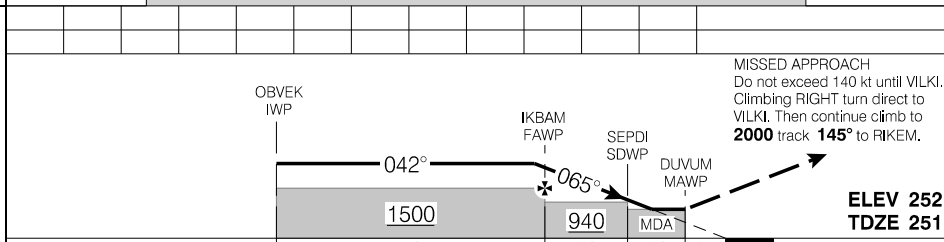
RNAV (GNSS) Z RWY 08

433742N 0792346W VAR 11°W

<ul style="list-style-type: none"> ● ATIS - 133.6 ● AWOS - 133.6 	TML Toronto - 133.4	<ul style="list-style-type: none"> ● TWR City - 119.2 118.2 ● GND - 121.7 	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 065°	MIN ALT IKBAM 1500
		<ul style="list-style-type: none"> ● TFC - 118.2 ● ATIS 	LDA 3988



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



RASS: When using CYYZ add 70'				<table border="1"> <tr> <th>CATEGORY</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> <tr> <td>LNAV</td> <td>680 (429)</td> <td>2</td> <td colspan="2">NOT AUTHORIZED</td> </tr> </table>	CATEGORY	A	B	C	D	LNAV	680 (429)	2	NOT AUTHORIZED	
CATEGORY	A	B	C	D										
LNAV	680 (429)	2	NOT AUTHORIZED											
Knots	ft/min	Min:Sec												
70														
90														
110														
130														
150														

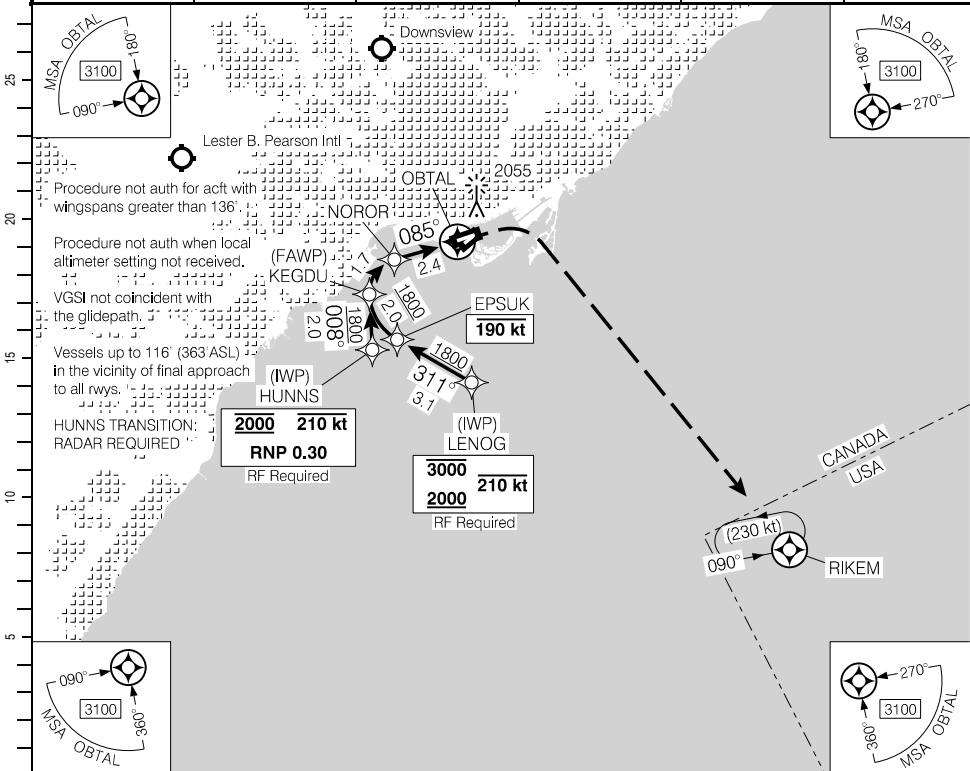
RNAV (GNSS) Z RWY 08

EFF 16 JUL 20

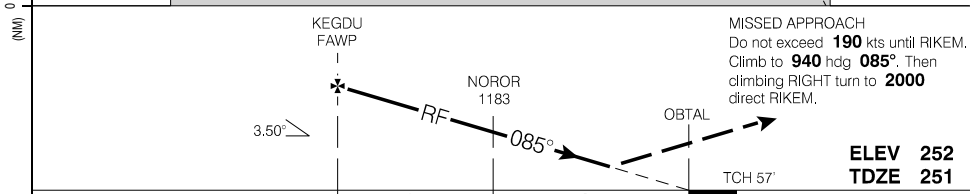
CYTZ

RNAV (RNP) Y RWY 08

<ul style="list-style-type: none"> ATIS - 133.6 AWOS - 133.6 	TML Toronto - 133.4	<ul style="list-style-type: none"> TWR City - 119.2 118.2 GND - 121.7 	<ul style="list-style-type: none"> TFC - 118.2 ATIS 	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 085°	MIN ALT KEGDU 1800	LDA 3988



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved



	CATEGORY	A	B	C	D
	RNP 0.30	931	(680)	2	NOT AUTHORIZED
AUTHORIZATION REQUIRED (min. -25° C) (max. 54° C)					

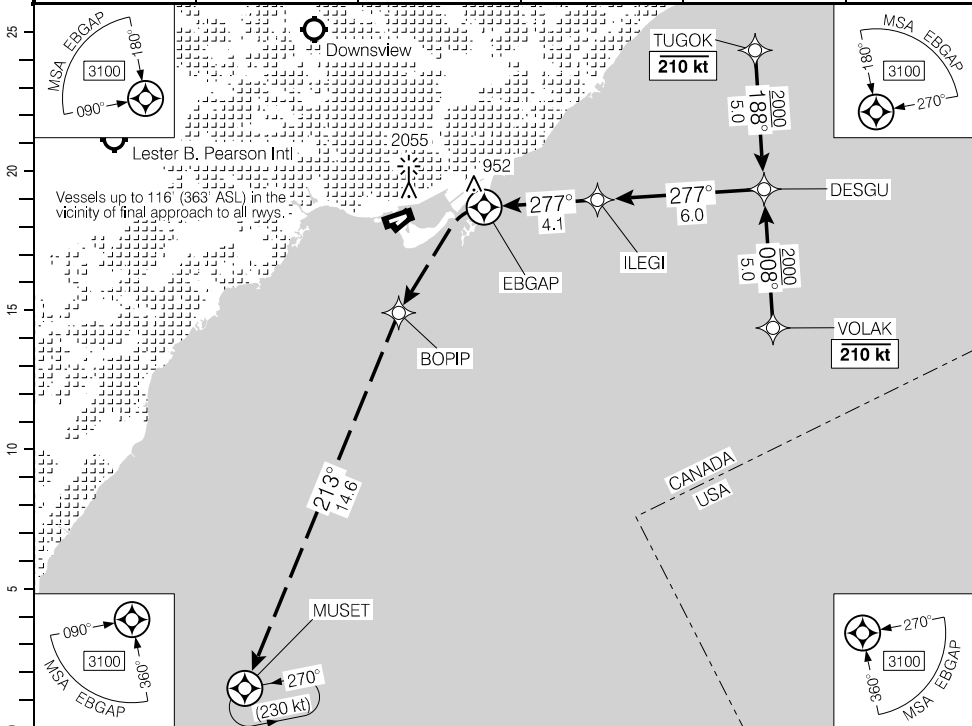
RNAV (RNP) Y RWY 08

EFF 10 AUG 23

RNAV (GNSS) Z RWY 26

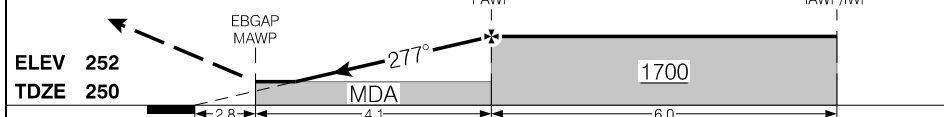
433742N 0792346W VAR 111°W

<ul style="list-style-type: none"> ● ATIS - 133.6 ● AWOS - 133.6 	TML Toronto - 133.4	<ul style="list-style-type: none"> ● TWR City - 119.2 118.2 ● TFC - 118.2 	<ul style="list-style-type: none"> ● GND - 121.7 ● ATIS 	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 277°	MIN ALT ILEGI 1700		LDA 3988



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

MISSED APPROACH
Do not exceed 140 kt until BOPIP.
Climbing LEFT turn to **2000** direct to BOPIP. Then track **213°** to MUSET.



RASS: When using CYTZ add 70'.				<table border="1"> <tr> <th>CATEGORY</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> <tr> <td>LNAV</td> <td>1160 (910)</td> <td>3%</td> <td colspan="2">NOT AUTHORIZED</td> </tr> </table>	CATEGORY	A	B	C	D	LNAV	1160 (910)	3%	NOT AUTHORIZED	
CATEGORY	A	B	C	D										
LNAV	1160 (910)	3%	NOT AUTHORIZED											
Knots	ft/min	Min:Sec												
70														
90														
110														
130														
150														

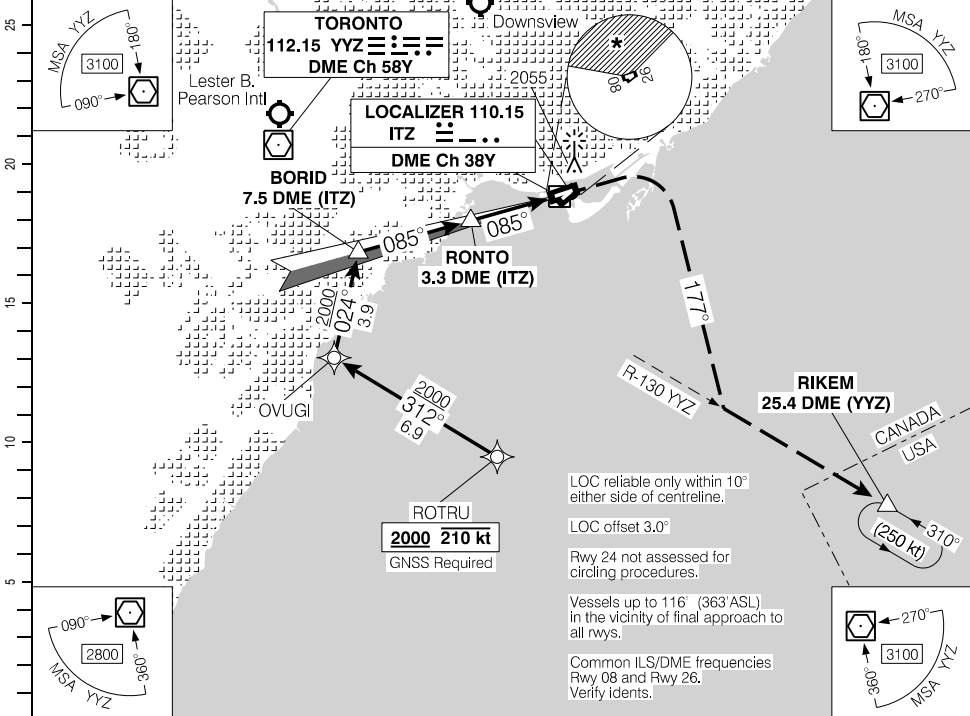
RNAV (GNSS) Z RWY 26

CYTZ

EFF 22 APR 21

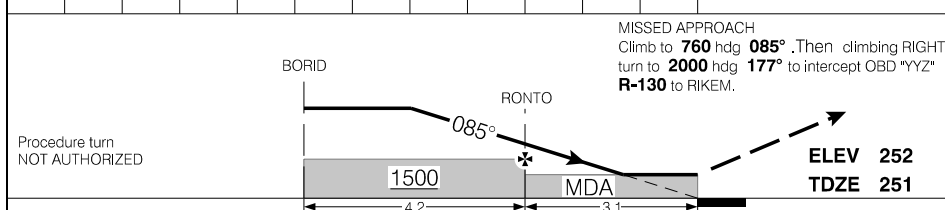
LOC RWY 08

<ul style="list-style-type: none"> ● ATIS - 133.6 ● AWOS - 133.6 	TML Toronto - 133.4	<ul style="list-style-type: none"> ● TWR City - 119.2 118.2 ● GND - 121.7 	<ul style="list-style-type: none"> ● TFC - 118.2 ● ATIS 	
SAFE ALT 100 NM 4900	LOC ITZ 110.15	APCH CRS 085°	MIN ALT RONTO 1500	LDA 3988



LOC reliable only within 10° either side of centreline.
 LOC offset 3.0°
 Rwy 24 not assessed for circling procedures.
 Vessels up to 116' (363'ASL) in the vicinity of final approach to all rwys.
 Common ILS/DME frequencies Rwy 08 and Rwy 26. Verify idents.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



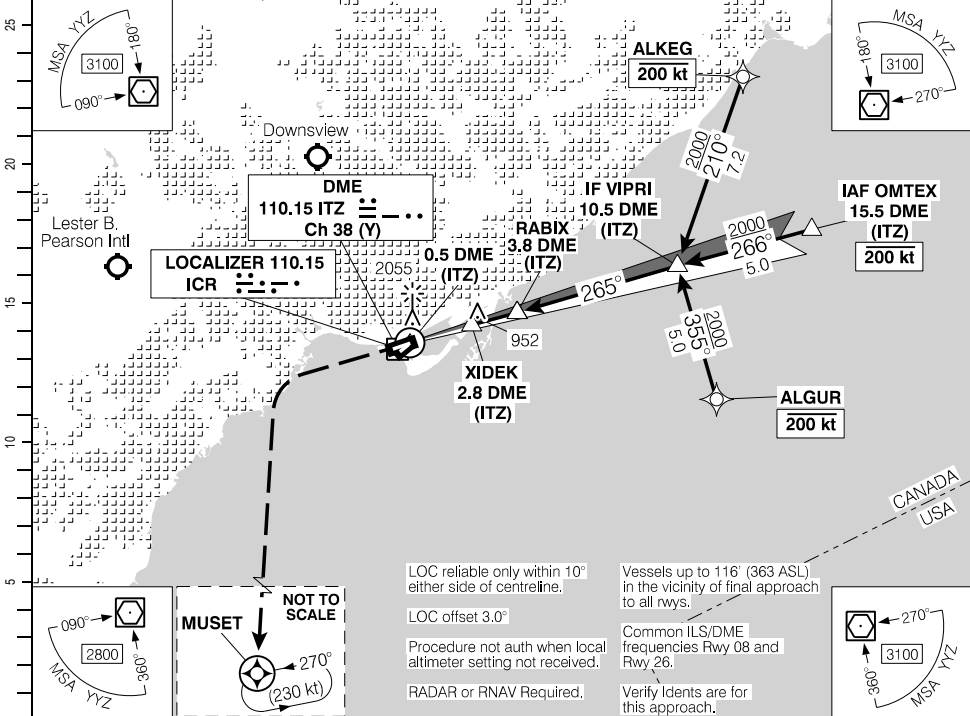
RASS: When using CYYZ add 70'. RONTU to MAP 3.1 NM	CATEGORY	A	B	C	D
	LOC/DME	620	(369)	1¼	NOT AUTHORIZED
Knots	CIRCLING	* 760	(508)	1½	* 760 (508) 2
ft/min					
Min:Sec					
70					
90					
110					
130					
150					

LOC RWY 08

EFF 30 NOV 23

LOC RWY 26

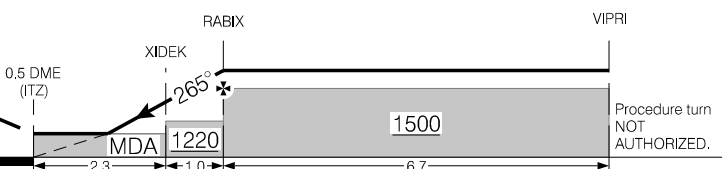
● ATIS - 133.6 ● AWOS - 133.6	TML Toronto - 133.4	● TWR City - 119.2 118.2 ● TFC - 118.2	● GND - 121.7 ● ATIS	AZ 4.25° 3.0°
SAFE ALT 100 NM 4900	LOC ICR 110.15	APCH CRS 265°	MIN ALT RABIX 1500	LDA 3988



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

MISSED APPROACH
 Climb to **800** hdg **265°** then climbing **LEFT** turn to **1600** direct **MUSET**. Shuttle to **2000** BPOC.

ELEV 252
TDZE 250



	CATEGORY	A	B	C	D
	LOC/DME	720	(470)	1½	NOT AUTHORIZED
Knots					
ft/min					
Min:Sec					
70					
90					
110					
130					
150					

LOC RWY 26

EFF 20 APR 23

CYTZ

Departure Route Description

Unless otherwise assigned by ATC:

- Rwy 08:** Requires a minimum climb gradient of **380 ft/NM to 1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** and expect vectors to DAVSI.
- Rwy 26:** Requires a minimum climb gradient of **400 ft/NM to 800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** and expect vectors to DAVSI.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

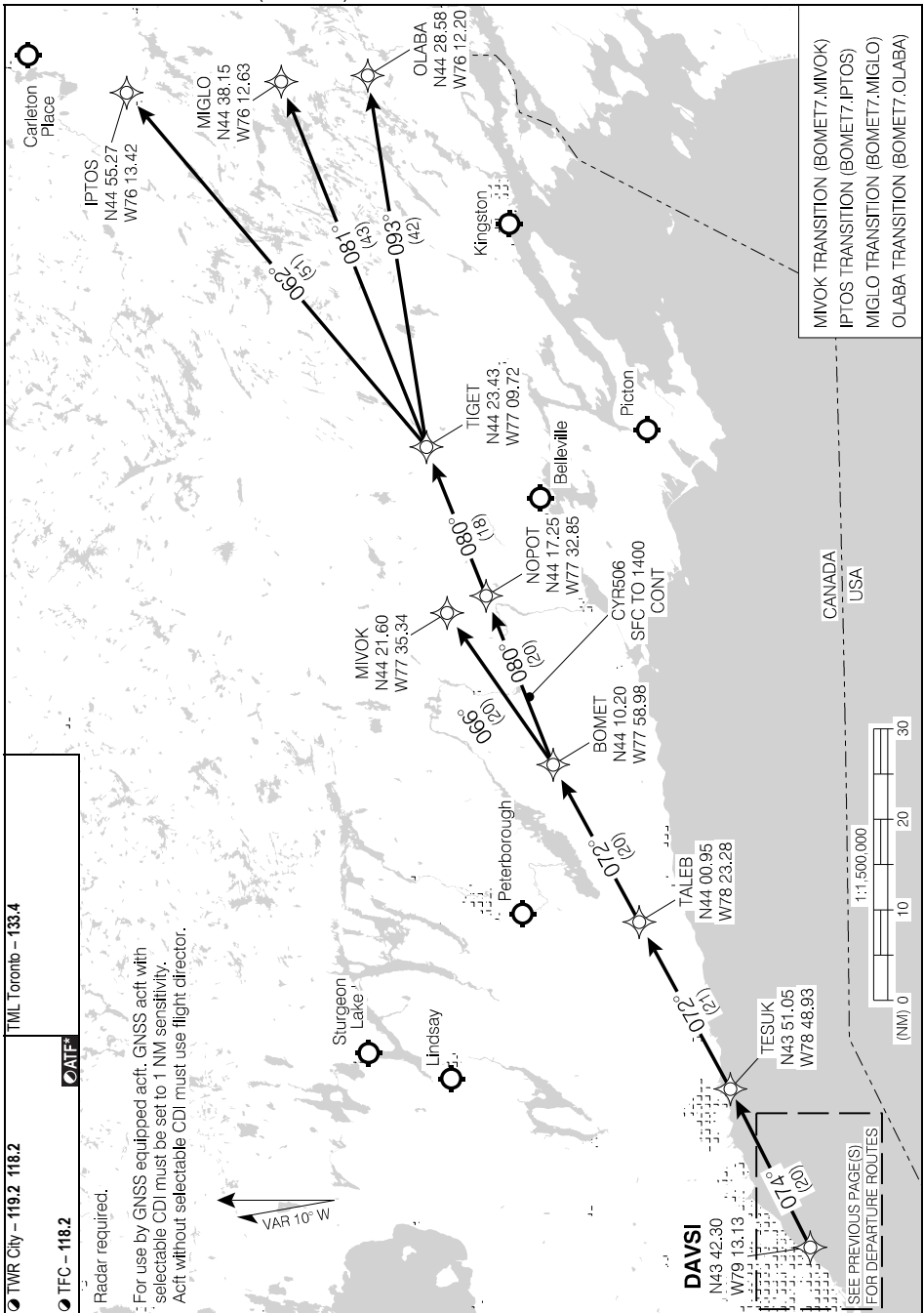
MIVOK TRANSITION: (BOMET7.MIVOK)
IPTOS TRANSITION: (BOMET7.IPTOS)
MIGLO TRANSITION: (BOMET7.MIGLO)
OLABA TRANSITION: (BOMET7.OLABA)

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

BOMET SEVEN DEP (BOMET7.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

BOMET SEVEN DEP (BOMET7.) TRANSITION ROUTES

Departure Route Description

Unless otherwise assigned by ATC:

- Rwy 08:** Requires a minimum climb gradient of **380 ft/NM** to **1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** and expect vectors to DUSOM.
- Rwy 26:** Requires a minimum climb gradient of **400 ft/NM** to **800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** and expect vectors to DUSOM.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

PHILIPSBURG TRANSITION: (DUSOM2.PSB)

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

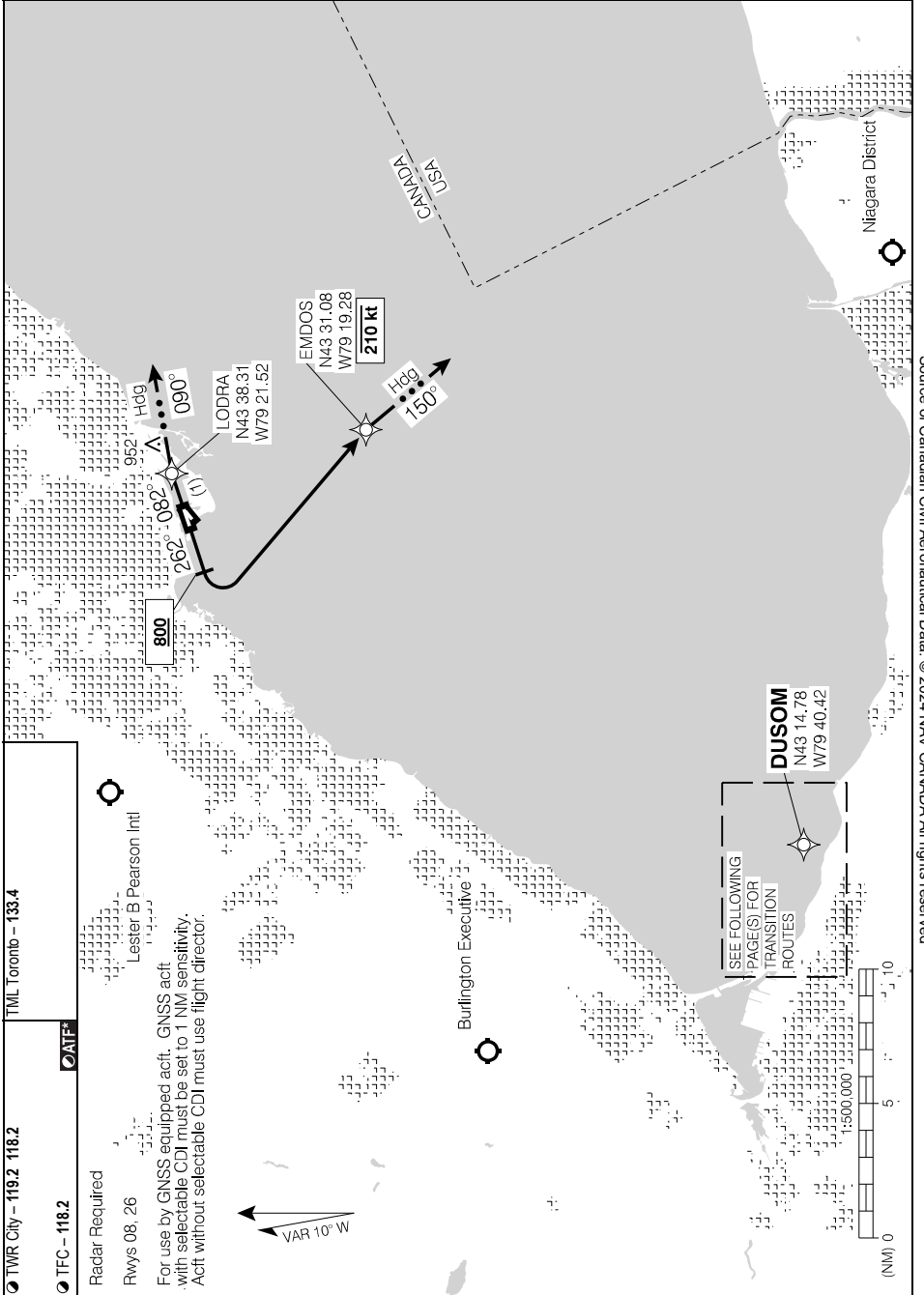
1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

SID (RNAV)

TORONTO/BILLY BISHOP TORONTO CITY AIRPORT, ON

DUSOM TWO DEP (DUSOM2.) DEPARTURE ROUTES

CYTZ



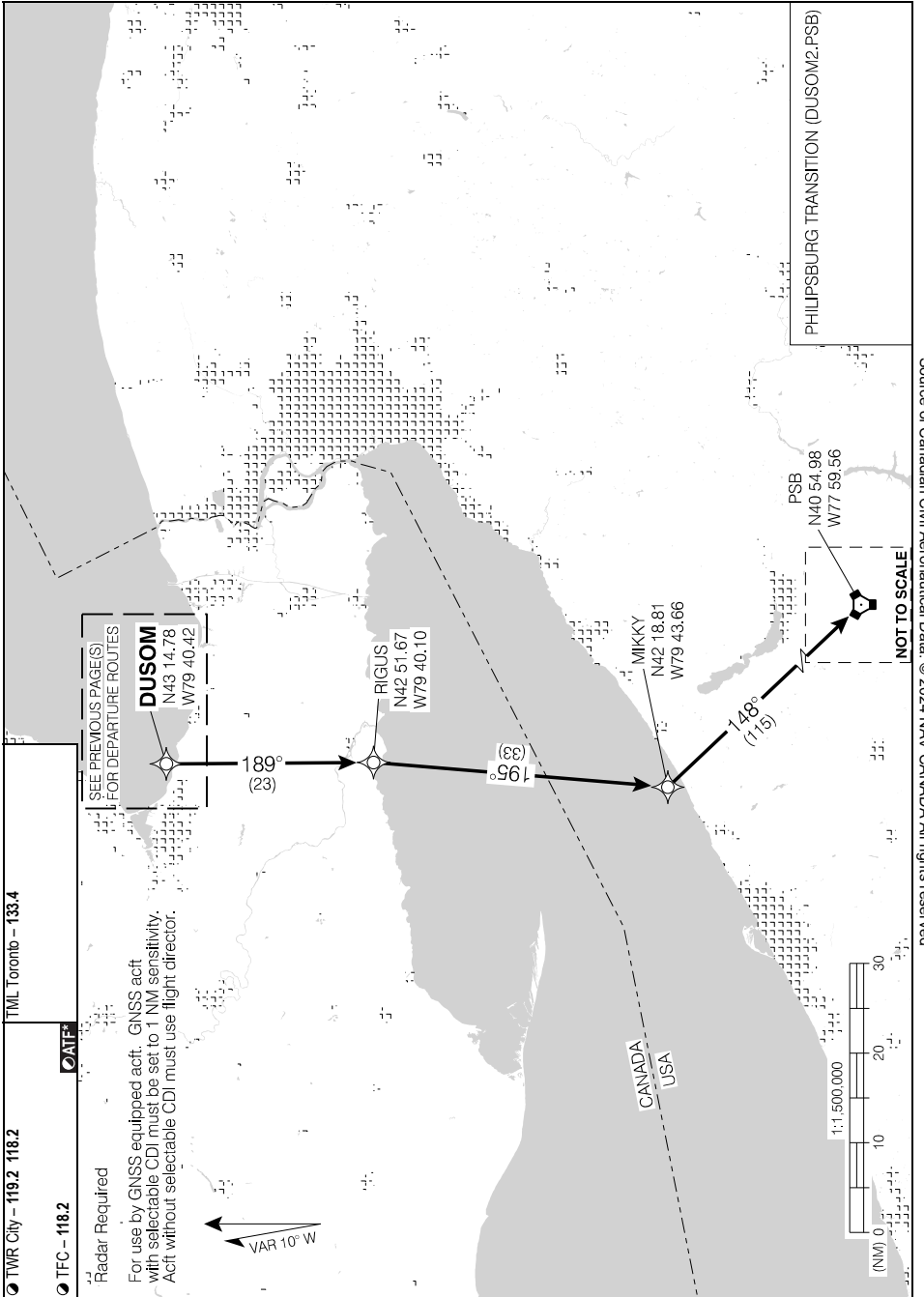
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DUSOM TWO DEP (DUSOM2.) DEPARTURE ROUTES

CYTZ

EFF 16 JUL 20

DUSOM TWO DEP (DUSOM2.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DUSOM TWO DEP (DUSOM2.) TRANSITION ROUTES

EFF 16 JUL 20

Departure Route Description

Rwy 08: Requires a minimum climb gradient of **380 ft/NM to 1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** or as assigned.

Rwy 26: Requires a minimum climb gradient of **400 ft/NM to 800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** or as assigned.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

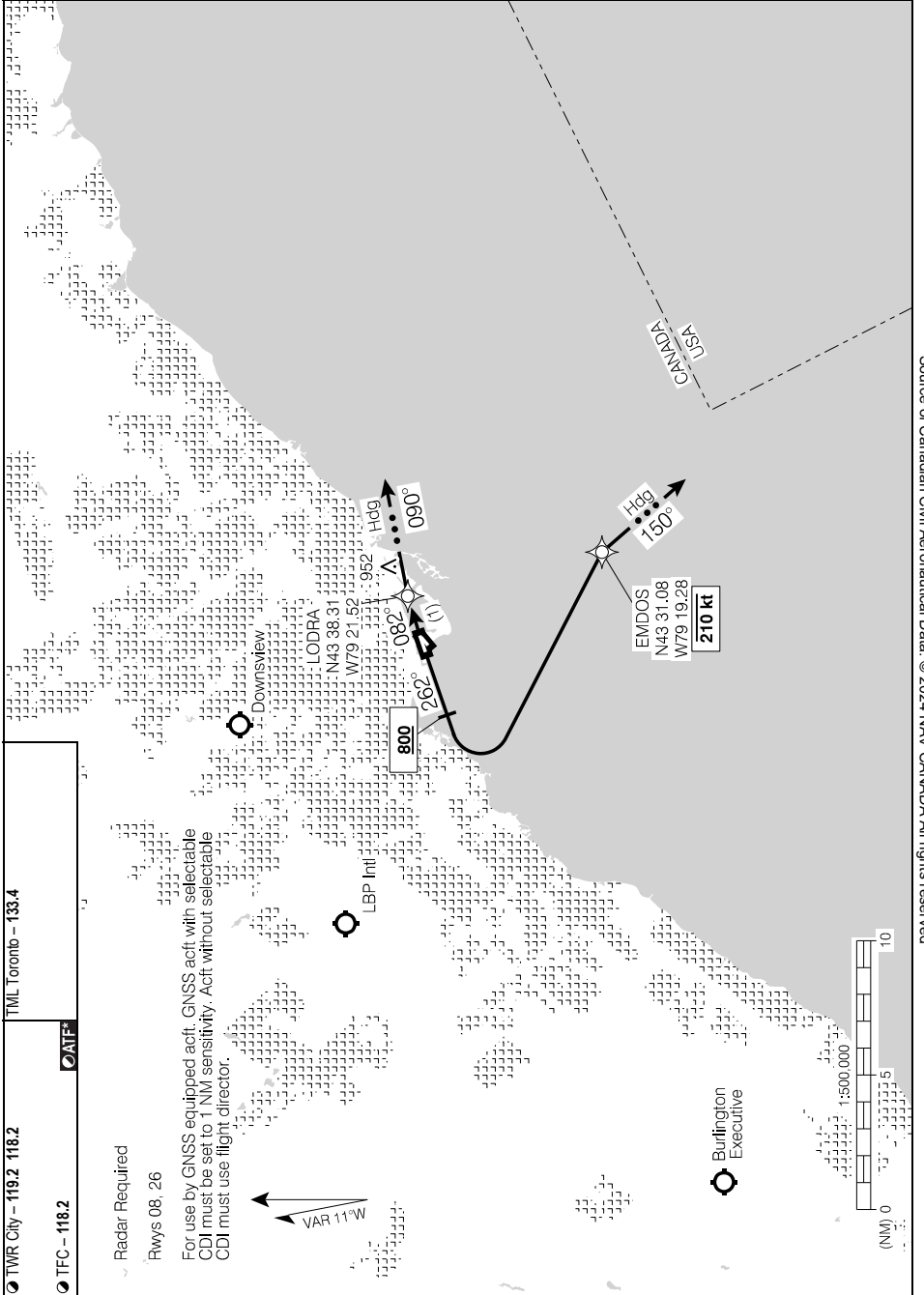
Communication Failure

On recognition of communication failure 5 minutes or less after take-off and in IMC, proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

SID (RNAV)

ISLND ONE DEP (ISLND1.)



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

ISLND ONE DEP (ISLND1.)

EFF 30 NOV 23

CYTZ

Departure Route Description

Unless otherwise assigned by ATC:

- Rwy 08:** Requires a minimum climb gradient of **380 ft/NM** to **1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** and expect vectors to RIKEM.
- Rwy 26:** Requires a minimum climb gradient of **400 ft/NM** to **800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** and expect vectors to RIKEM.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

BMPAH TRANSITION: (MAVAN2.BMPAH)
WOZEE TRANSITION: (MAVAN2.WOZEE)

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

Departure Route Description

Unless otherwise assigned by ATC:

- Rwy 08:** Requires a minimum climb gradient of **380 ft/NM** to **1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** and expect vectors to OAKVL.
- Rwy 26:** Requires a minimum climb gradient of **400 ft/NM** to **800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** and expect vectors to OAKVL.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

ERIE TRANSITION: (OAKVL3.ERI)
FOXEE TRANSITION: (OAKVL3.FOXEE)
AIRRA TRANSITION: (OAKVL3.AIRRA)

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

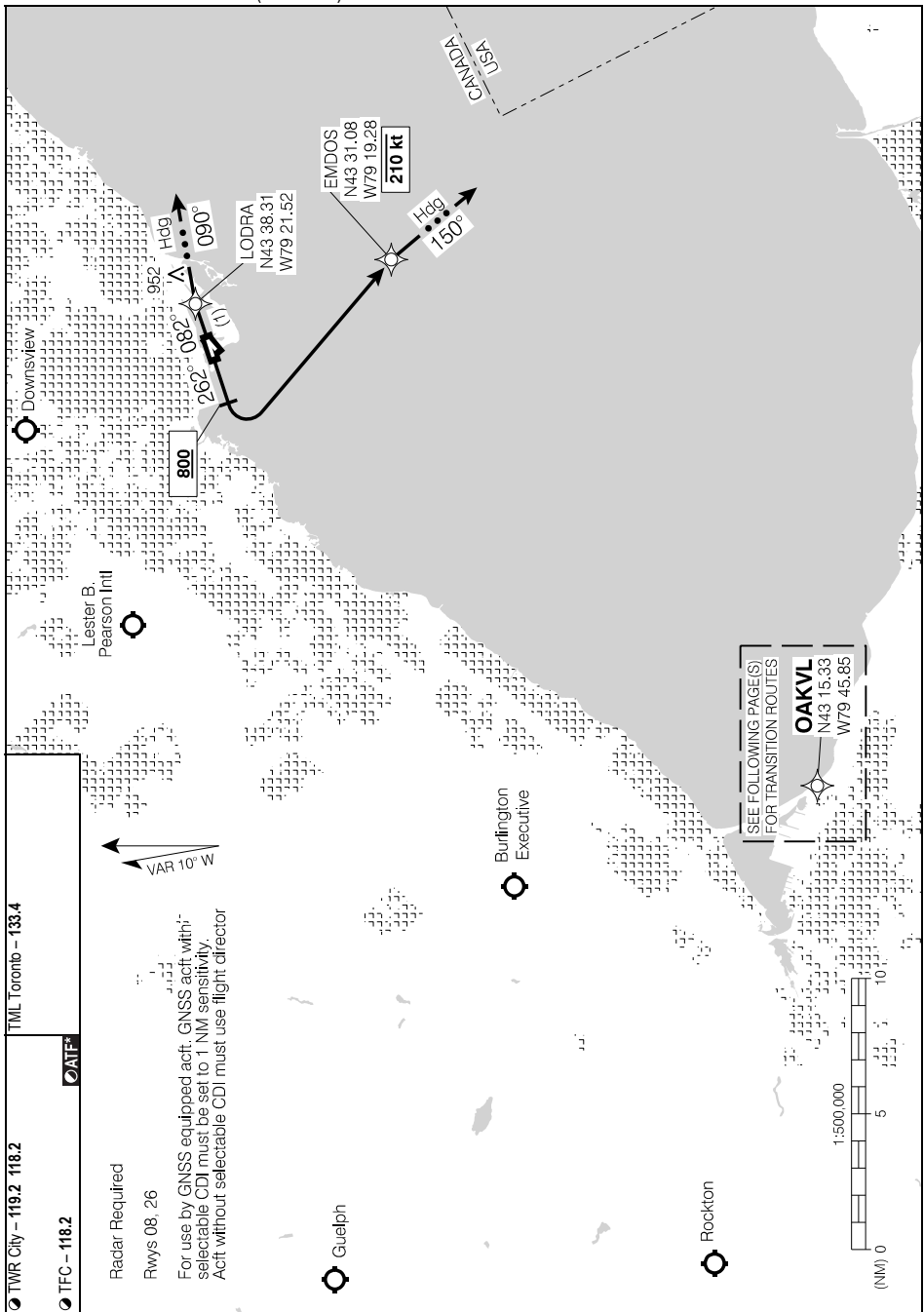
1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

SID (RNAV)

TORONTO/BILLY BISHOP TORONTO CITY AIRPORT, ON

OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

CYTZ

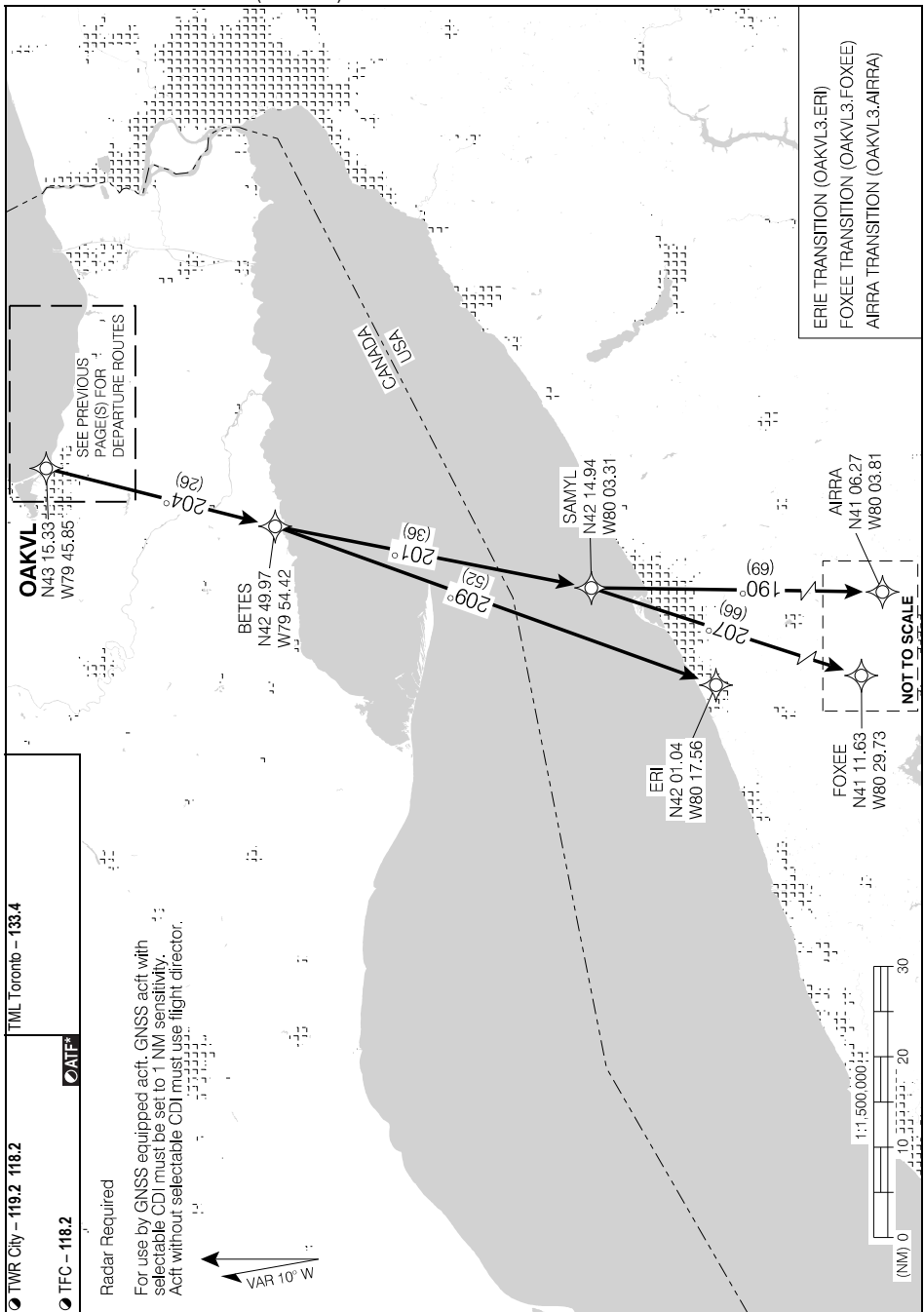


OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

CYTZ

EFF 19 MAY 22

OAKVL THREE DEP (OAKVL3.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

OAKVL THREE DEP (OAKVL3.) TRANSITION ROUTES

Departure Route Description

Unless otherwise assigned by ATC:

- Rwy 08:** Requires a minimum climb gradient of **380 ft/NM** to **1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** and expect vectors to ANCOL.
- Rwy 26:** Requires a minimum climb gradient of **400 ft/NM** to **800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** and expect vectors to ANCOL.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

DERLO TRANSITION: (PERLO4.DERLO)
GENTRY TRANSITION: (PERLO4.GENTRY)
GGUCE TRANSITION: (PERLO4.GGUCE)

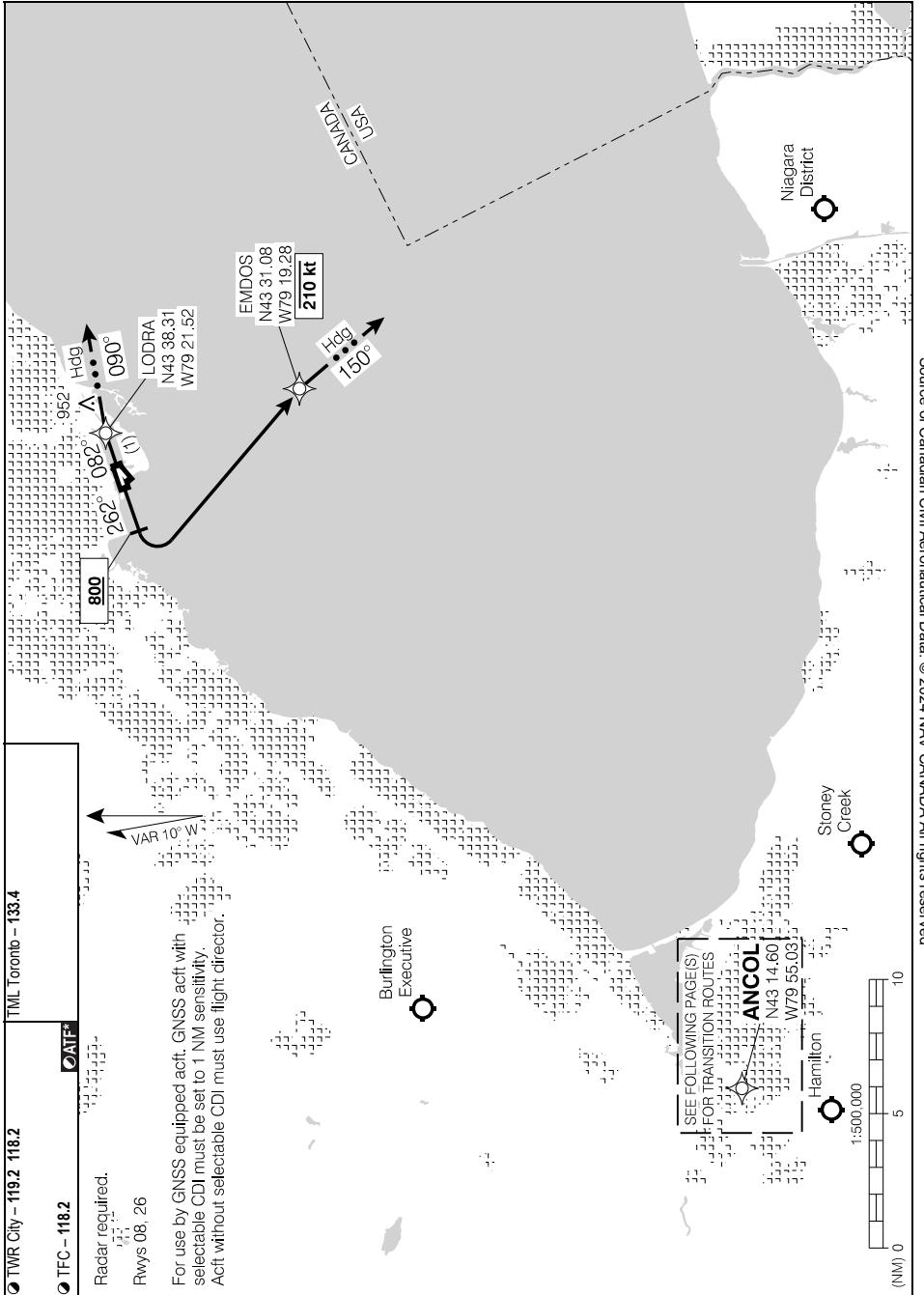
Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

PERLO FOUR DEP (PERLO4.) DEPARTURE ROUTES

CYTZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PERLO FOUR DEP (PERLO4.) DEPARTURE ROUTES

CYTZ

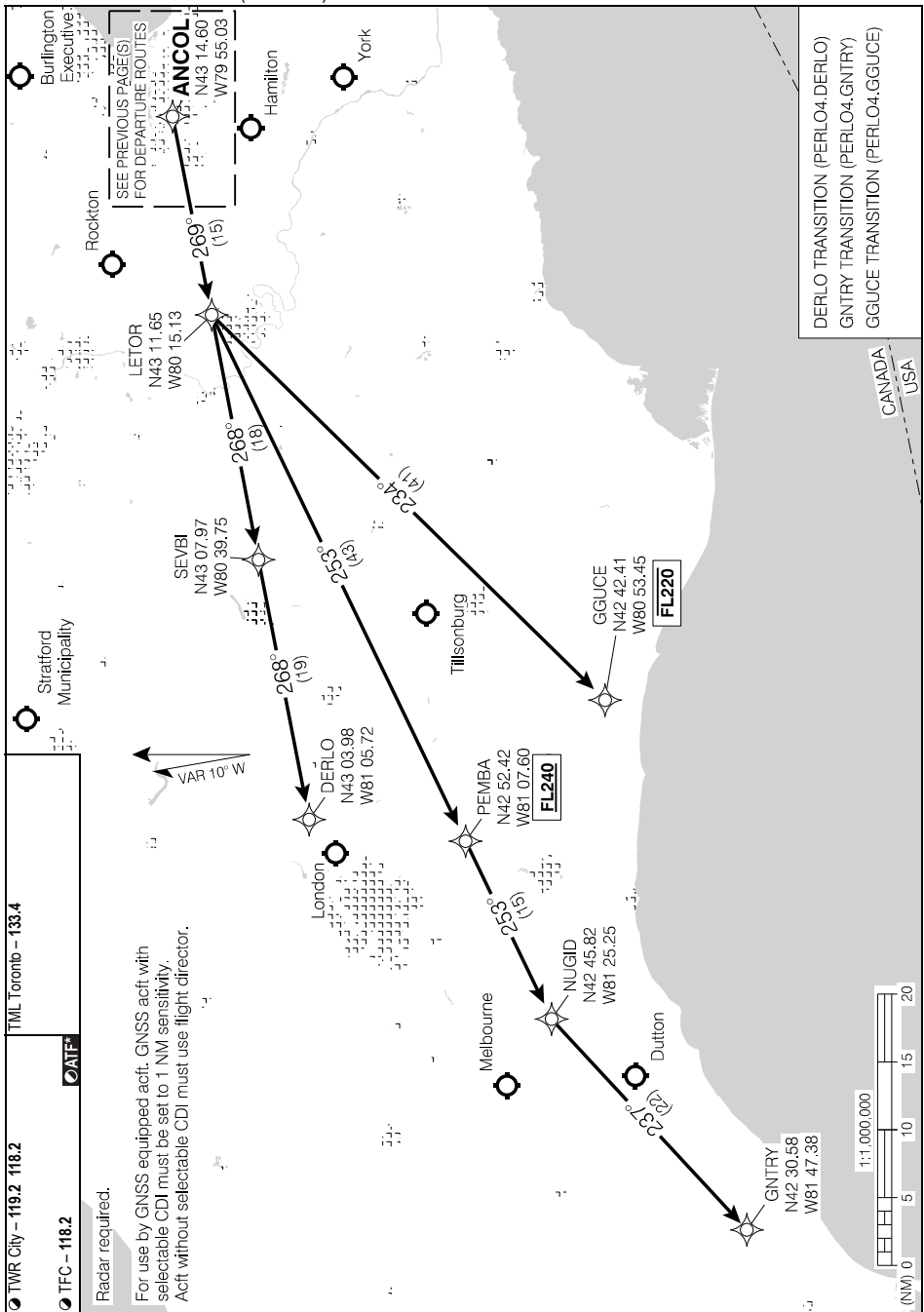
EFF 16 JUL 20

SID (RNAV)

TORONTO/BILLY BISHOP TORONTO CITY AIRPORT, ON

PERLO FOUR DEP (PERLO4.) TRANSITION ROUTES

CYTZ



DERLO TRANSITION (PERLO4.DERLO)
 GENTRY TRANSITION (PERLO4.GENTRY)
 GGUCE TRANSITION (PERLO4.GGUCE)

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PERLO FOUR DEP (PERLO4.) TRANSITION ROUTES

CYTZ

EFF 16 JUL 20

Departure Route Description

Unless otherwise assigned by ATC:

- Rwy 08:** Requires a minimum climb gradient of **380 ft/NM** to **1200**. Maintain **3000**. Climb track **082°** to LODRA. Then climb hdg **090°** and expect vectors to NADUM.
- Rwy 26:** Requires a minimum climb gradient of **400 ft/NM** to **800**. Maintain **2000**. Climb hdg **262°** to **800**. Climbing **LEFT** turn direct to EMDOS. Then continue hdg **150°** and expect vectors to NADUM.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

AHPAH TRANSITION:

(TEVAD2.AHPAH)

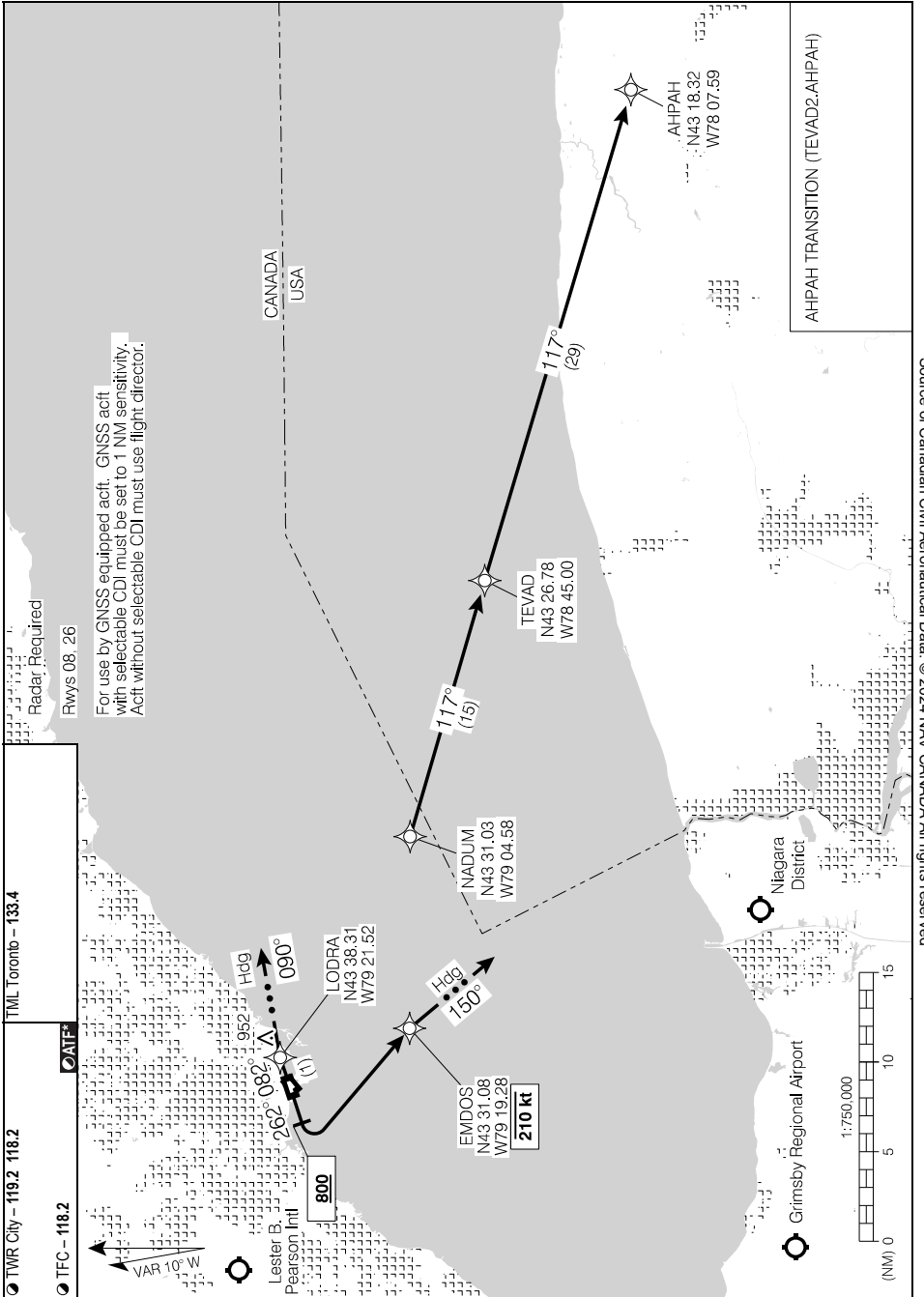
Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3100** on assigned heading;
3. Proceed on course and maintain **4000** or last assigned altitude whichever is higher, then;
4. Climb to flight planned altitude 5 minutes after recognition of the communication failure.

SID (RNAV)

TEVAD TWO DEP (TEVAD2.)



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TEVAD TWO DEP (TEVAD2.)

EFF 16 JUL 20

CYTZ

Departure Procedure

All rwys: Flight between hdg **019°** CW to hdg **057°** prohibited below **3100**.

Rwy 08 – ½: Requires a minimum climb gradient of **380 ft/NM** to **1200**. Climb hdg **095°** to **3000**. Proceed on course after 5 DME "ITZ".

Note: Ship to **316** ASL aprx 0.1 NM past departure end of rwy.

Rwy 24 – ½: Climbing LEFT turn hdg **150°** to **2000**. Proceed on course after 3 DME "ITZ".

Note: Ship to **363** ASL aprx 0.4 NM past departure end of rwy.

Rwy 26 – ½: Climbing LEFT turn hdg **150°** to **2000**. Proceed on course after 5 DME "ITZ".

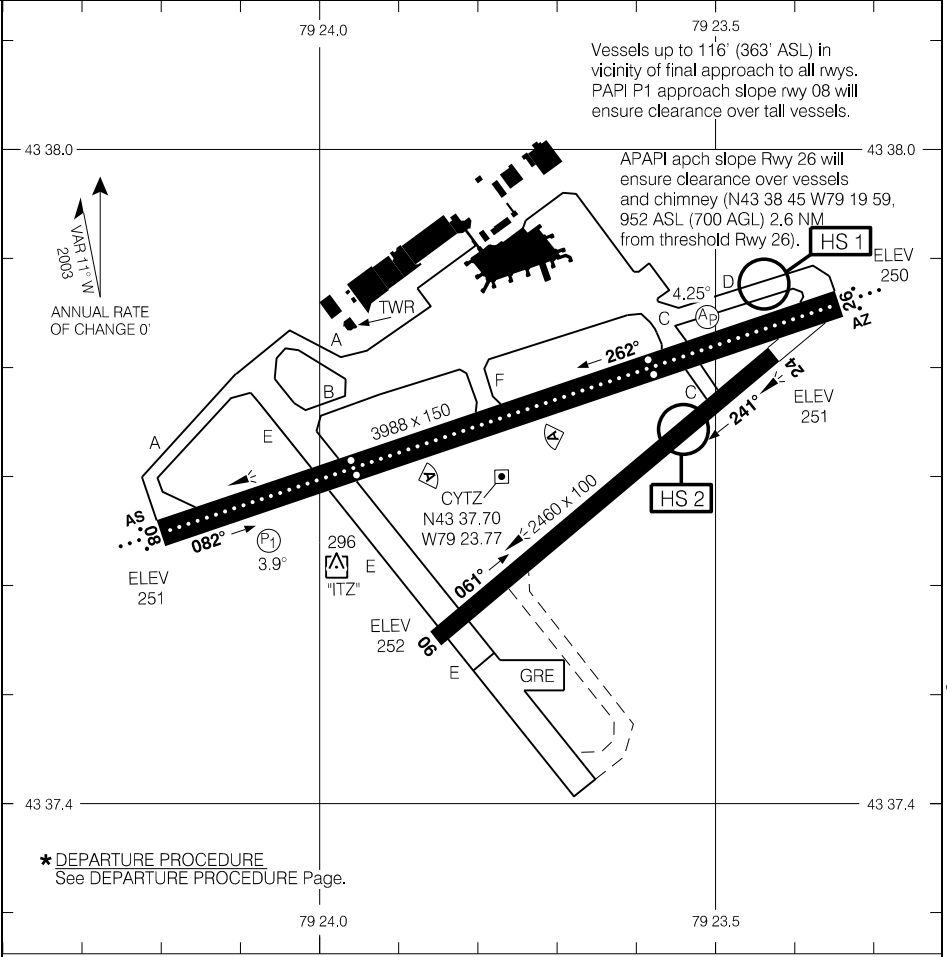
Note: Ship to **363** ASL aprx 0.4 NM past departure end of rwy.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900

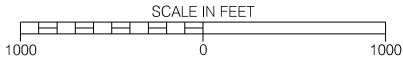
AERODROME CHART

● ATIS - 133.6 ● AWOS - 133.6		● GND - 121.7		● TWR City - 119.2 118.2		TML Toronto - 133.4	
				● TFC - 118.2		● ATF*	
DECL	DISTS	06	24	08	26		
TORA		2460	2460	3988	3988		
TODA		2460	2910	4338	4338		
ASDA		2460	2460	3988	3988		
LDA		2460	2460	3988	3988		



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RUNWAY LEVEL OF SERVICE	
RVO	LVO
RWY 08, 26: RVR 1200	NOT AUTHORIZED
TAKE-OFF MINIMA	
Rws 08, 24, 26: ★ Rws 06: NOT ASSESSED	




AERODROME CHART

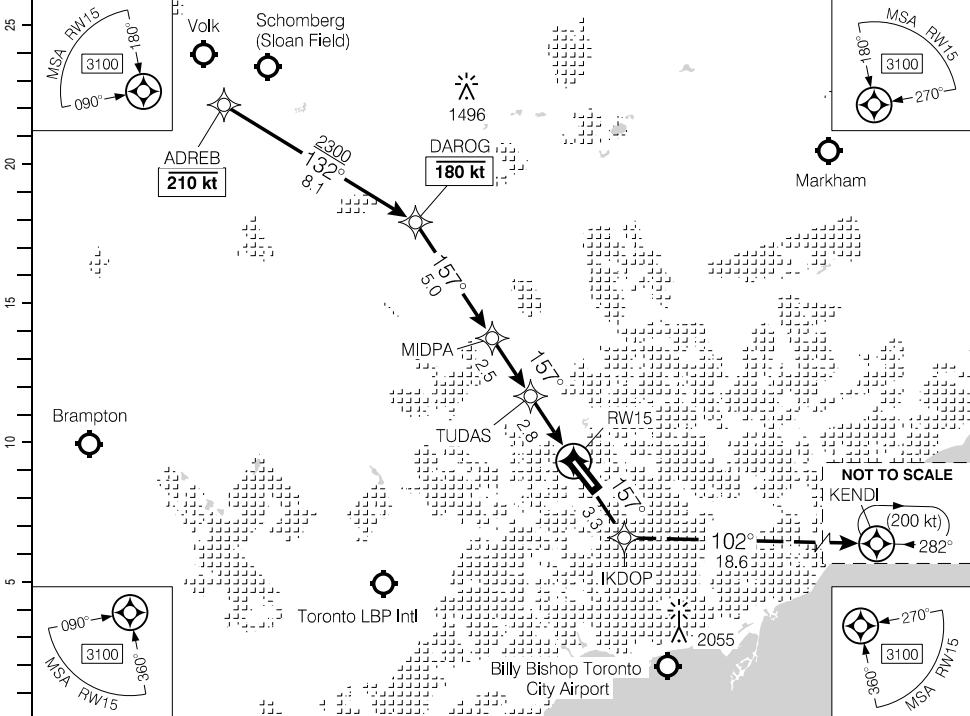
EFF 22 APR 21

CYTZ

RNAV (GNSS) Z RWY 15

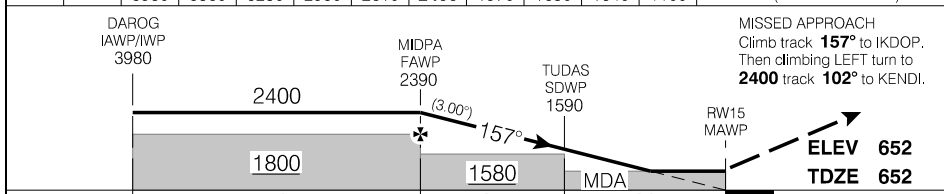
434434N 0792756W VAR 11°W

AUTO - 122.97	TML Toronto - 133.4	UNICOM - 126.2		MF	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 157°	MIN ALT MIDPA 1800	LDA 7003	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		10.3	9	8	7	6	5.3	4	3	2	1.3	DIST FROM RWY15
		3980	3560	3250	2930	2610	2400	1970	1650	1340	1100	ALT (3.00° APCH PATH)



RASS: When using CYZD add 30'			CATEGORY	A	B	C	D
LNAV			1100	(451)	1½		
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 15

CYZD

EFF 30 NOV 23

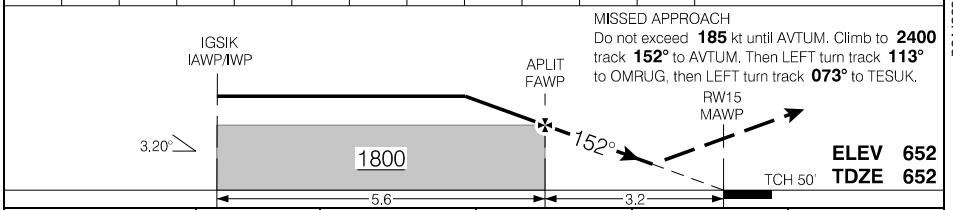
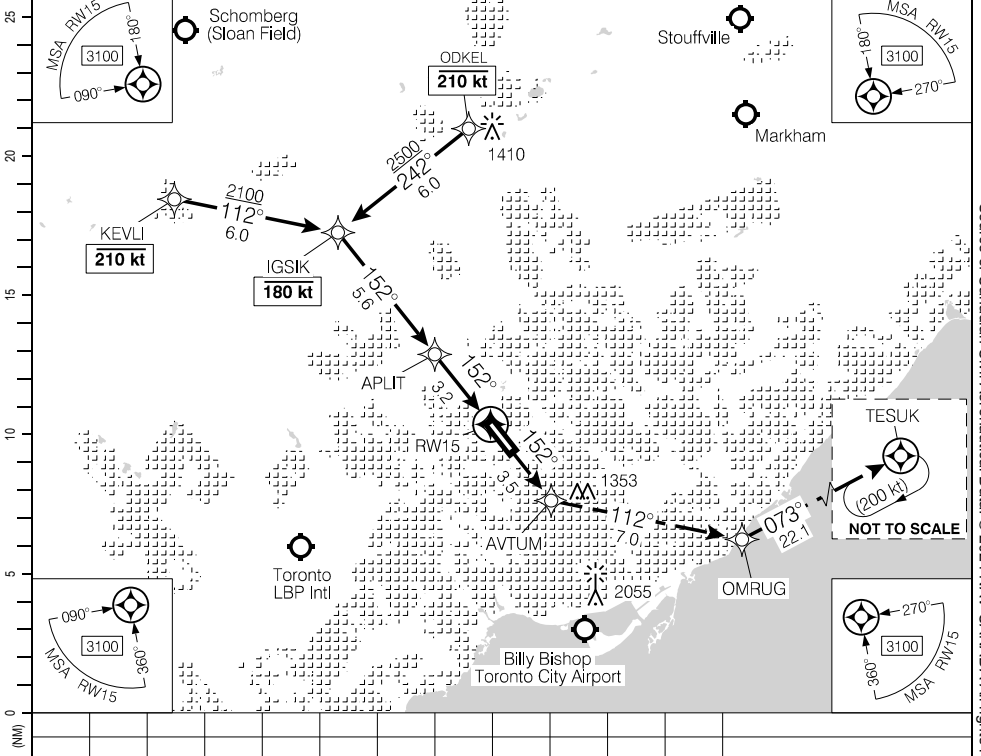
RNAV (GNSS) Y RWY 15

434434N 0792756W VAR 10°W

CYZD

AUTO - 122.97	TML Toronto - 133.4	UNICOM - 126.2		MF	AS
---------------	---------------------	----------------	--	----	----

SAFE ALT 100 NM 4900	WAAS Ch 80436 W15A	APCH CRS 152°	MIN ALT APLIT 1800	LDA 7003	
--------------------------------	--------------------------	----------------------------	---------------------------------	--------------------	--



RNAV (GNSS) Y RWY 15

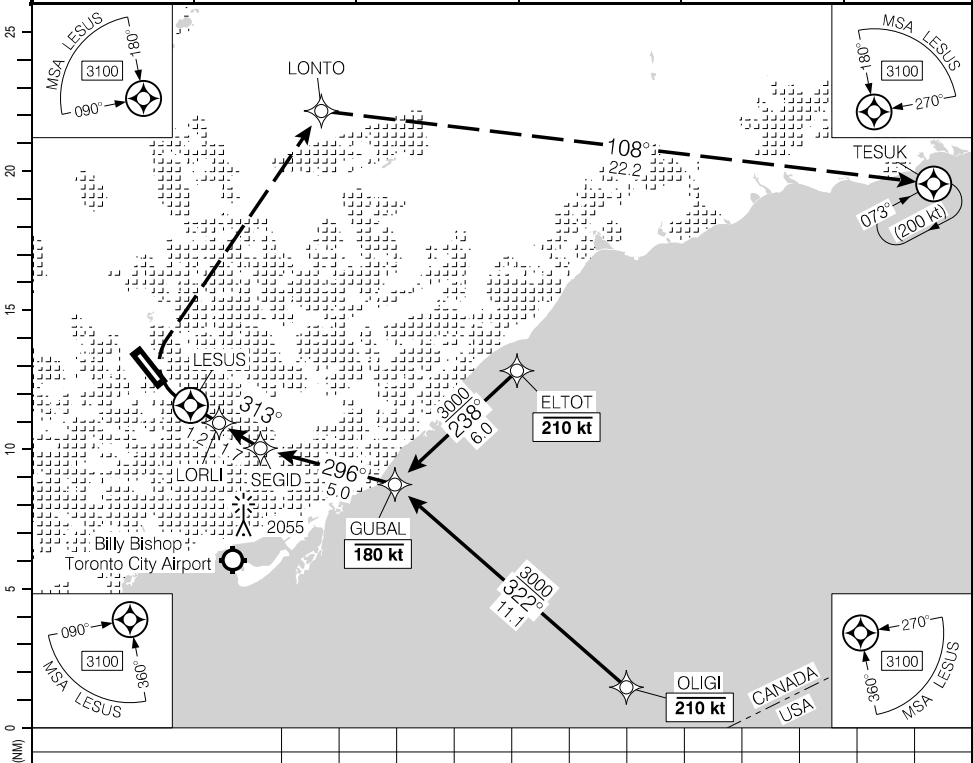
CYZD

EFF 30 NOV 23

RNAV (GNSS) Z RWY 33

434434N 0792756W VAR 11°W

AUTO - 122.97	TML Toronto - 133.4	UNICOM - 126.2		MF*	(P2) 2.0°
SAFE ALT 100 NM 4900	RNAV	APCH CRS 313°	MIN ALT SEGID 2000	LDA 7003	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MISSED APPROACH
Do not exceed 185 kt until LONTO.
Climbing RIGHT turn to **2500** direct to LONTO. Then RIGHT turn track **108°** to TESUK.

ELEV 652
TDZE 644

LESUS MAWP | LORLI SDWP | SEGID FAWP | GUBAL IAWP/IWP

MDA 1620 | 2000

1.5 | 1.2 | 1.7 | 5.0

RASS: When using CYYZ add 30'.			CATEGORY	A	B	C	D
Knots			LNNAV	1280		(644)	2
ft/min							
Min:Sec							
70							
90							
110							
130							
150							

RNAV (GNSS) Z RWY 33

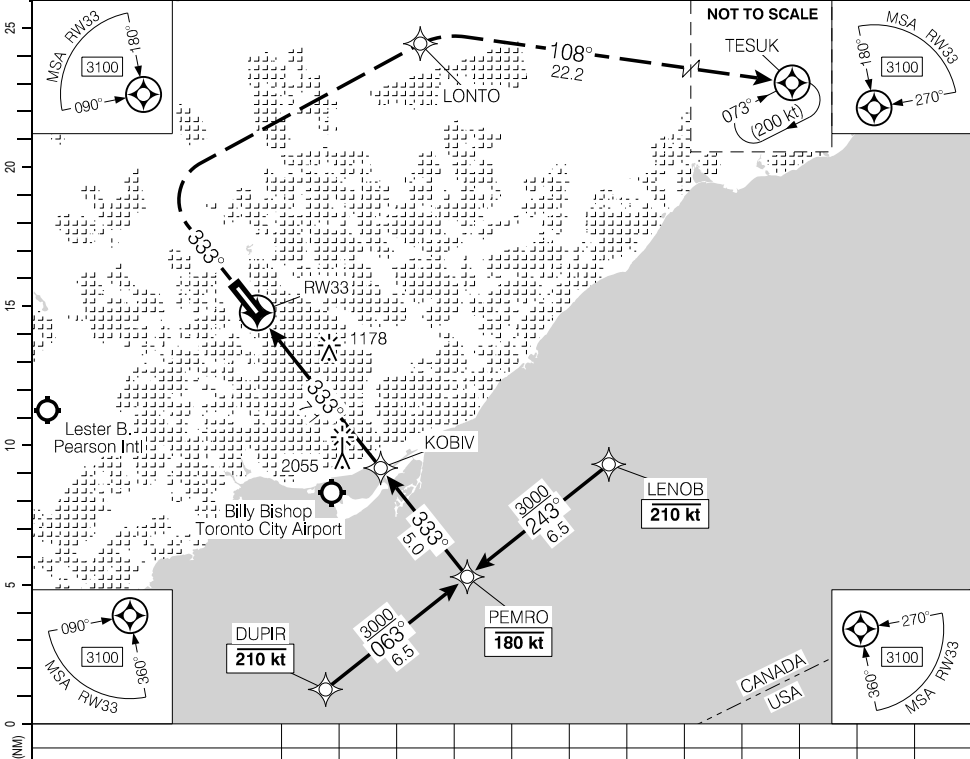
CYZD

EFF 30 NOV 23

RNAV (GNSS) Y RWY 33

434434N 0792756W VAR 11°W

AUTO - 122.97		TML Toronto - 133.4		UNICOM - 126.2		P2 2.0	
SAFE ALT 100 NM 4900		WAAS Ch 80437 W33A		APCH CRS 333°		MIN ALT KOBIV 3000	



MISSED APPROACH
Do not exceed 185 kt until LONTO.
Climb to **1100** on track of **333°**
then climbing **RIGHT** turn to **2500**
direct to LONTO, then **RIGHT** turn
track **108°** to TESUK.

ELEV 652
TDZE 644

TCH 50'

3000

3.00°

RASS: When using CYZD add 30'.			CATEGORY	A	B	C	D
Knots			LPV	886		(250)	1
70	ft/min	Min:Sec					
90							
110							
130							
150							

RNAV (GNSS) Y RWY 33

CYZD

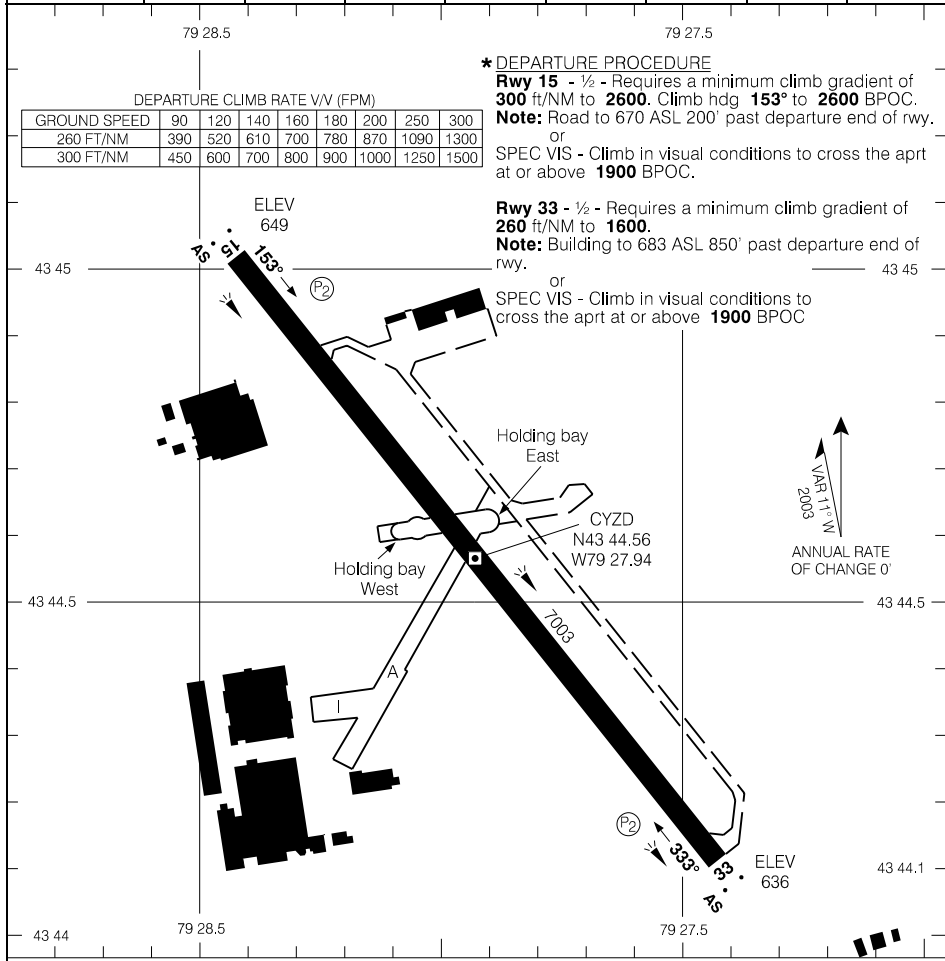
EFF 30 NOV 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

AUTO - 122.97				UNICOM - 126.2		TML Toronto - 133.4	
						MF*	

DECL DISTS	15	33					
TORA	7003	7003					
TODA	7803	7987					
ASDA	7003	7003					
LDA	7003	7003					

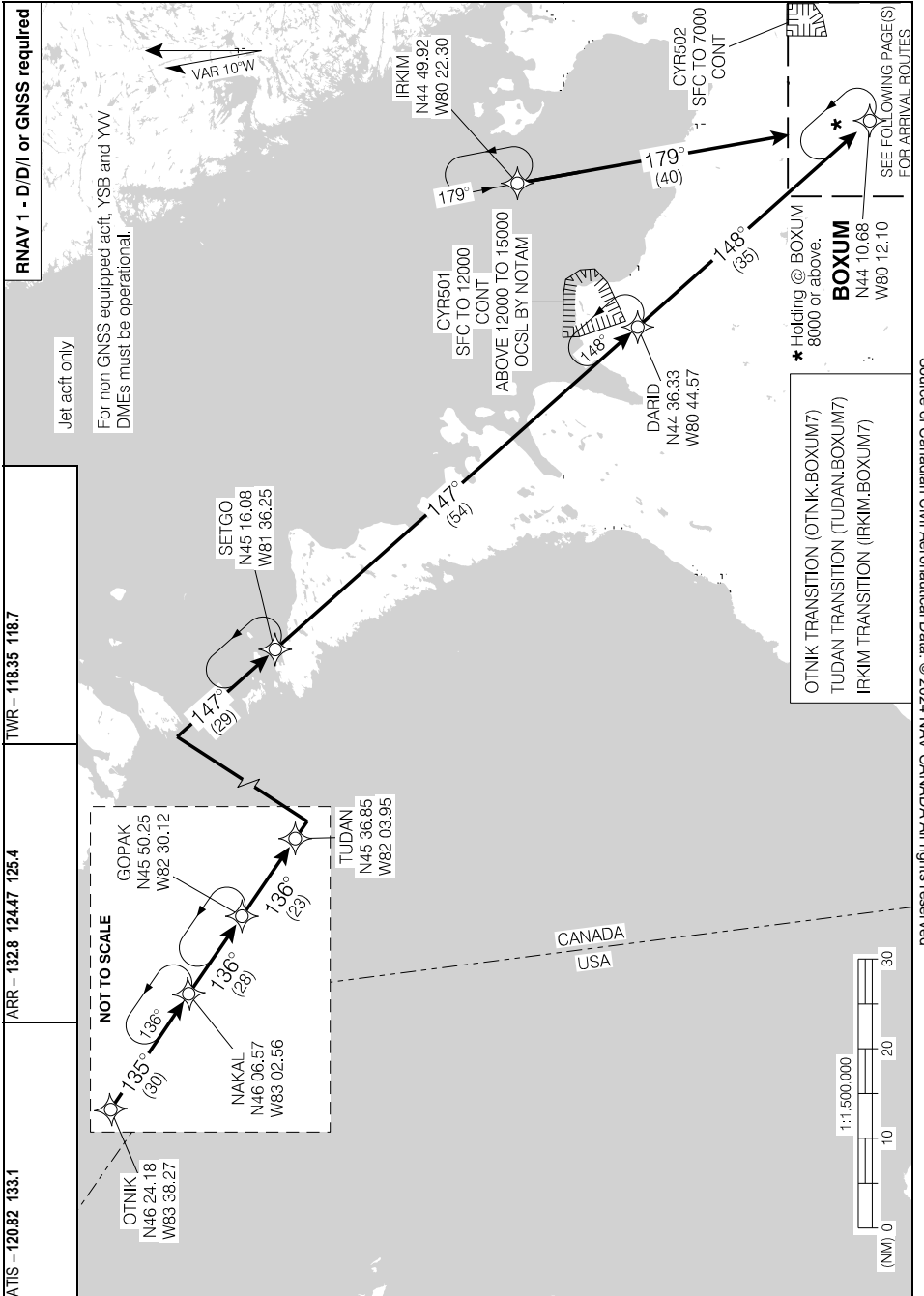


Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

RVO		LVO	
RWY 15, 33: (1/2)sm		NOT AUTHORIZED	
TAKE-OFF MINIMA		SCALE IN FEET	
Rwys 15; 33: *			

BOXUM SEVEN ARR (BOXUM.BOXUM7) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

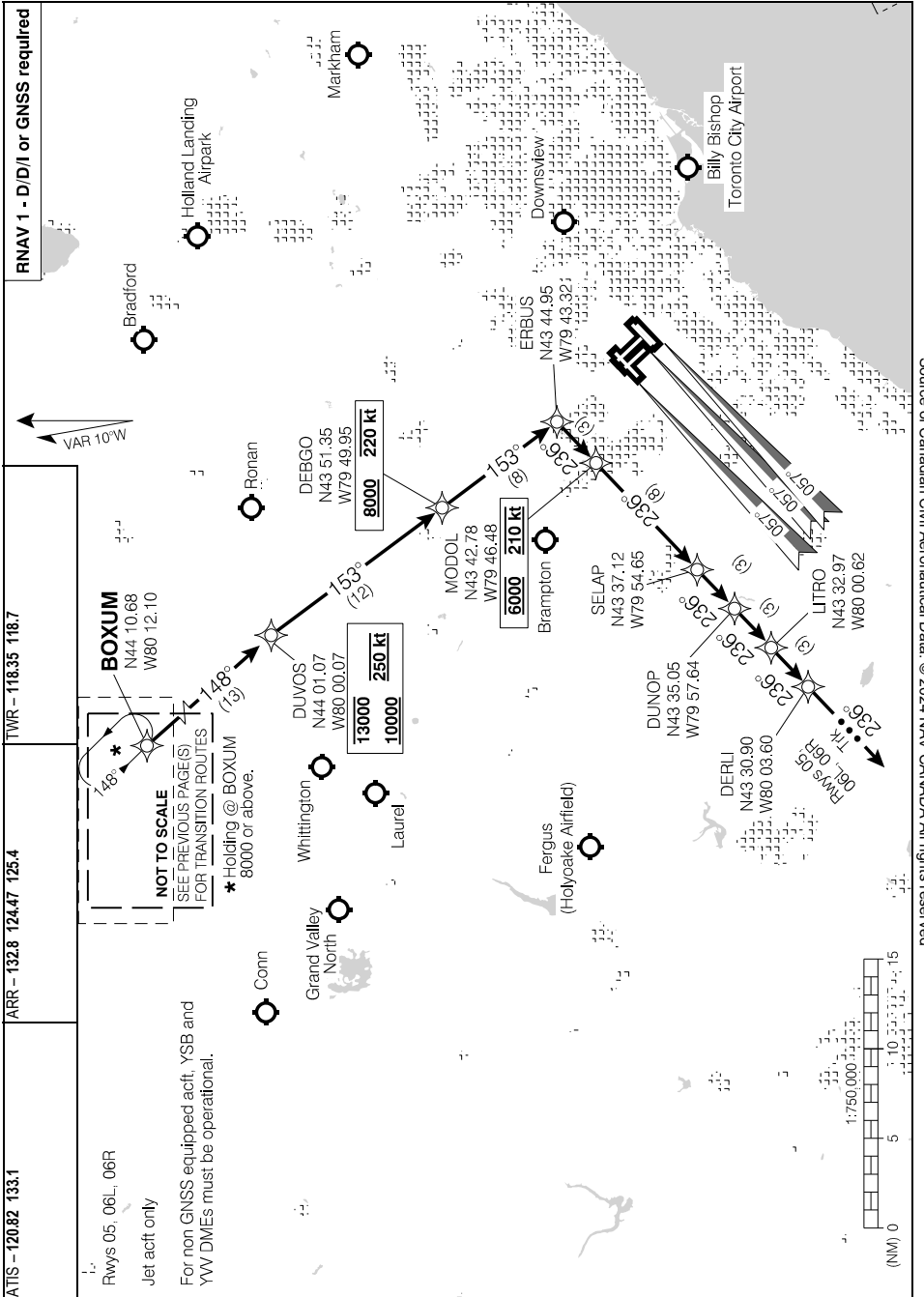
BOXUM SEVEN ARR (BOXUM.BOXUM7) TRANSITION ROUTES

CYYZ

EFF 30 NOV 23

BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

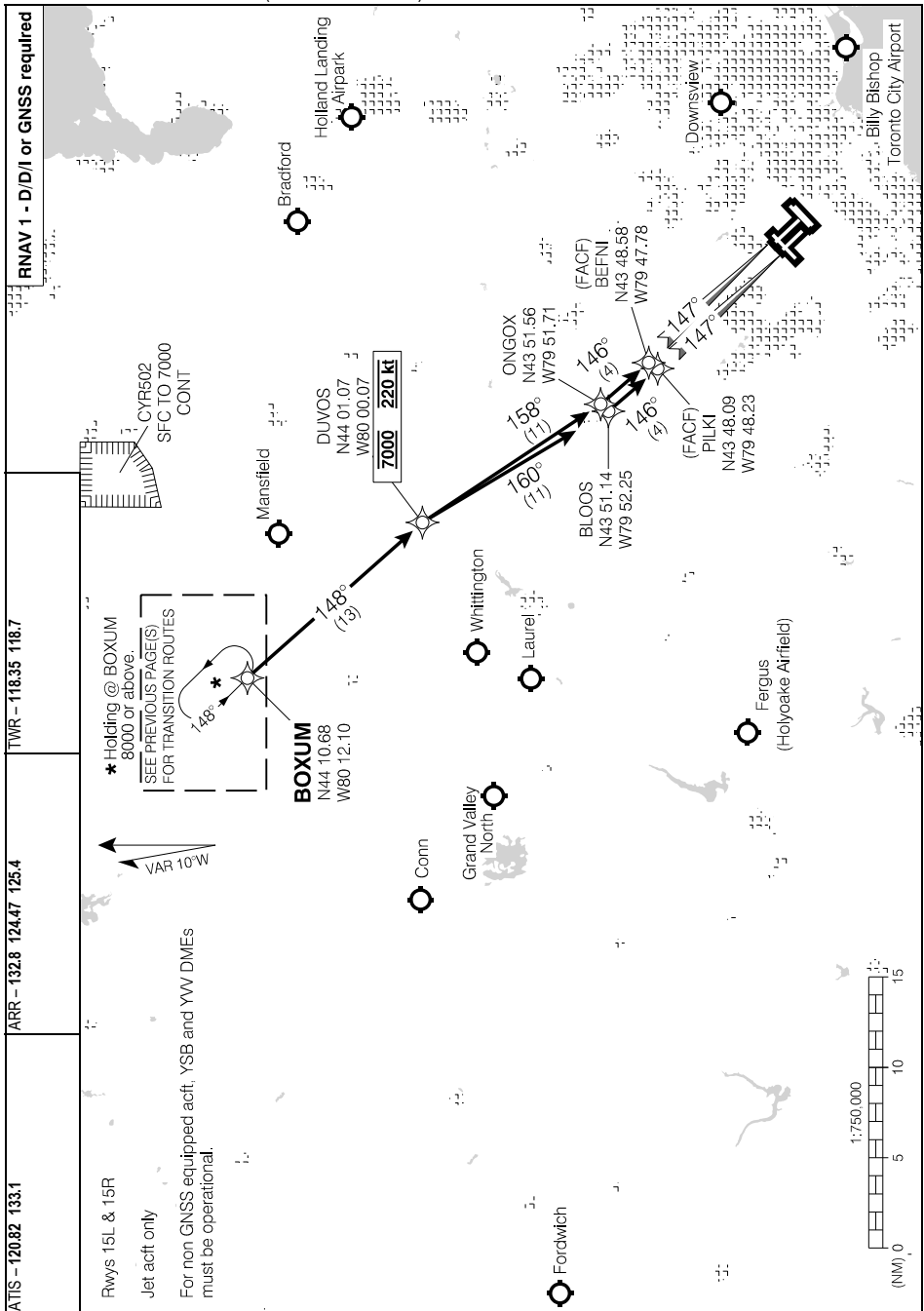
BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ



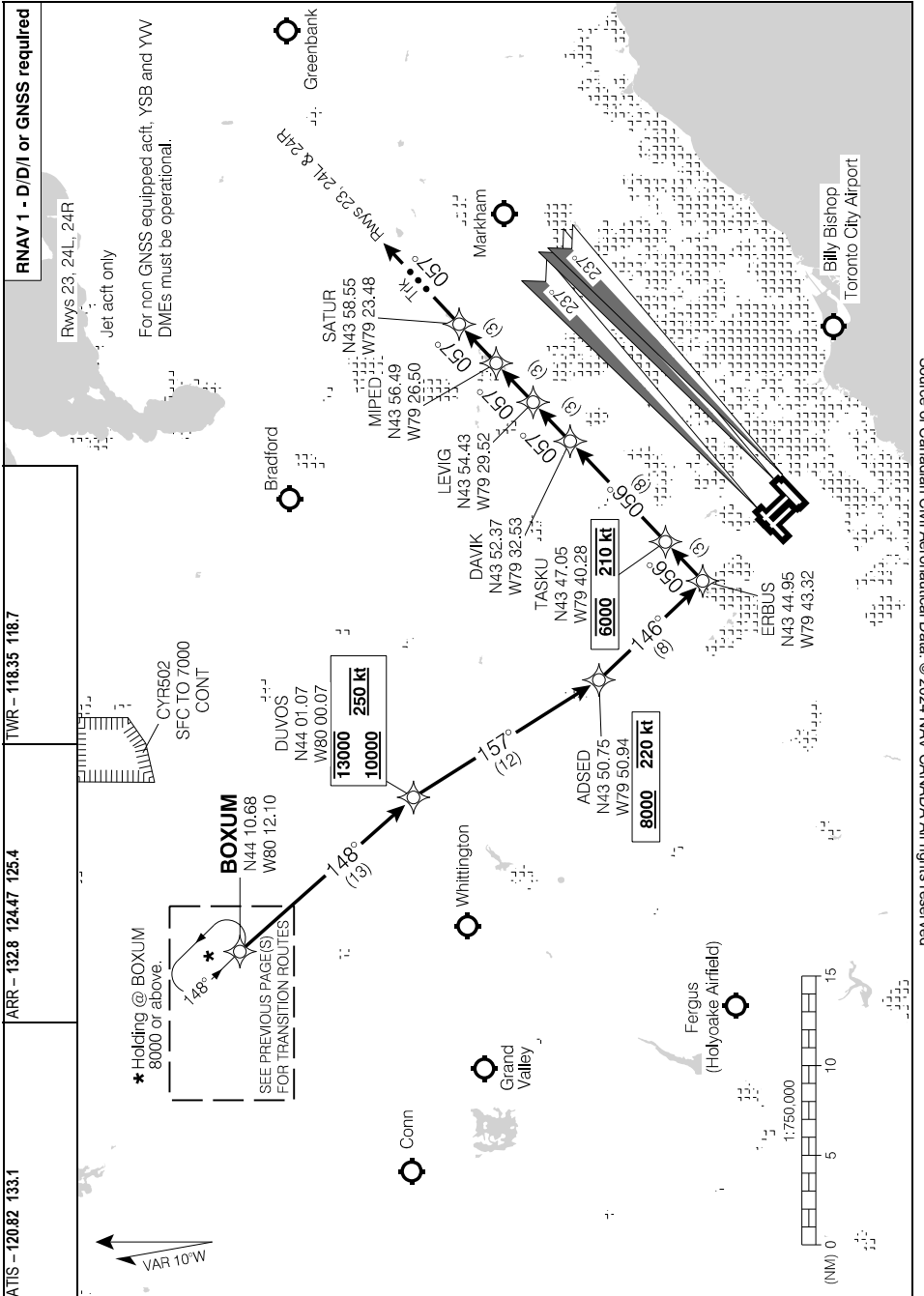
BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

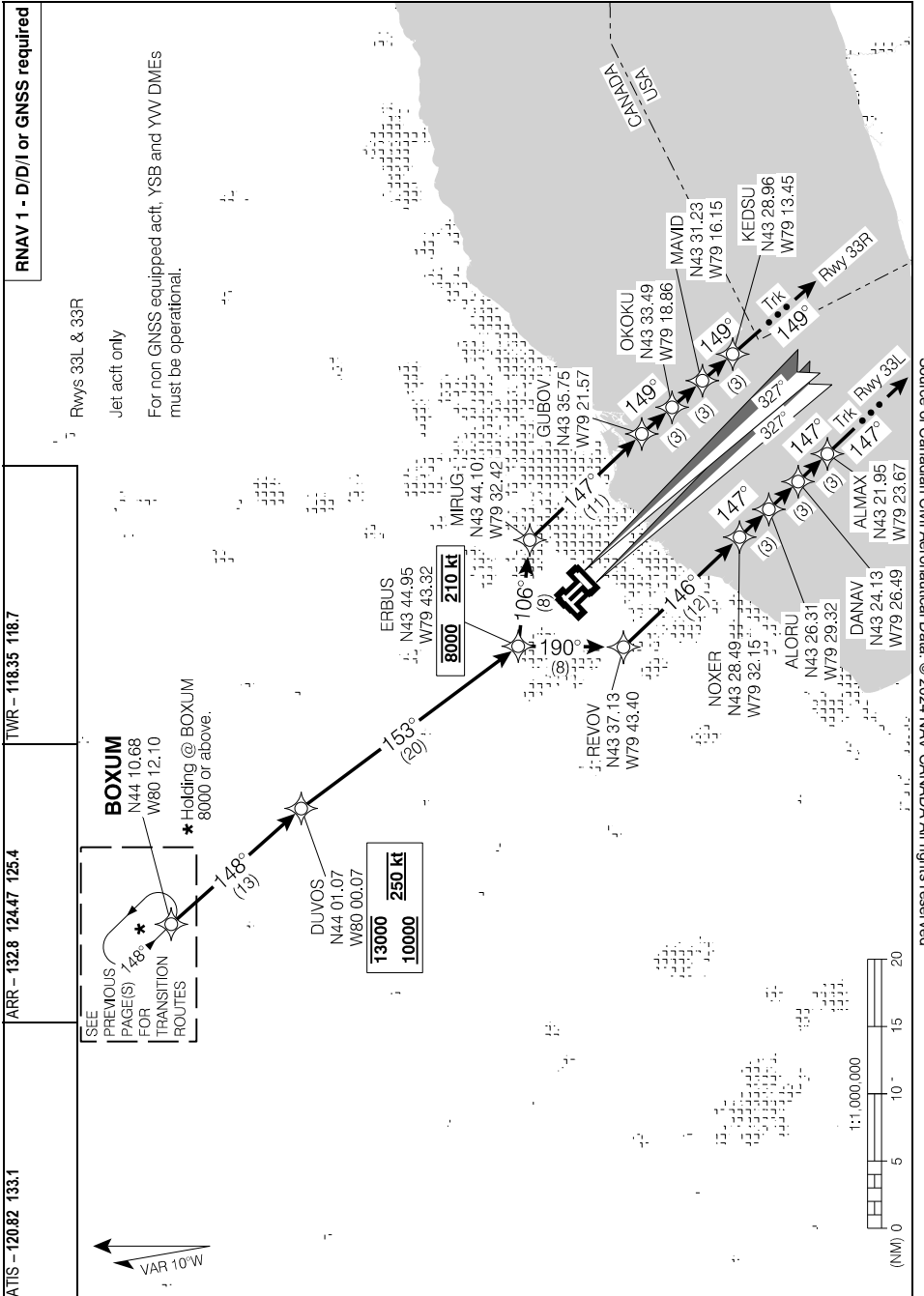
BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ



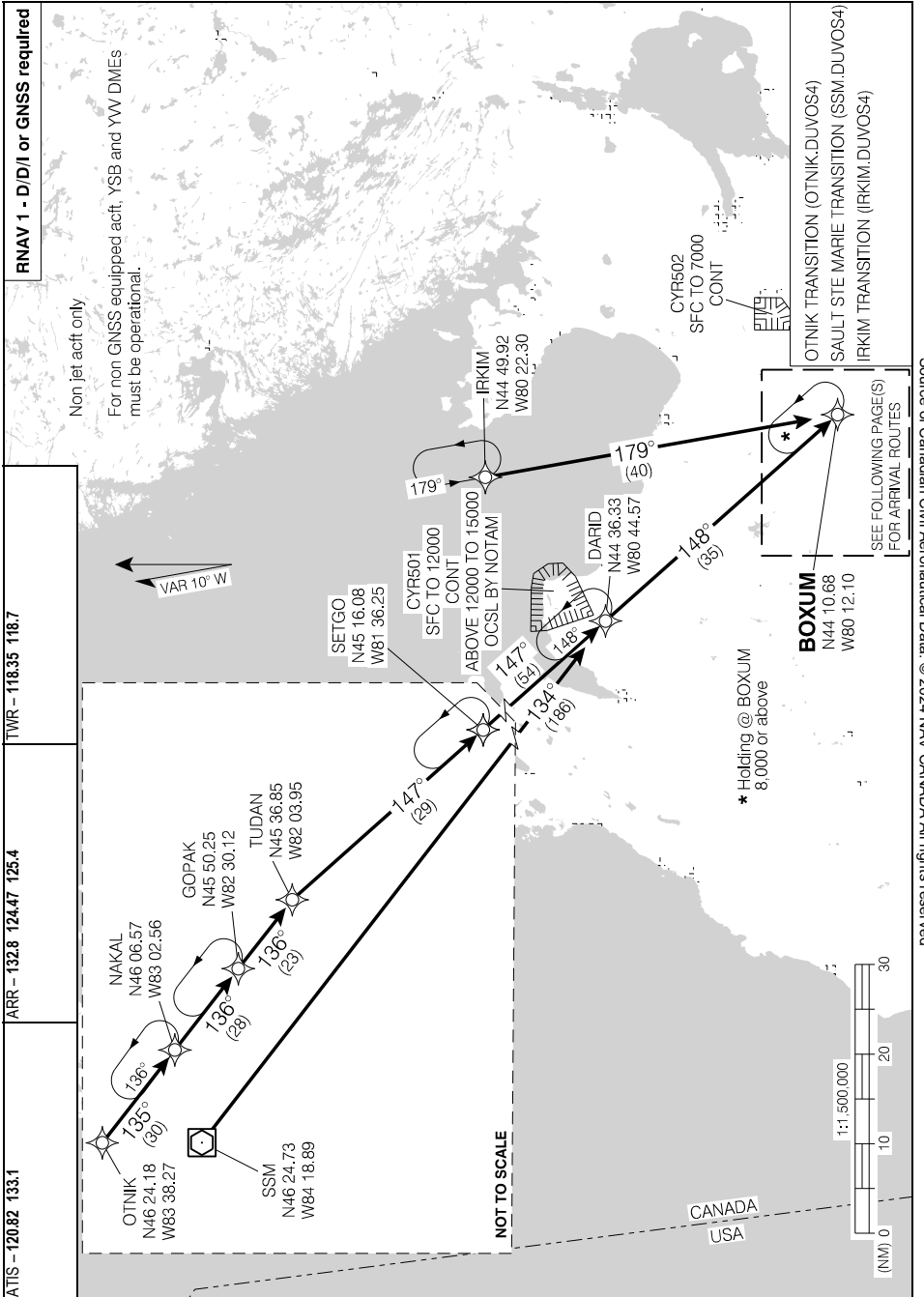
BOXUM SEVEN ARR (BOXUM.BOXUM7) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

DUVOS FOUR ARR (BOXUM.DUVOS4) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

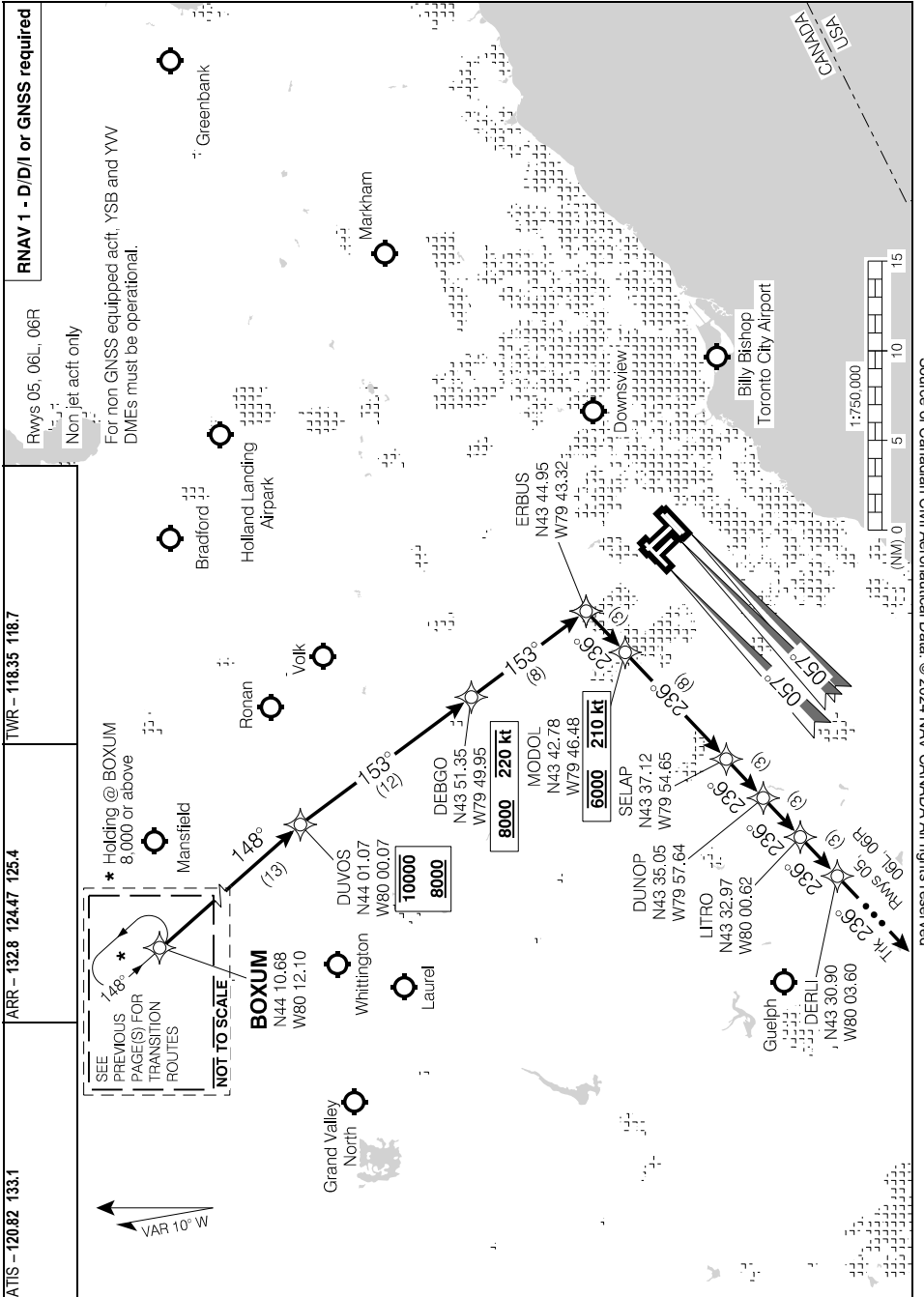
DUVOS FOUR ARR (BOXUM.DUVOS4) TRANSITION ROUTES

CYYZ

EFF 3 NOV 22

DUVOS FOUR ARR (BOXUM.DUVOS4) ARRIVAL ROUTES

CYYZ



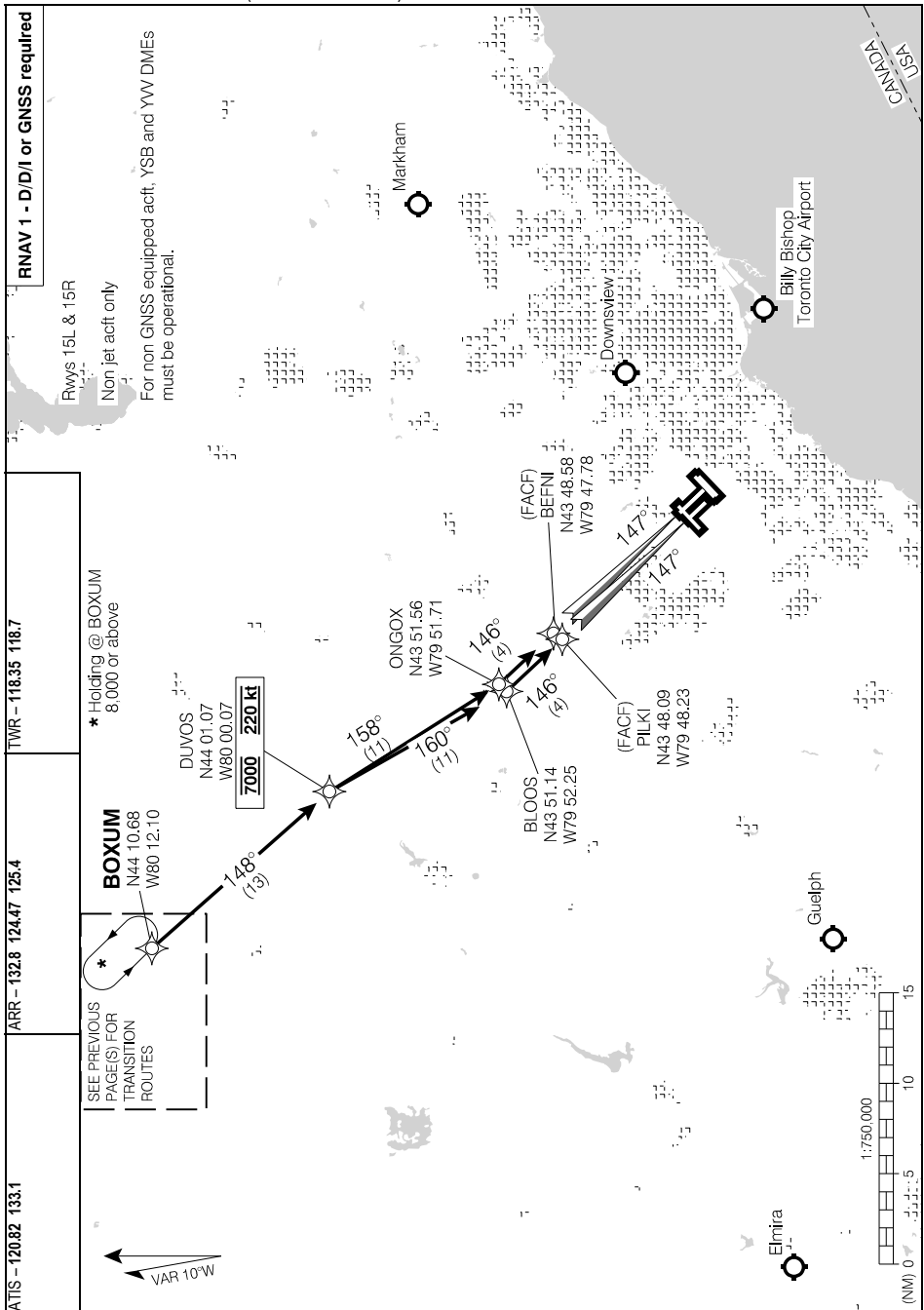
DUVOS FOUR ARR (BOXUM.DUVOS4) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

DUVOS FOUR ARR (BOXUM.DUVOS4) ARRIVAL ROUTES

CYYZ



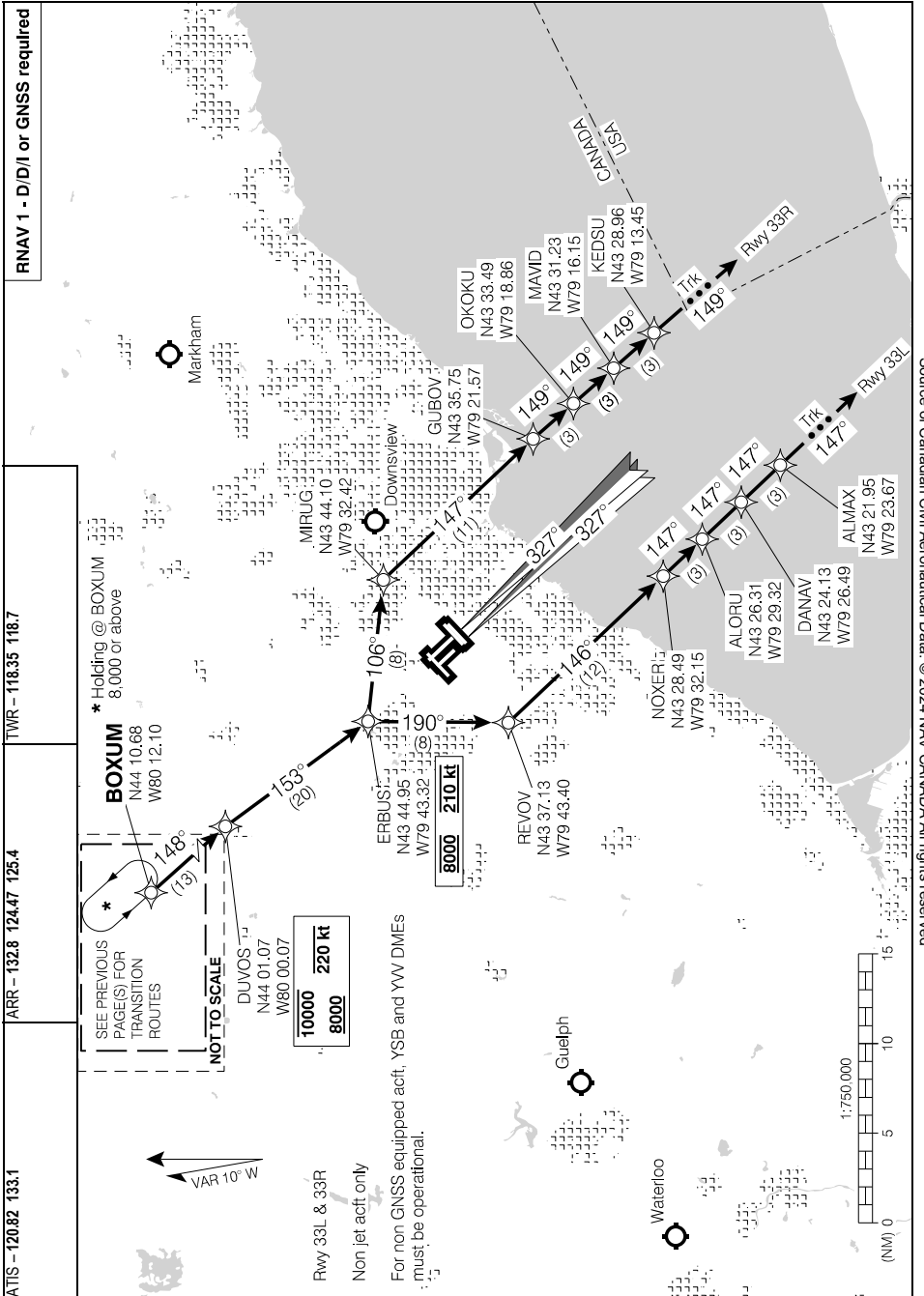
DUVOS FOUR ARR (BOXUM.DUVOS4) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

DUVOS FOUR ARR (BOXUM.DUVOS4) ARRIVAL ROUTES

CYYZ



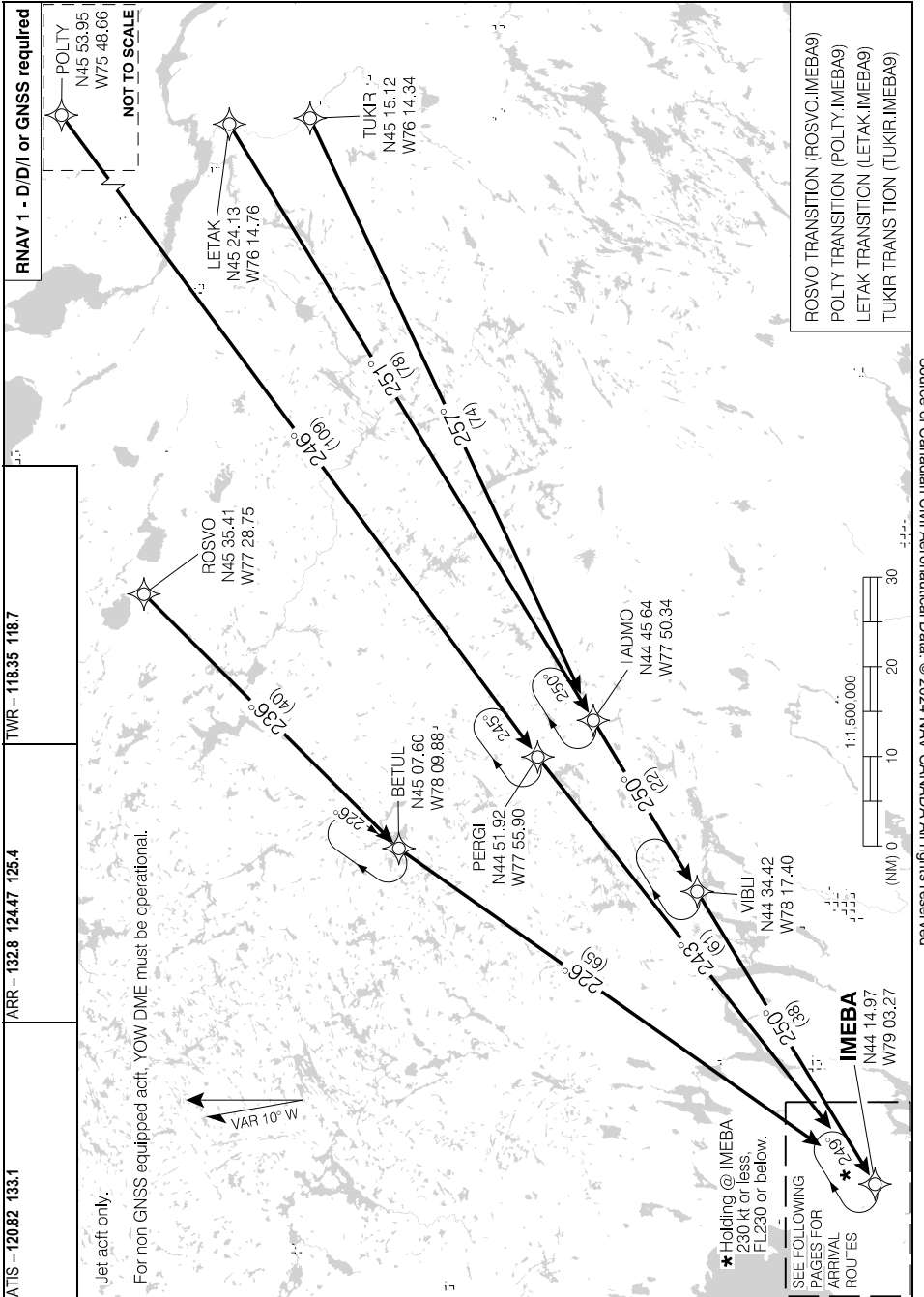
DUVOS FOUR ARR (BOXUM.DUVOS4) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

IMEBA NINE ARR (IMEBA.IMEBA9) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

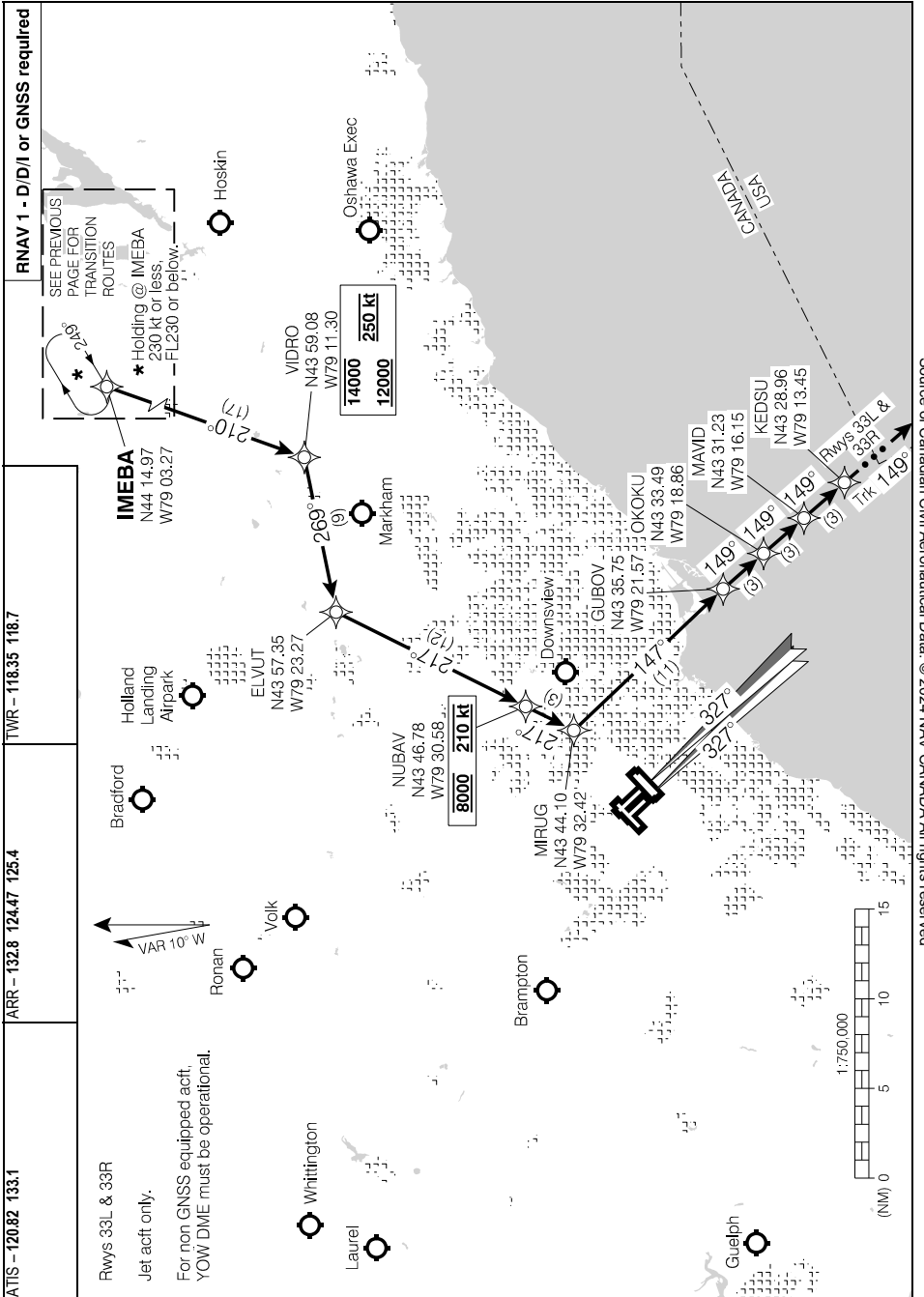
IMEBA NINE ARR (IMEBA.IMEBA9) TRANSITION ROUTES

CYYZ

EFF 20 APR 23

IMEBA NINE ARR (IMEBA.IMEBA9) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

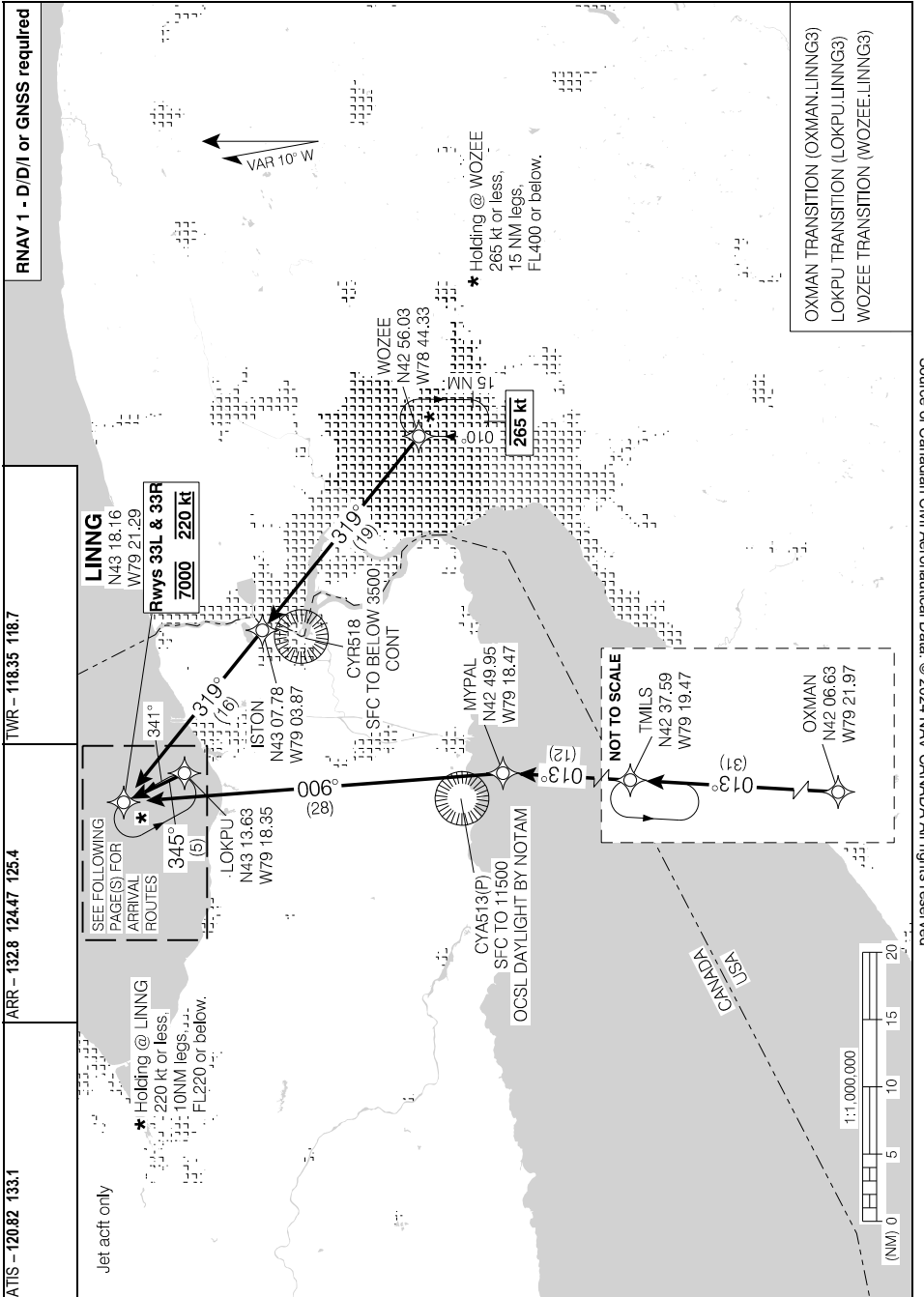
IMEBA NINE ARR (IMEBA.IMEBA9) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

LINNG THREE ARR (LINNG.LINNG3) ARRIVAL ROUTES

CYYZ

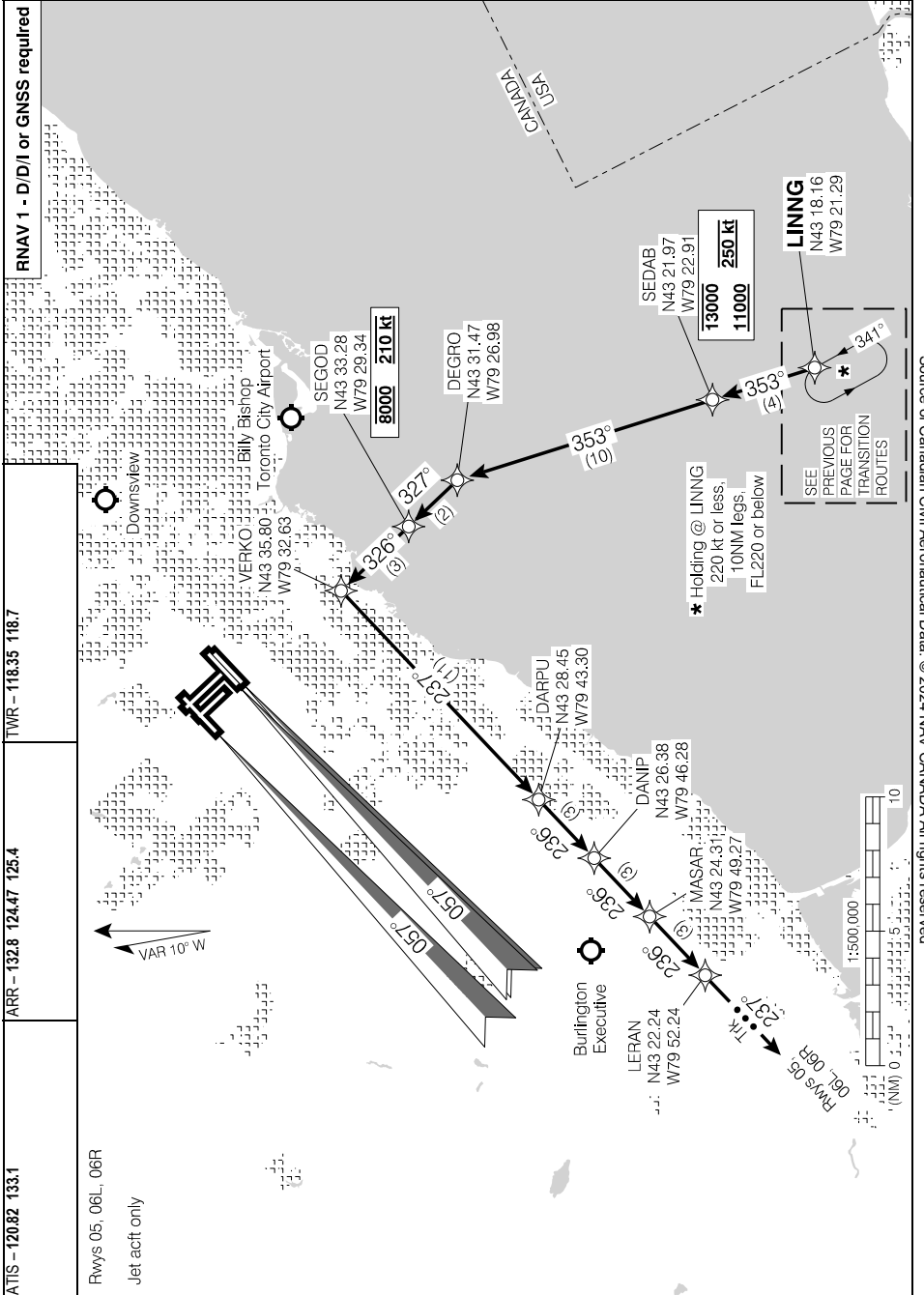


LINNG THREE ARR (LINNG.LINNG3) TRANSITION ROUTES

CYYZ

LINNG THREE ARR (LINNG.LINNG3) ARRIVAL ROUTES

CYYZ



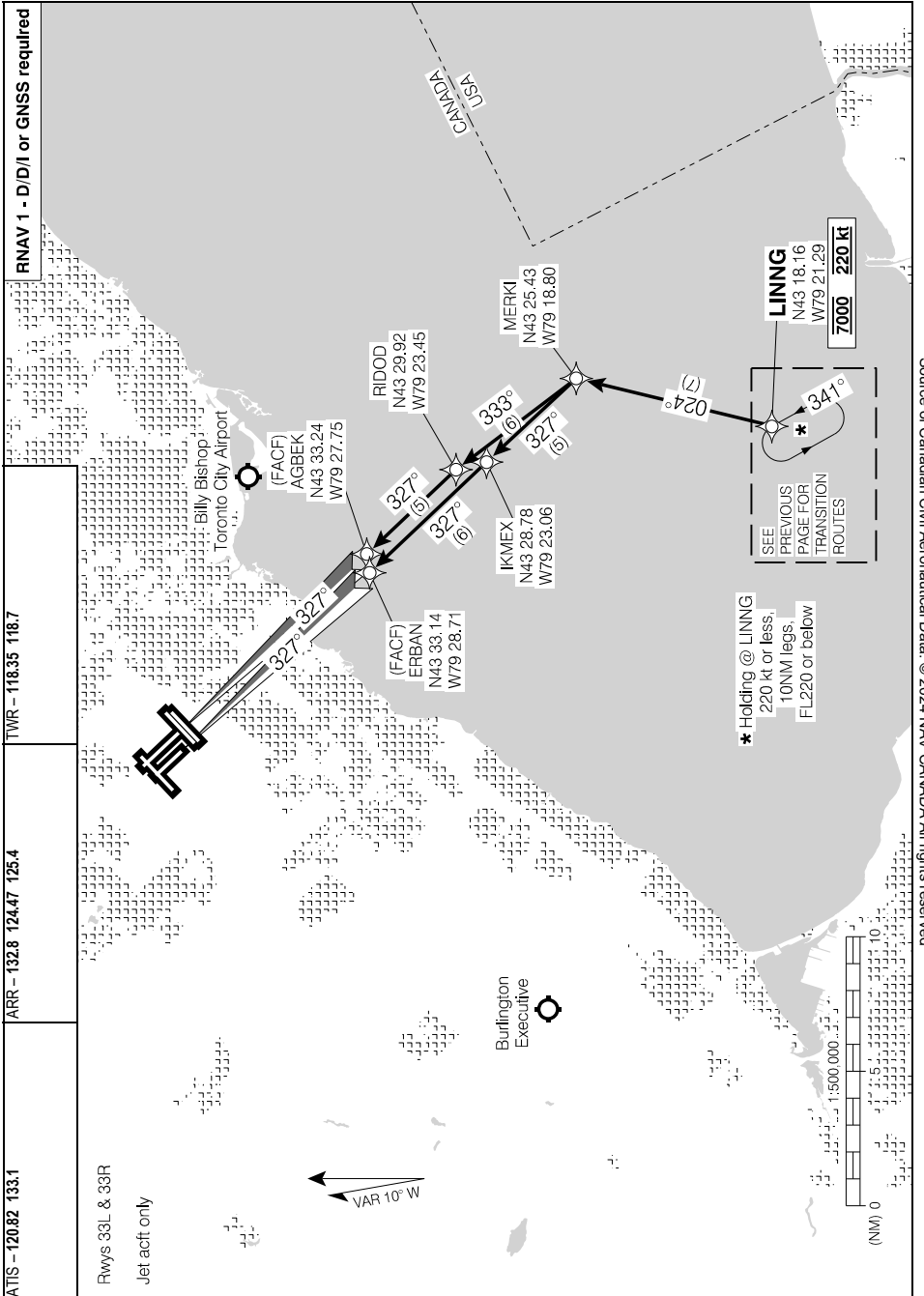
LINNG THREE ARR (LINNG.LINNG3) ARRIVAL ROUTES

CYYZ

EFF 14 JUL 22

LINNG THREE ARR (LINNG.LINNG3) ARRIVAL ROUTES

CYYZ

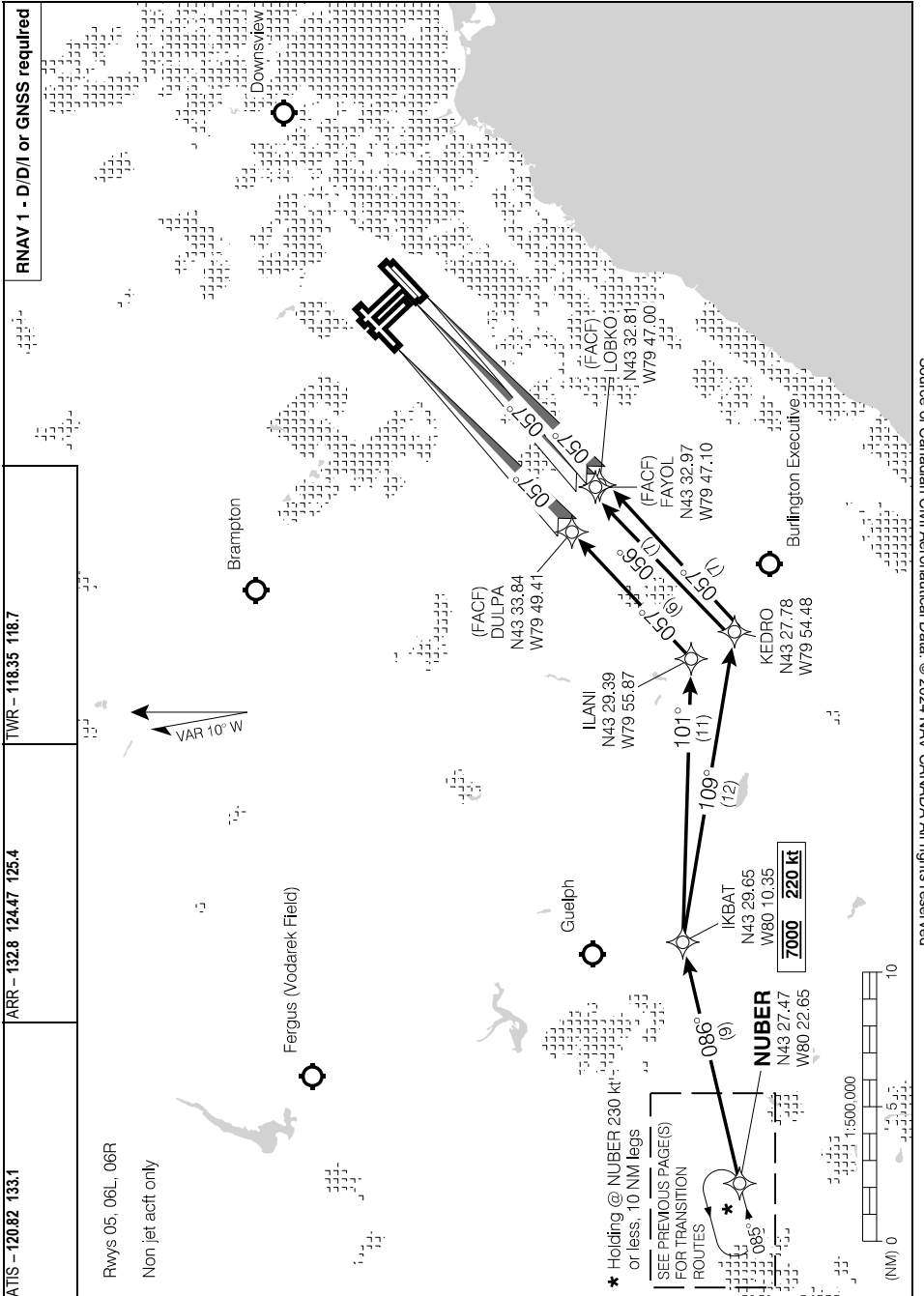


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

LINNG THREE ARR (LINNG.LINNG3) ARRIVAL ROUTES

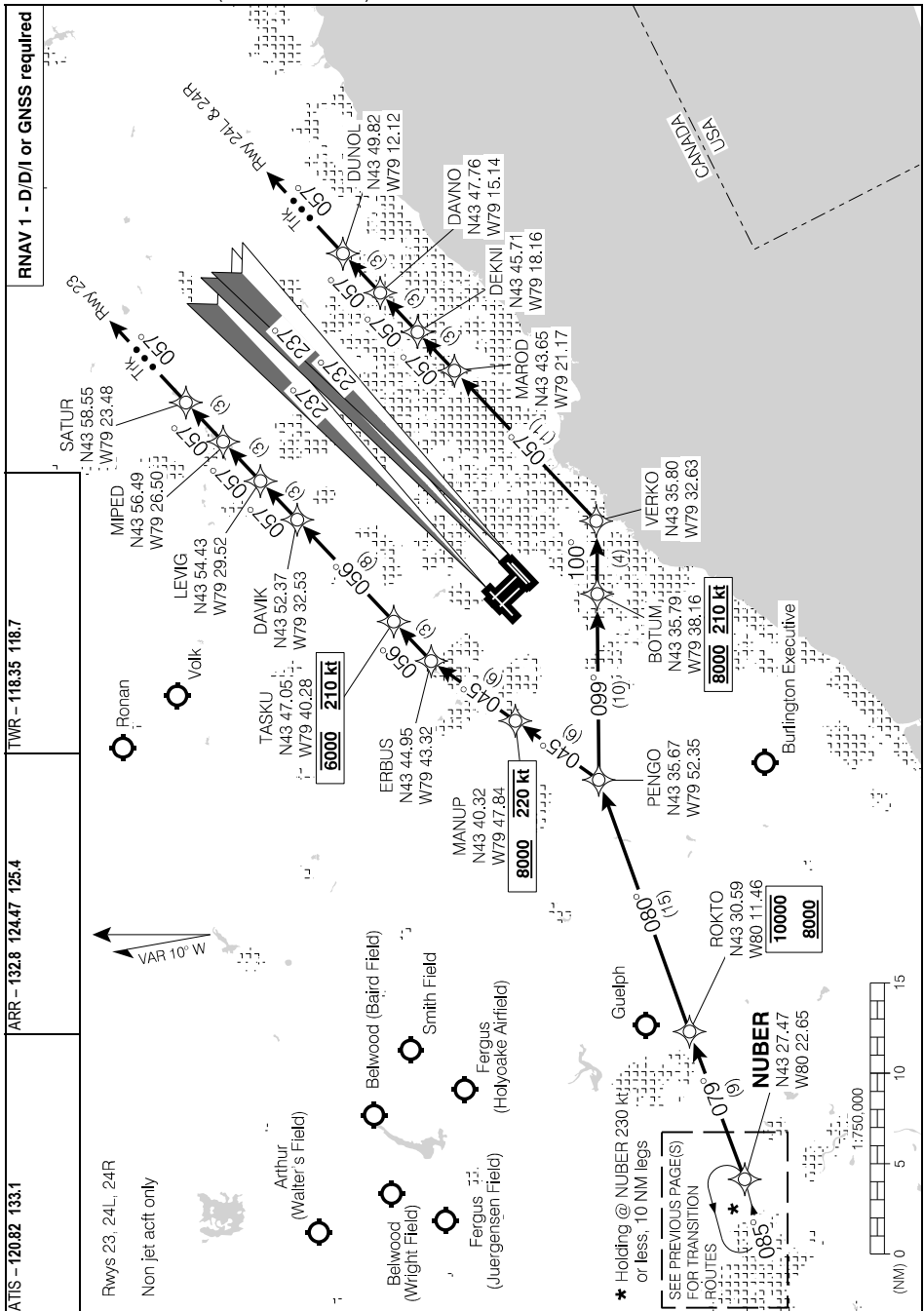
CYYZ

EFF 14 JUL 22



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NAKBO SIX ARR (NUBER.NAKBO6) ARRIVAL ROUTES



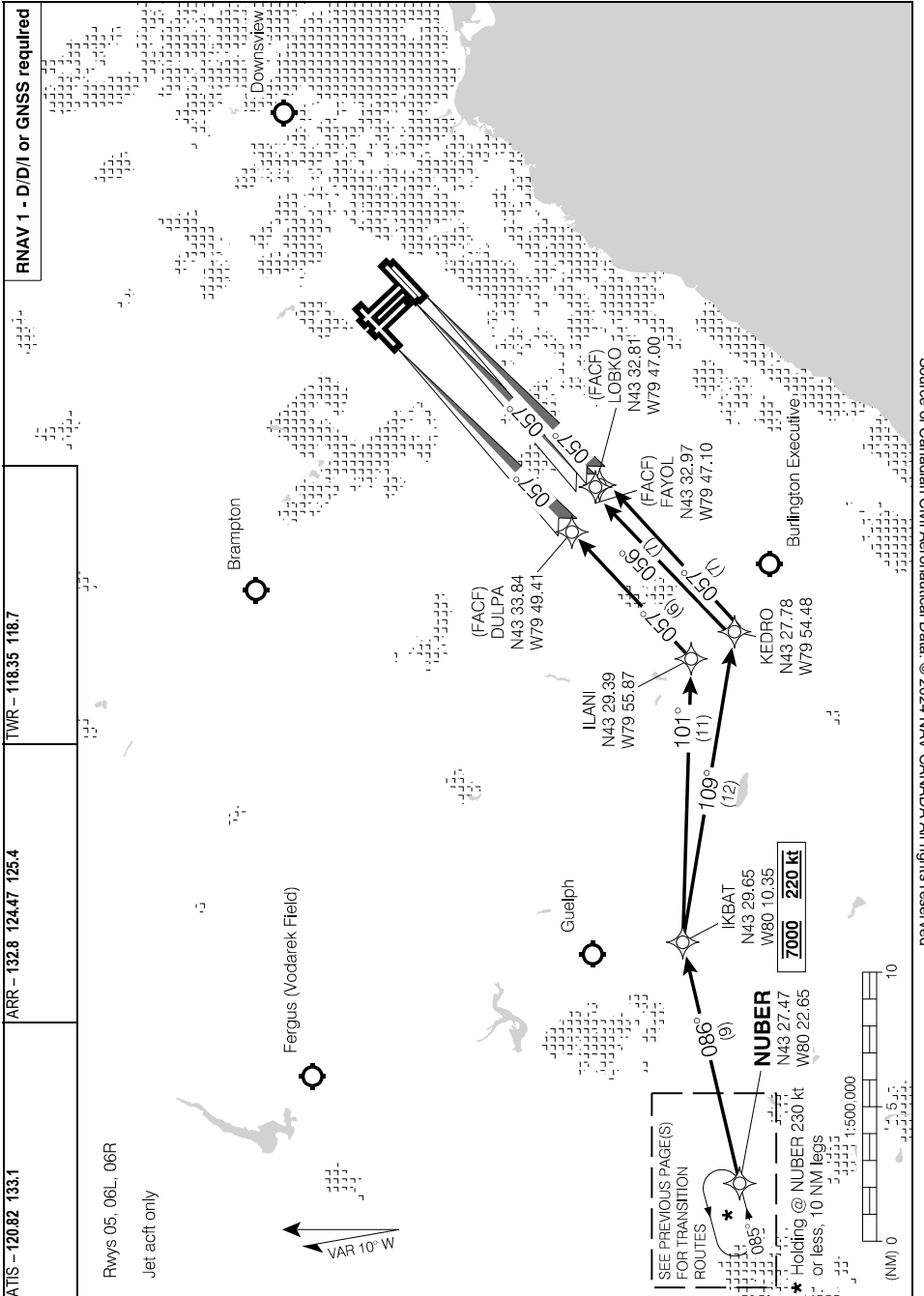
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NAKBO SIX ARR (NUBER.NAKBO6) ARRIVAL ROUTES

EFF 5 OCT 23

NUBER SIX ARR (NUBER.NUBER6) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

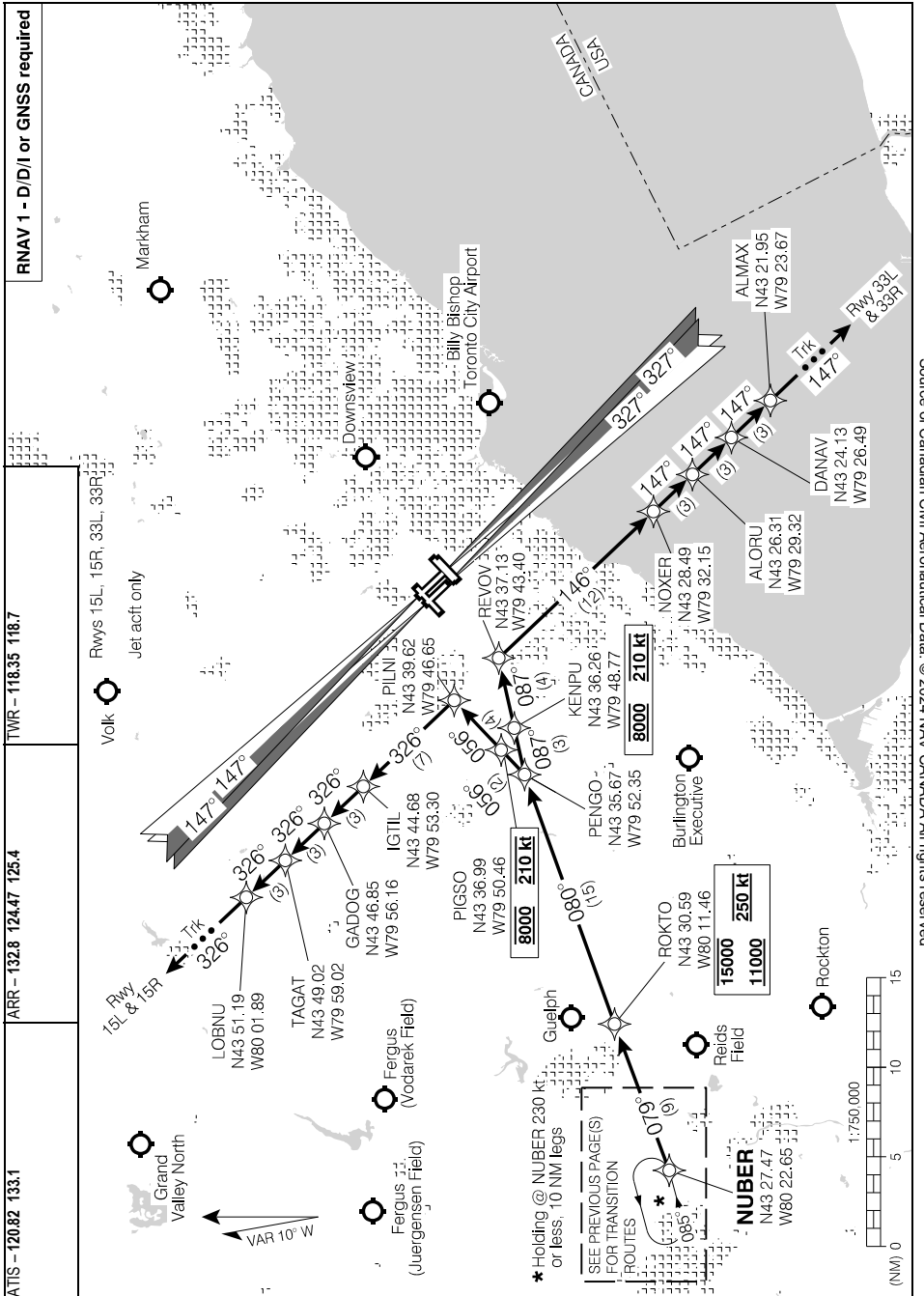
NUBER SIX ARR (NUBER.NUBER6) ARRIVAL ROUTES

CYYZ

EFF 5 OCT 23

NUBER SIX ARR (NUBER.NUBER6) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

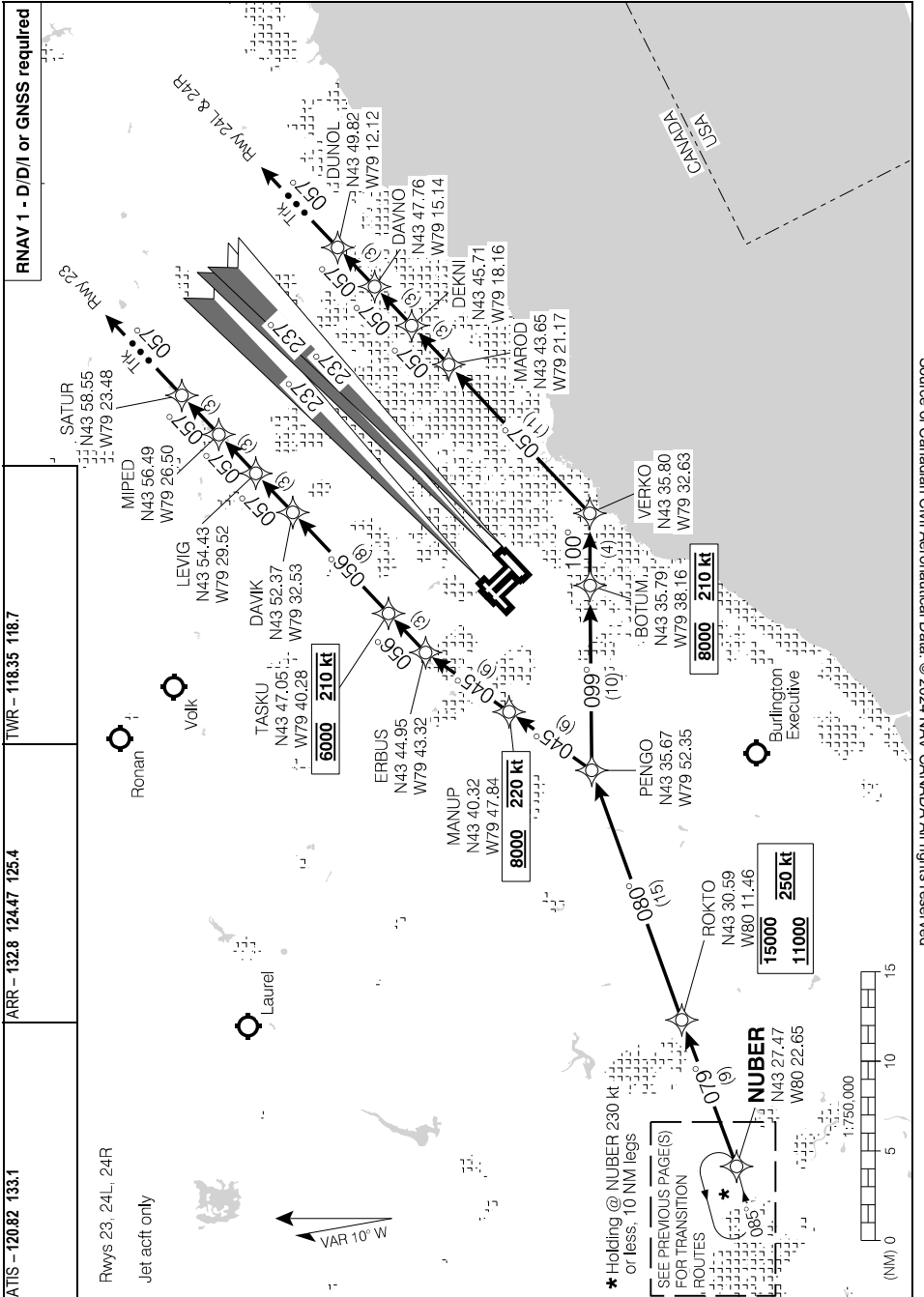
NUBER SIX ARR (NUBER.NUBER6) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

NUBER SIX ARR (NUBER.NUBER6) ARRIVAL ROUTES

CYYZ



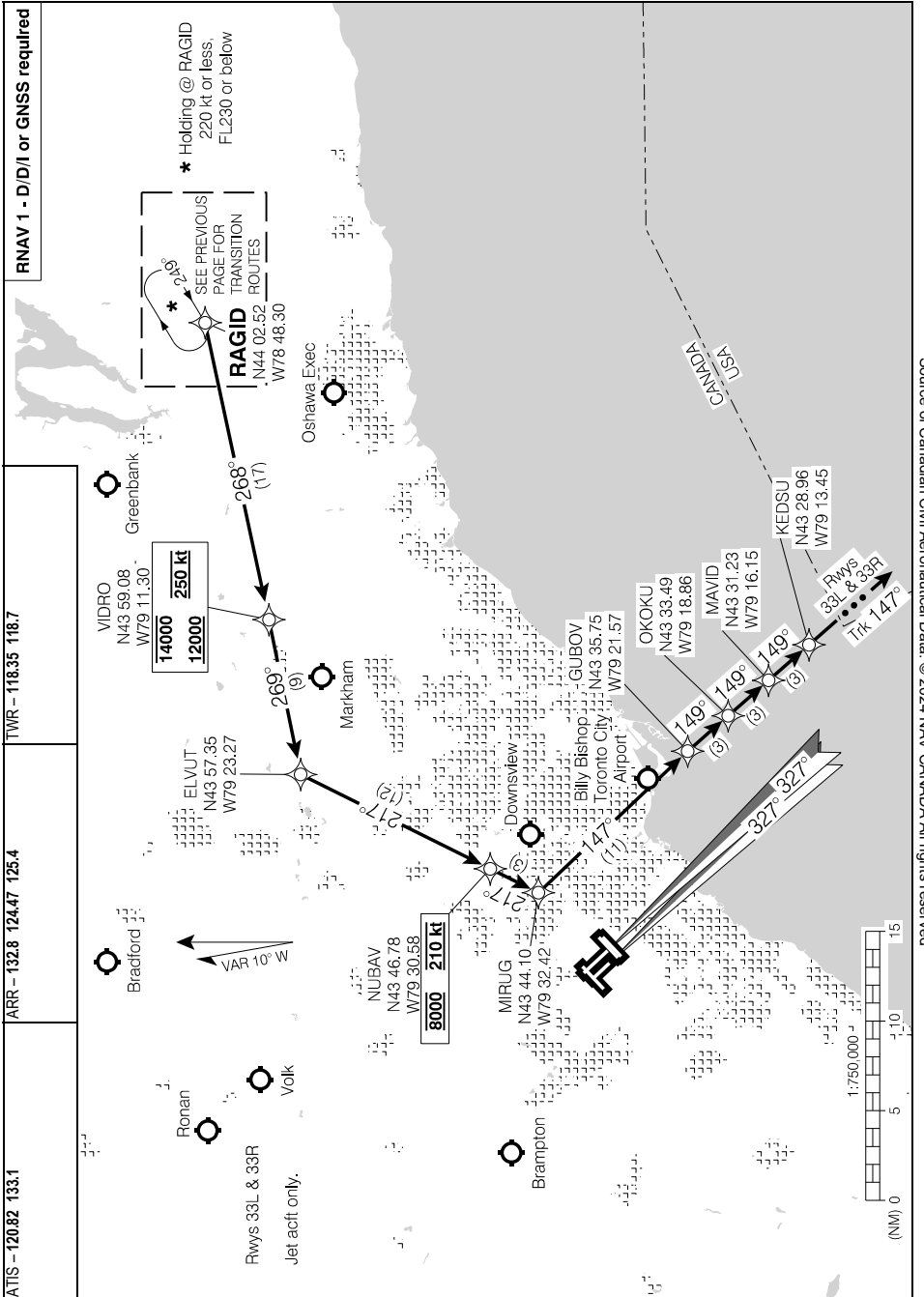
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NUBER SIX ARR (NUBER.NUBER6) ARRIVAL ROUTES

CYYZ

RAGID FIVE ARR (RAGID.RAGID5) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

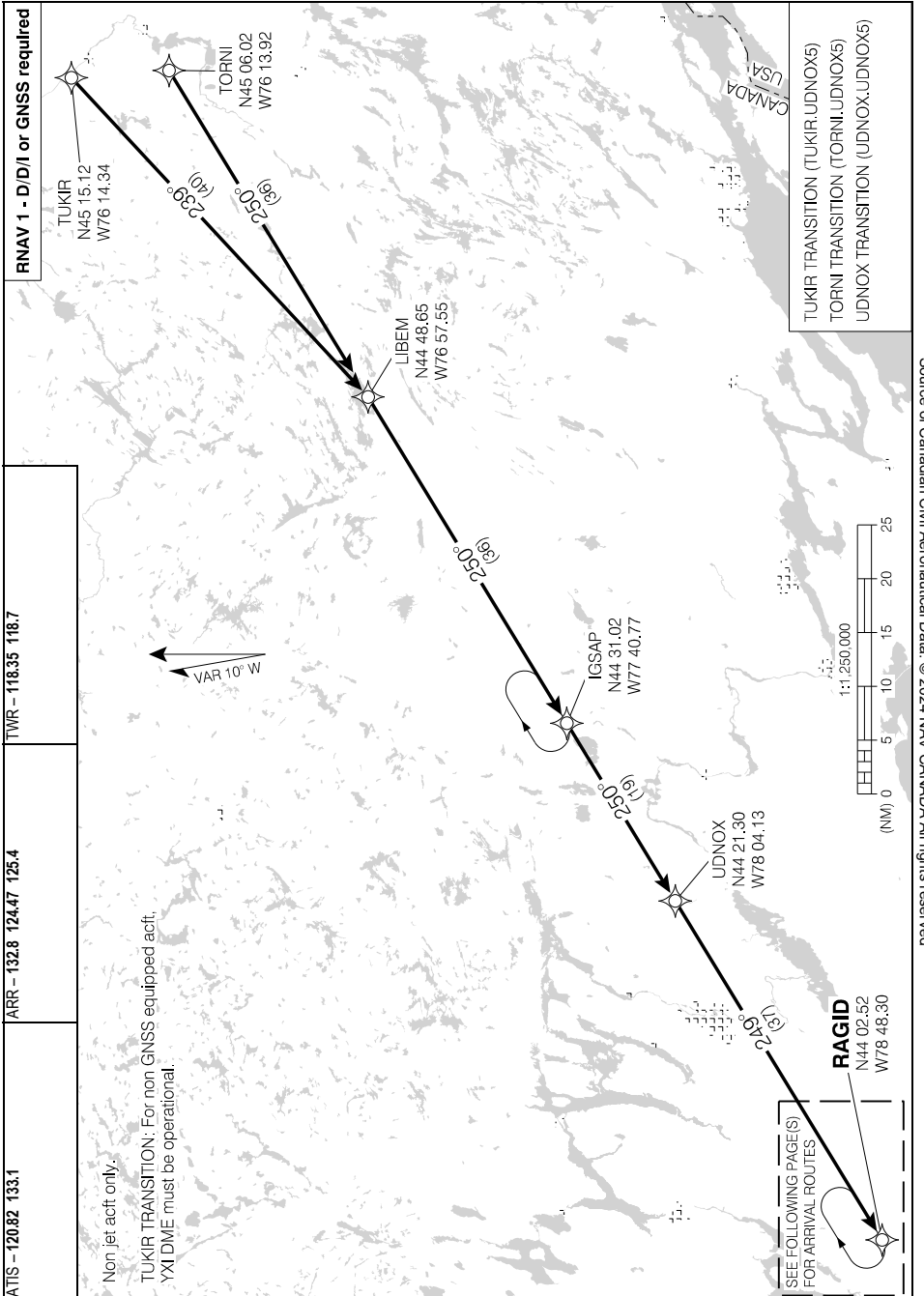
RAGID FIVE ARR (RAGID.RAGID5) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

UDNOX FIVE ARR (RAGID.UDNOX5) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

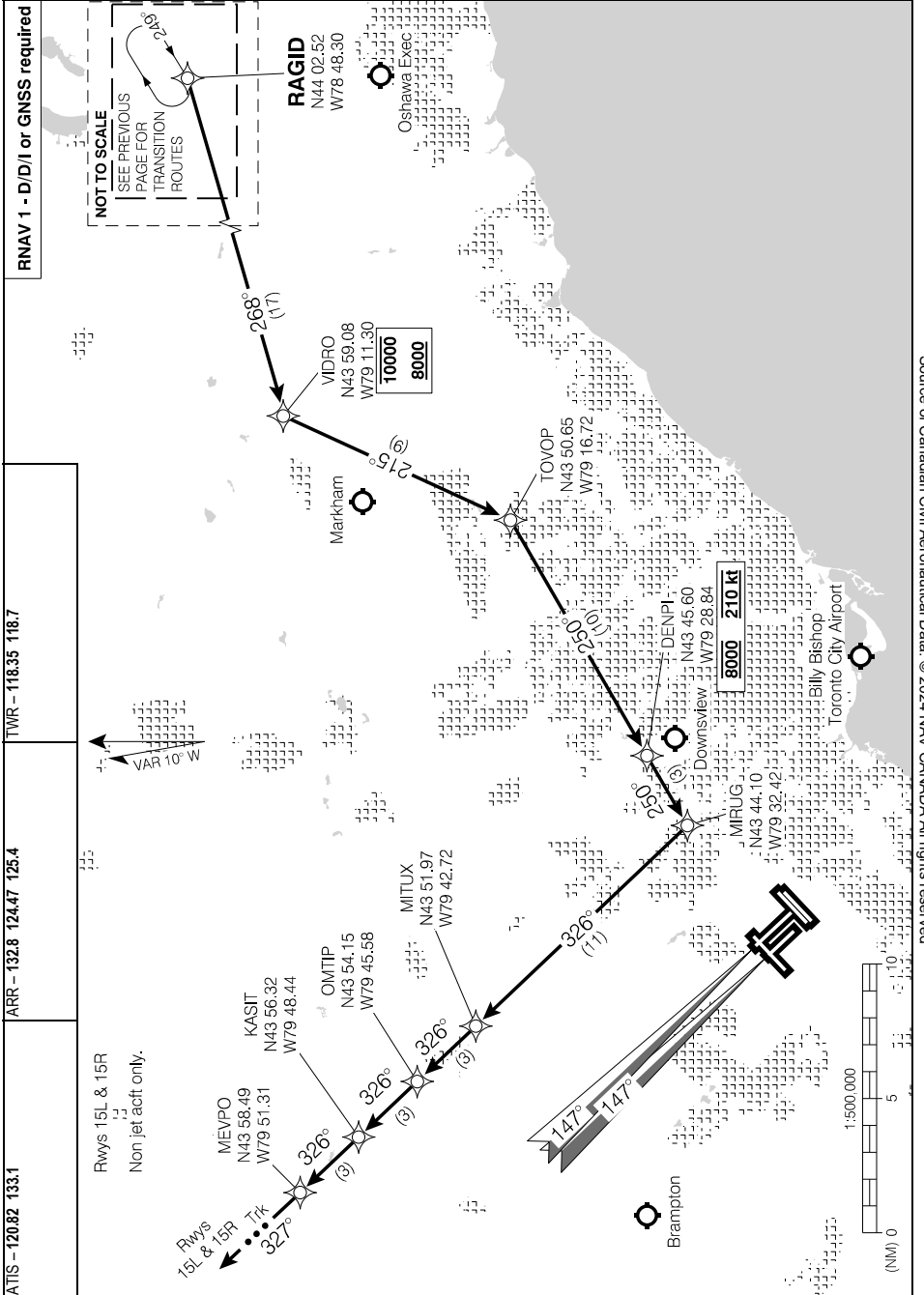
UDNOX FIVE ARR (RAGID.UDNOX5) TRANSITION ROUTES

CYYZ

EFF 20 JUN 19

UDNOX FIVE ARR (RAGID.UDNOX5) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

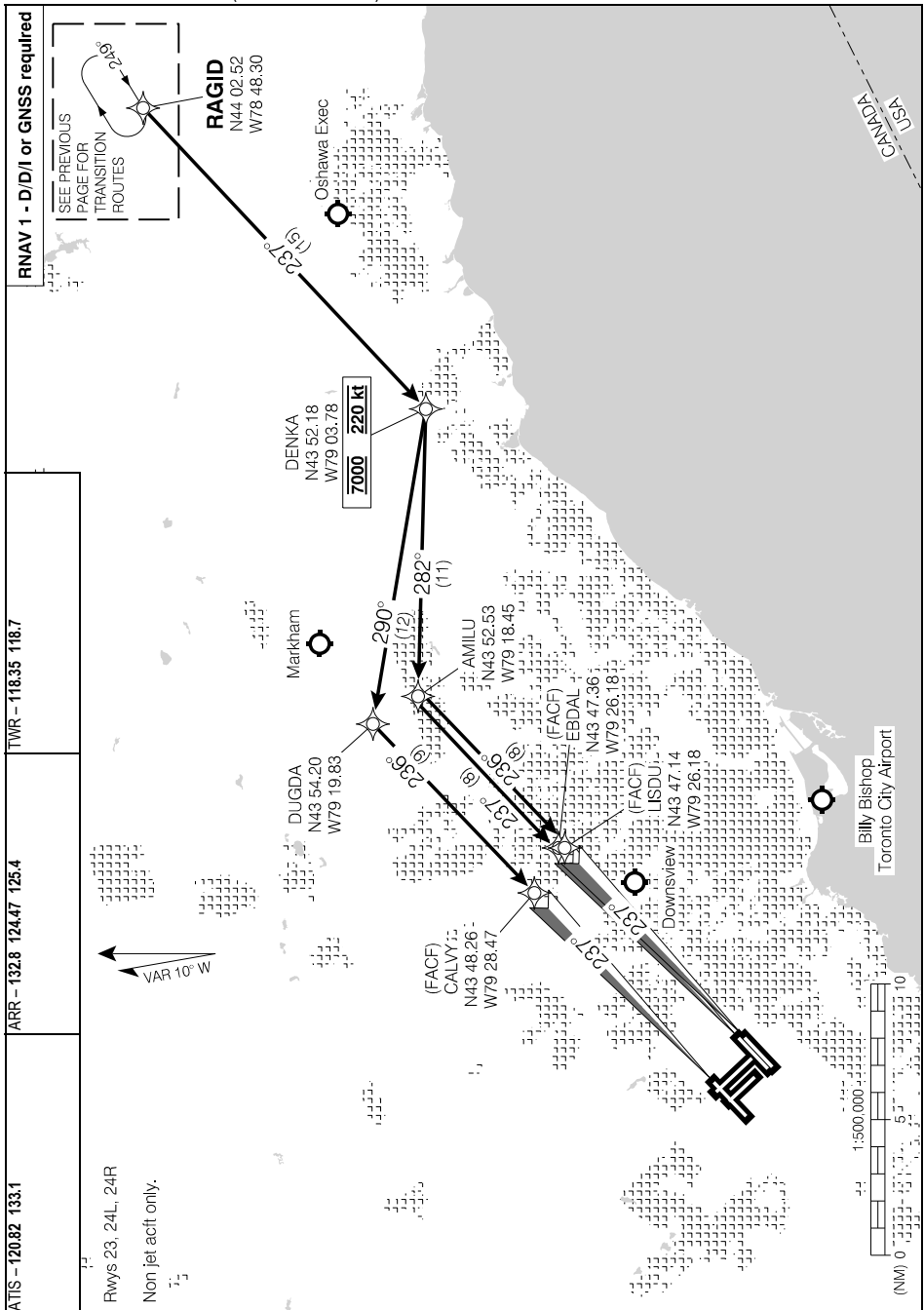
UDNOX FIVE ARR (RAGID.UDNOX5) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

UDNOX FIVE ARR (RAGID.UDNOX5) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

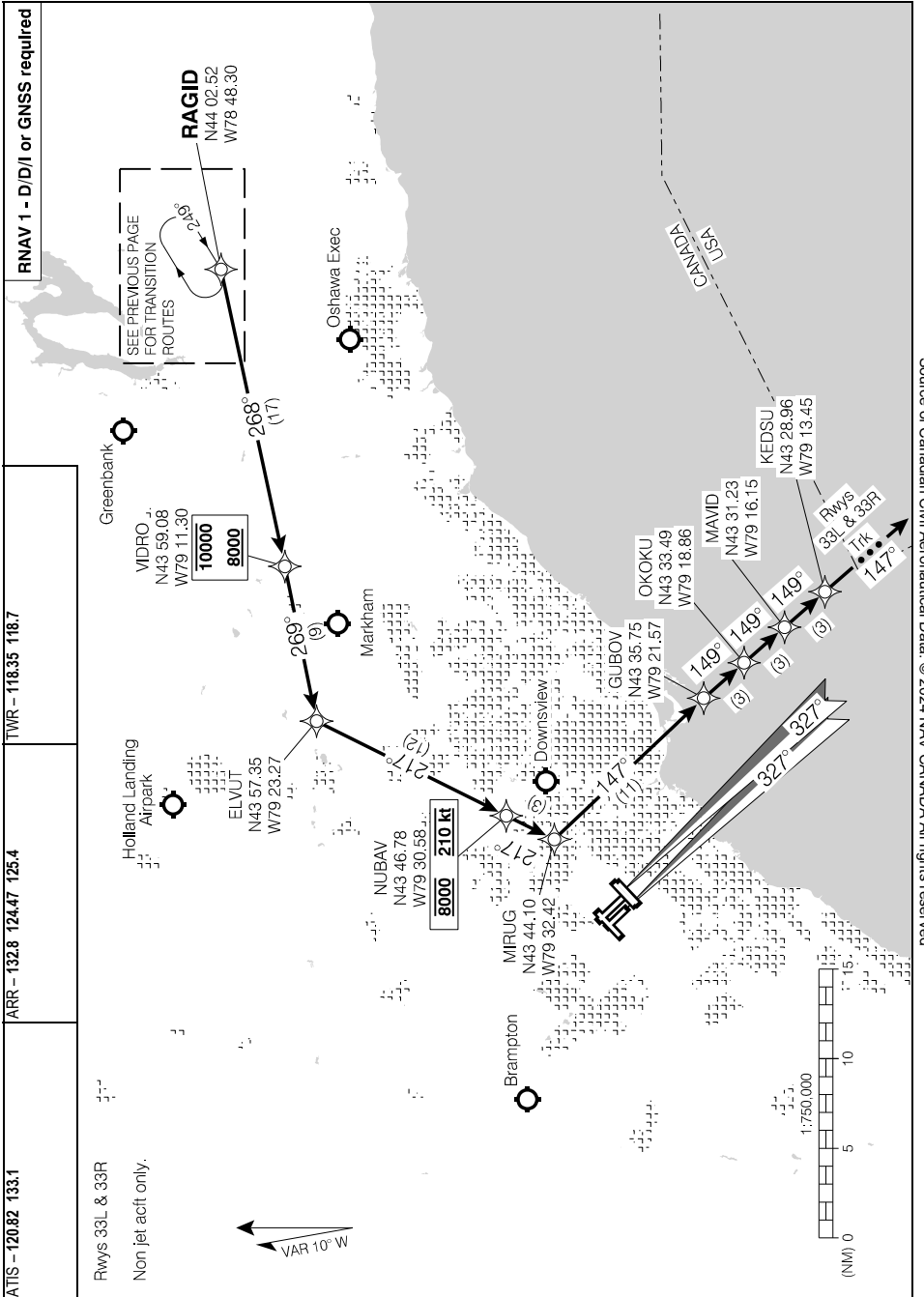
UDNOX FIVE ARR (RAGID.UDNOX5) ARRIVAL ROUTES

CYYZ

EFF 14 JUL 22

UDNOX FIVE ARR (RAGID.UDNOX5) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

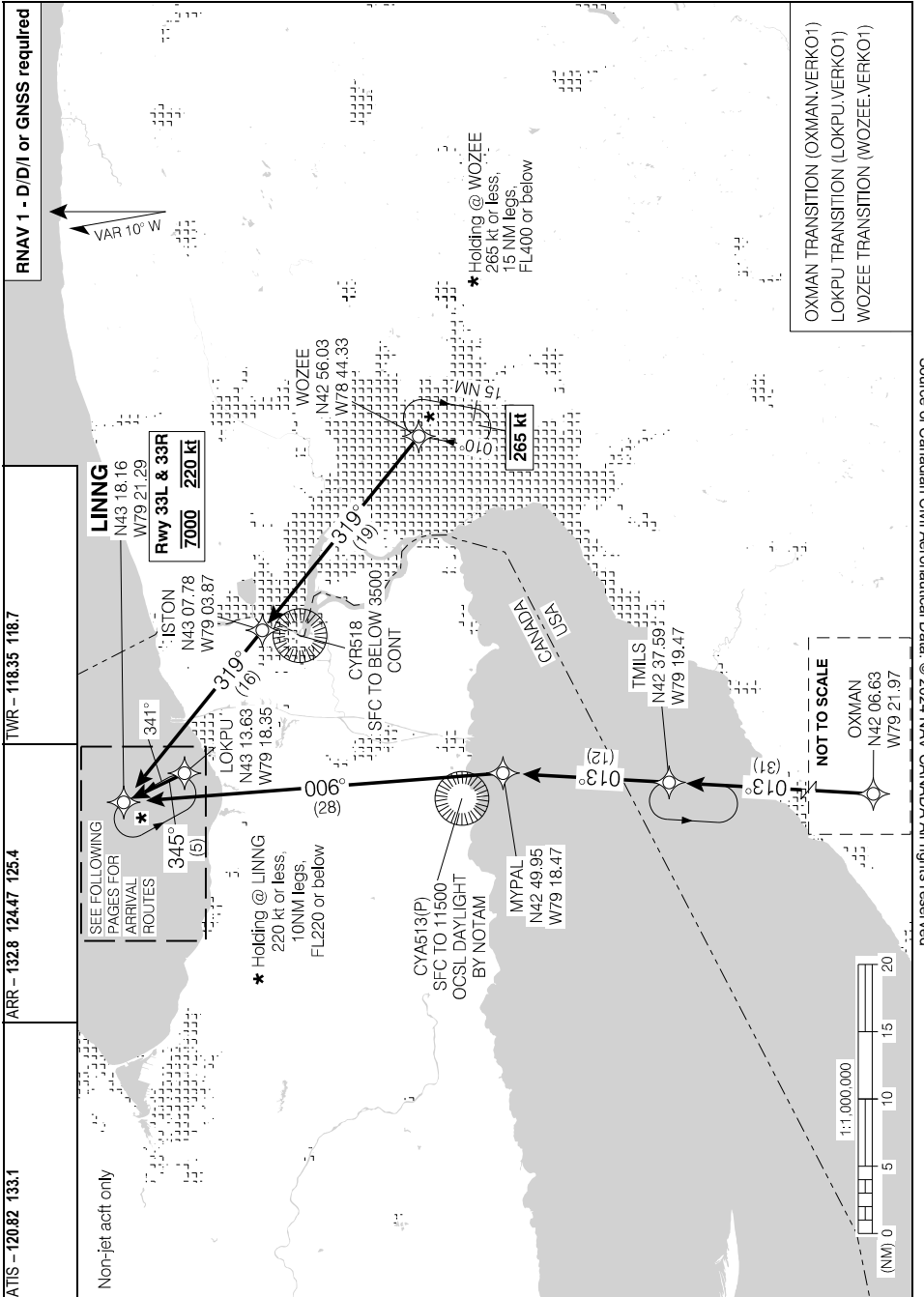
UDNOX FIVE ARR (RAGID.UDNOX5) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

VERKO ONE ARR (LINNG.VERKO1) TRANSITION ROUTES

CYYZ

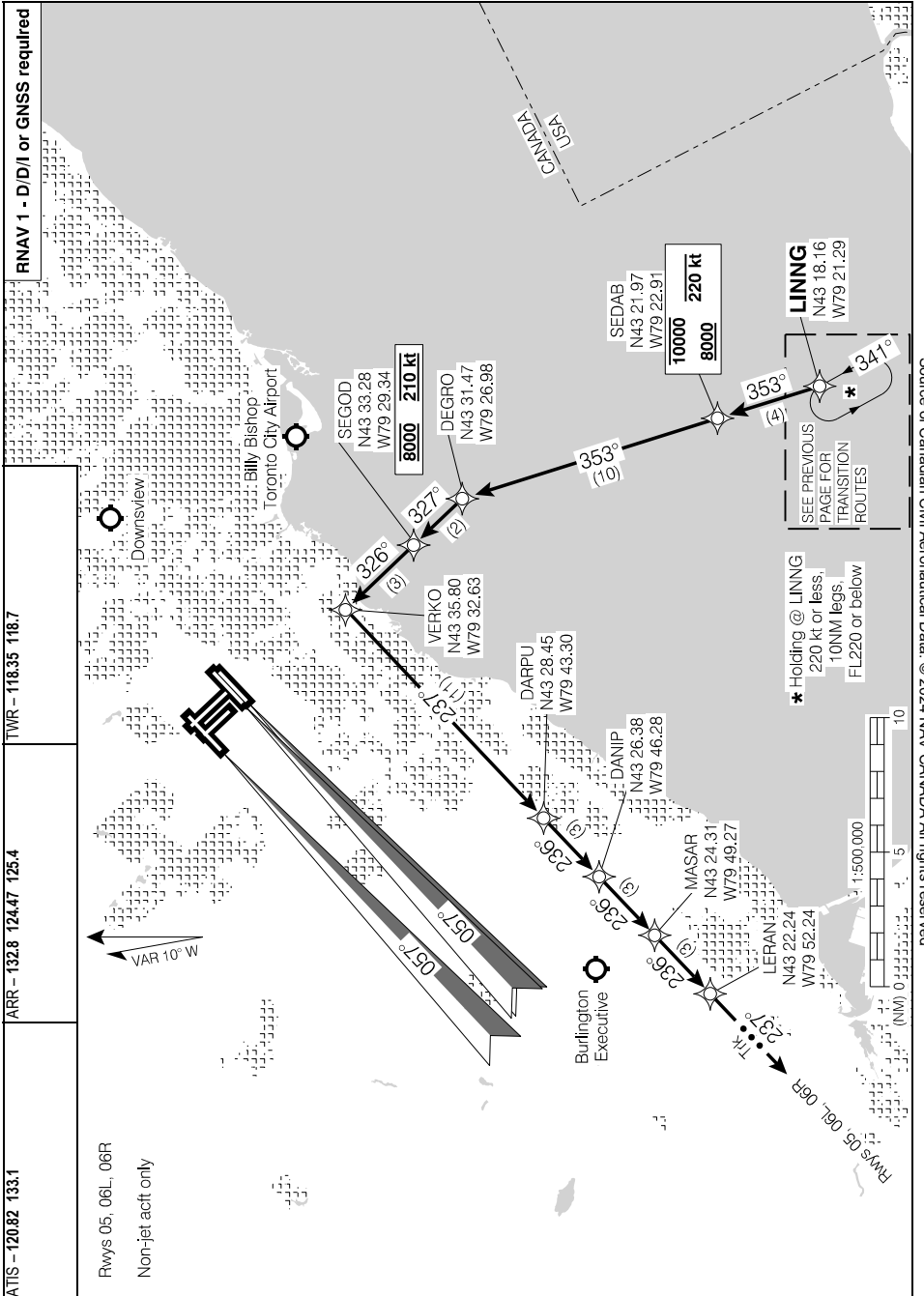


VERKO ONE ARR (LINNG.VERKO1) TRANSITION ROUTES

CYYZ

VERKO ONE ARR (LINNG.VERK01) ARRIVAL ROUTES

CYYZ

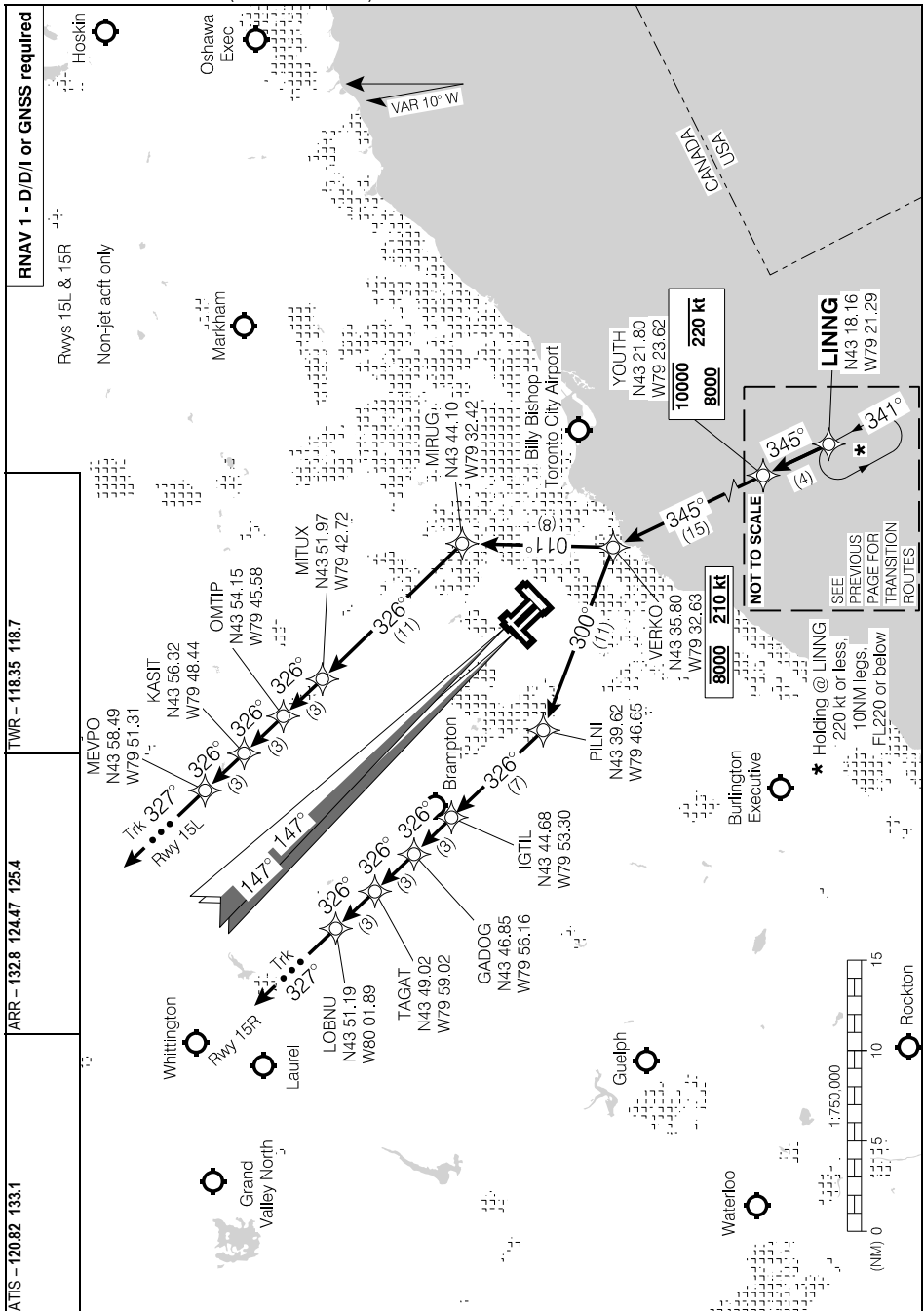


VERKO ONE ARR (LINNG.VERK01) ARRIVAL ROUTES

CYYZ

VERKO ONE ARR (LINNG.VERK01) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

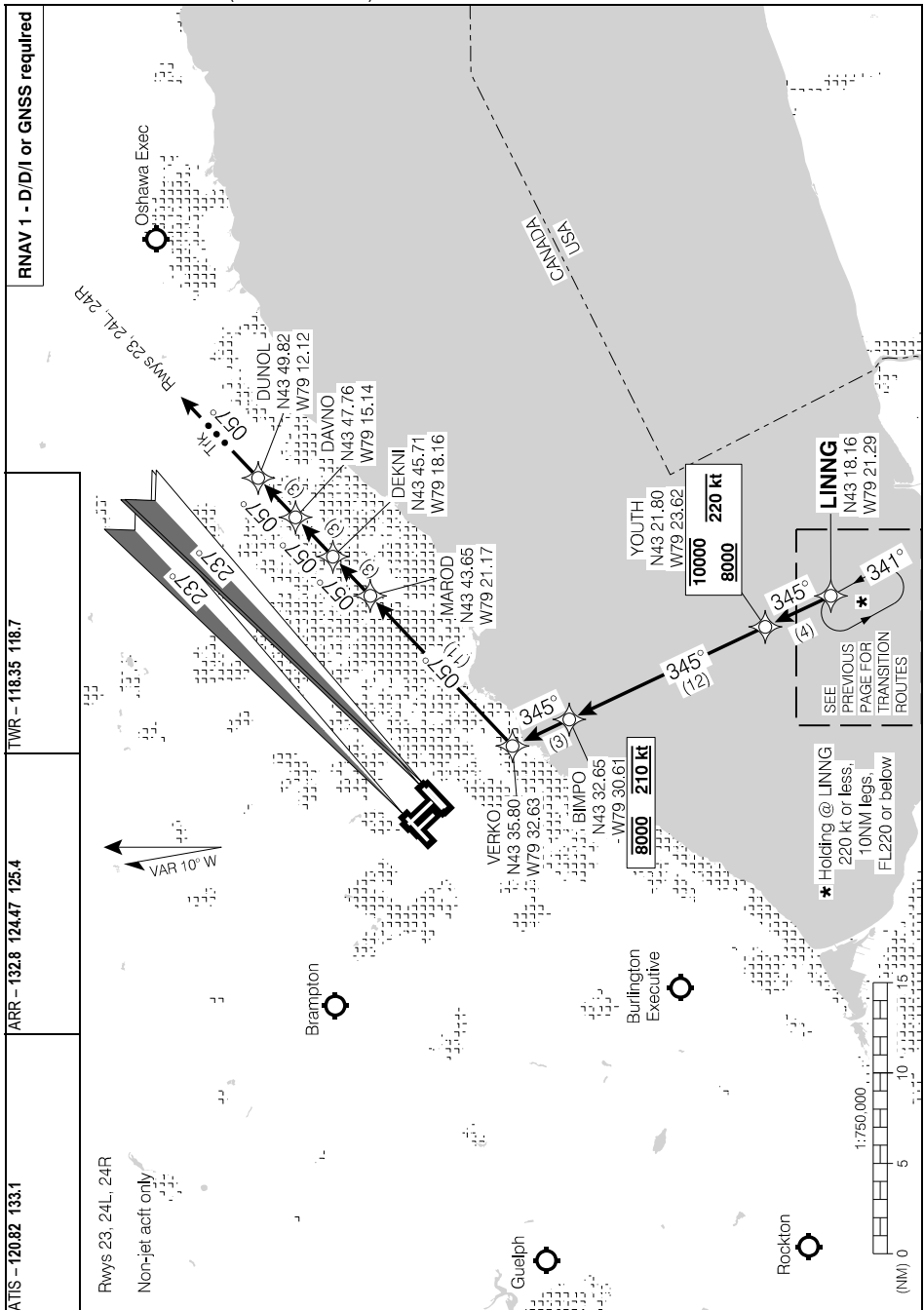
VERKO ONE ARR (LINNG.VERK01) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

VERKO ONE ARR (LINNG.VERK01) ARRIVAL ROUTES

CYYZ



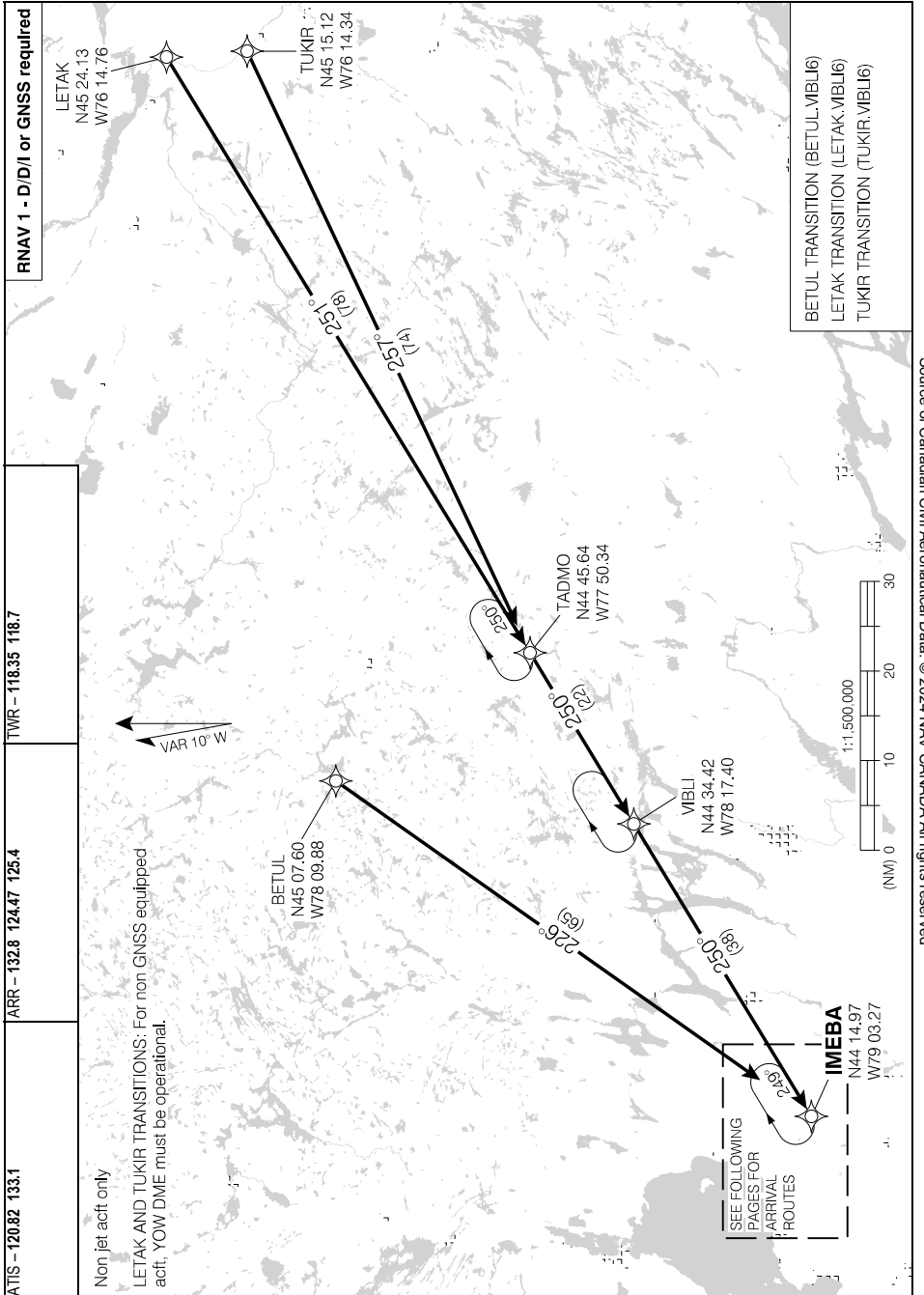
VERKO ONE ARR (LINNG.VERK01) ARRIVAL ROUTES

CYYZ

EFF 14 JUL 22

VIBLI SIX ARR (IMEBA.VIBLI6) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

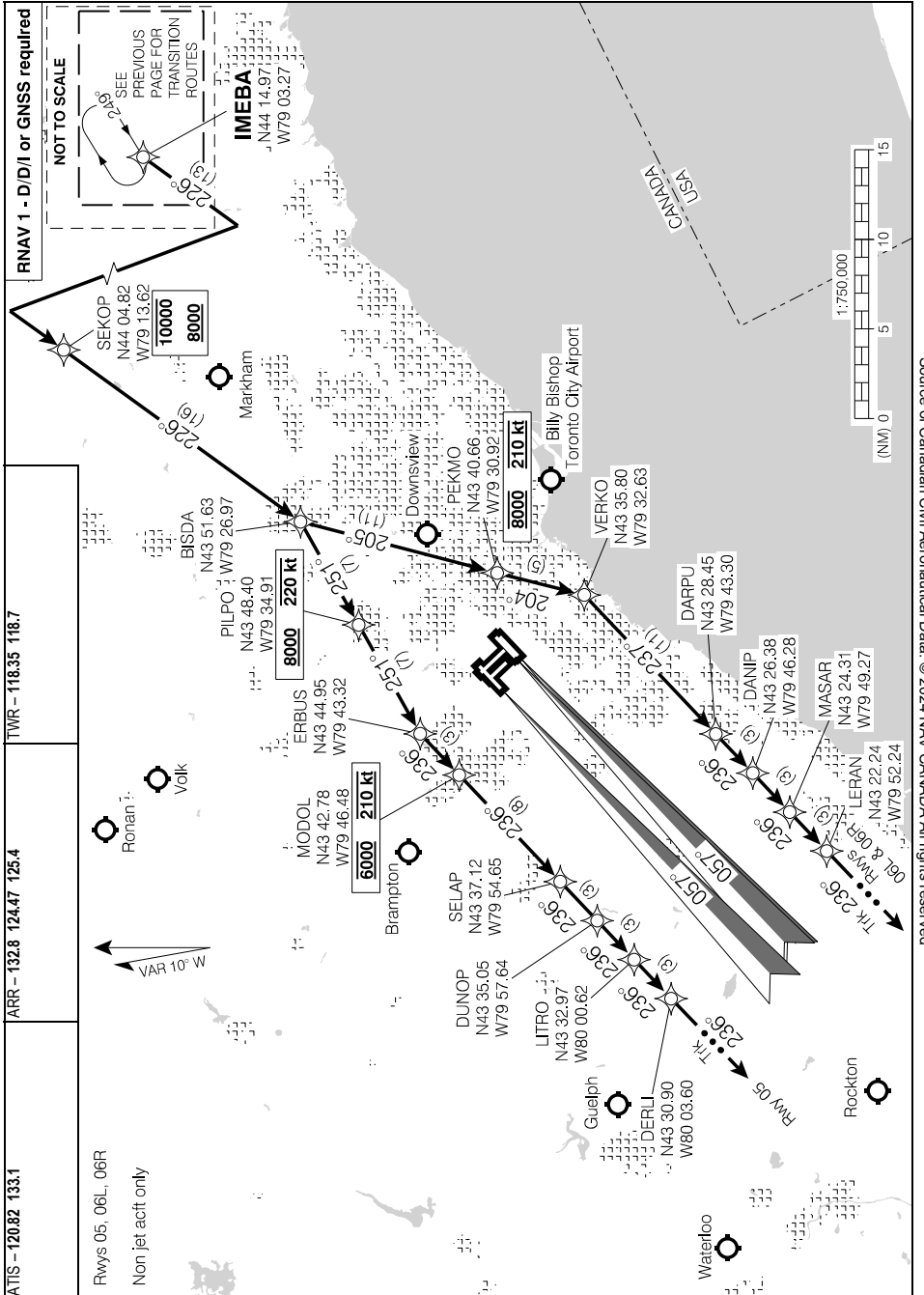
VIBLI SIX ARR (IMEBA.VIBLI6) TRANSITION ROUTES

CYYZ

EFF 3 NOV 22

VIBI SIX ARR (IMEBA.VIBLI6) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

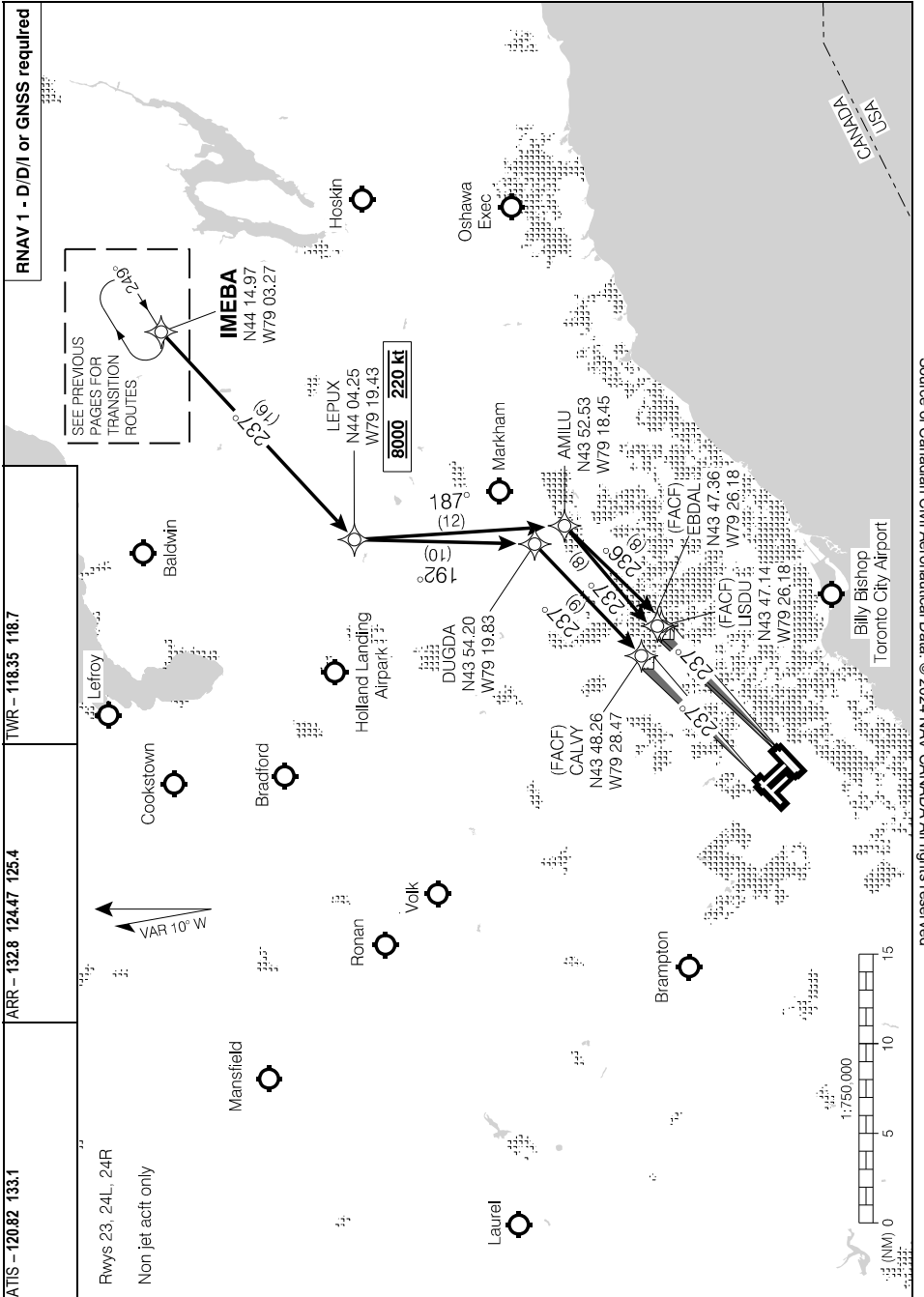
VIBI SIX ARR (IMEBA.VIBLI6) ARRIVAL ROUTES

CYYZ

EFF 30 NOV 23

VIBI SIX ARR (IMEBA.VIBLI6) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

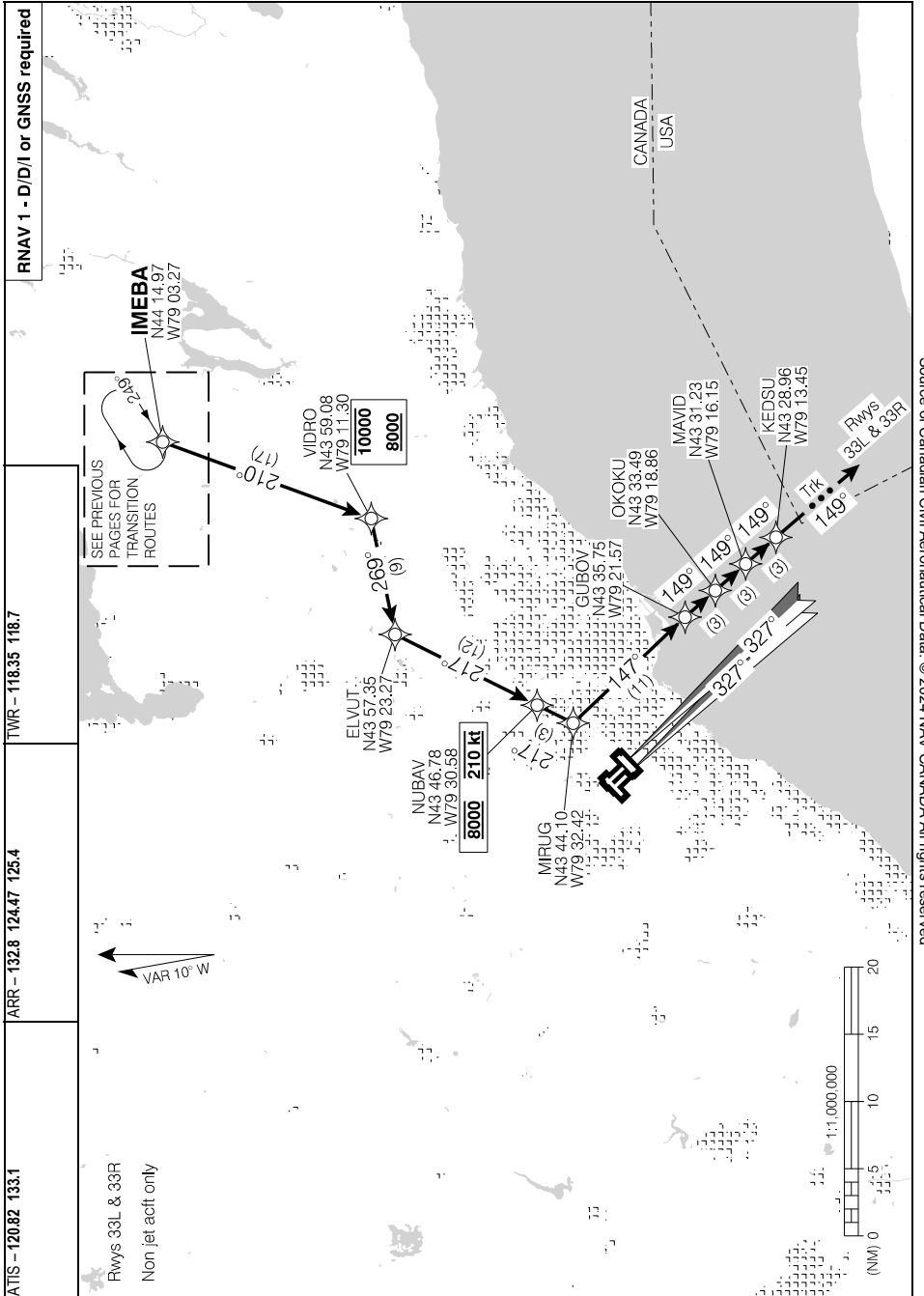
VIBI SIX ARR (IMEBA.VIBLI6) ARRIVAL ROUTES

CYYZ

EFF 3 NOV 22

VIBLI SIX ARR (IMEBA.VIBLI6) ARRIVAL ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

VIBLI SIX ARR (IMEBA.VIBLI6) ARRIVAL ROUTES

CYYZ

EFF 3 NOV 22

Established on RNP AR (EoR) User Instructions

ATTENTION ALL USERS OF EoR

EoR is a procedure applied by Toronto Terminal air traffic controllers to aircraft conducting RNP-AR approaches (RNAV Y). EoR safely permits reduced vertical and lateral separation between aircraft, during ATC-monitored simultaneous independent parallel approaches.

Operational Requirements

- EoR will be used during simultaneous parallel runway operations, and ATIS shall indicate when simultaneous parallel runway operations are in effect.
- RNP-AR (RNAV Y) approaches are **ONLY** available to Runway 05 via the BOXUM/DUVOS/IMEBA/VIBLI STARs.
- RNP-AR (RNAV Y) approaches to Runway 23 are **ONLY** available via BOXUM/DUVOS/NUBER/NAKBO STARs.
- When an EoR operation is in use, RNAV Y will be the only advertised approach to RWY 05/23. RNP-AR capable aircraft that are assigned RWY 05/23 are expected to plan and fly the RNAV Y approach.
- Non RNP-AR aircraft assigned RWY 05/23 should anticipate radar vectors to an ILS approach.
- Aircraft that are RNP-AR capable but cannot fly the RNAV Y RNP-AR approach must inform ATC and can expect an ILS or visual approach.
- RNP-AR capable aircraft that are unable to be cleared using the RF transition will be advised by ATC to expect vectors to final. Aircraft should plan radar vectors to the RNAV Y straight-in transition.
- When cleared for an RNAV Y RNP-AR approach, the aircraft is considered “established” on the approach procedure once it is on the defined lateral and vertical path and past the IWP(IF) for the procedure.
- The approach shall be flown using autopilot until the aircraft passes the final approach waypoint (FAF).
- If unable to comply with an ATC clearance or conduct the cleared approach, for any reason, immediately advise the controller. **DO NOT** attempt to self-navigate or manually correct an RNP-AR approach procedure deviation. Immediately advise the controller using the phraseology example below then comply with subsequent ATC instructions:

Pilot: “UNABLE [IWP Transition] transition, REQUEST (proposed course of action)”

Example: **Pilot:** “NAVCAN123 UNABLE MODOL TRANSITION, REQUEST VECTORS TO FINAL”

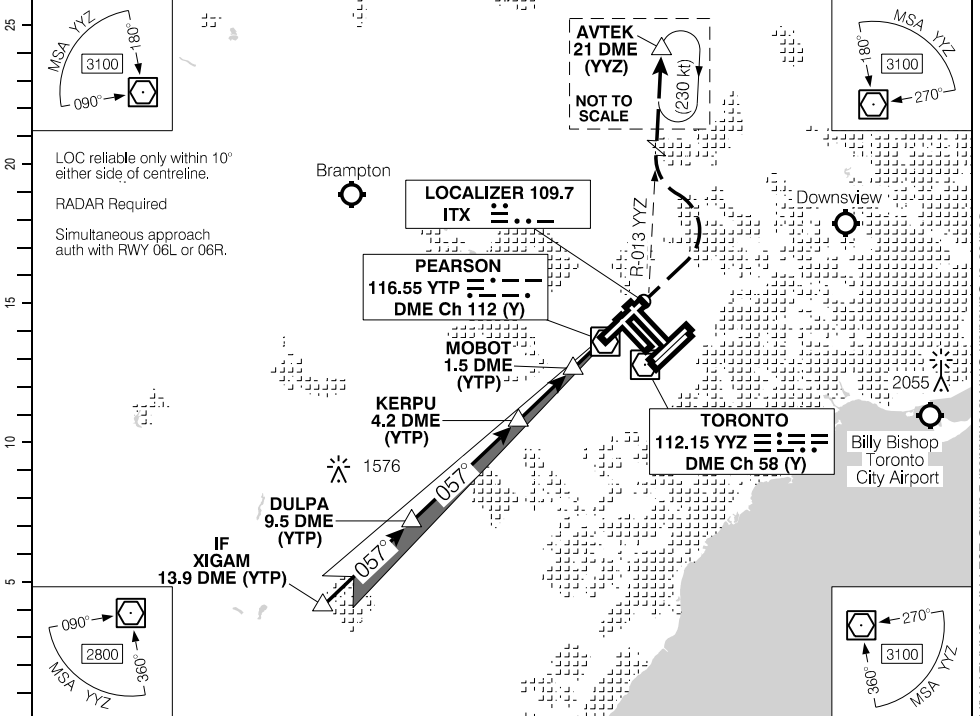
Break-out Instructions

When issued break-out instructions, reaction time may be critical. If expeditious compliance is required, an ATC break-out instruction may include the word IMMEDIATELY.

- ATC shall issue any required break-out instruction by assigning a heading and/or altitude instruction:
Example: **ATC:** “NAVCAN123, turn left immediately heading 330 degrees, climb to 3 000”
- Established on RNP AR break-out procedures may be conducted with the autopilot on

ILS RWY 05

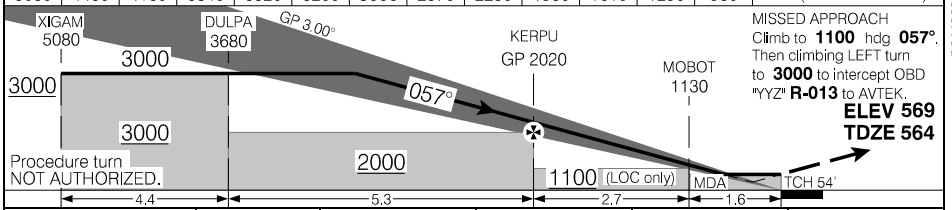
ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	LOC ITX 109.7	APCH CRS 057°	GP KERPU 2020	LDA 10640



LOC reliable only within 10° either side of centreline.
RADAR Required
Simultaneous approach auth with RWY 06L or 06R.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	13.9	12	11	10	9	8	7.4	6	5	4	3	2	1.0	DIST FROM DME (YTP)
	5080	4480	4160	3840	3520	3200	3000	2570	2250	1930	1610	1290	980	ALT (3.00° APCH PATH)



Procedure turn NOT AUTHORIZED.		4.4	5.3	2.7	1.6
	CATEGORY	A	B	C	D
	ILS/DME	764	(200)	½ RVR 26	
"KERPU" to MAP 4.3 NM					
Knots	ft/min	Min:Sec	LOC/DME	980	(416)
70	370	3:41			1 RVR 50
90	480	2:52			
110	580	2:21			
130	690	1:59			
150	800	1:43			

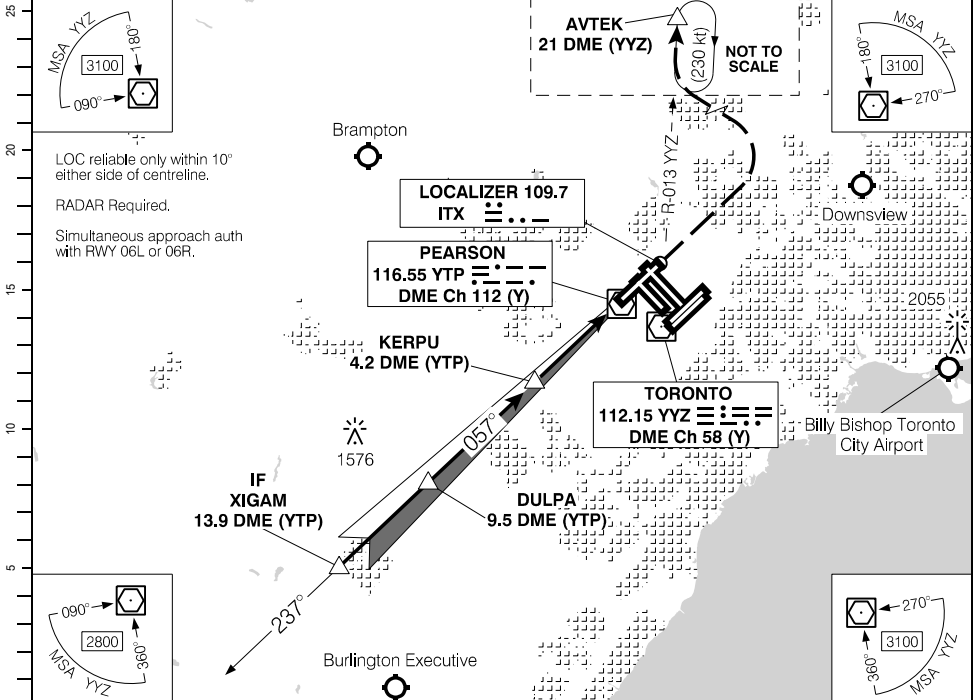
ILS RWY 05

EFF 7 OCT 21

CYYZ

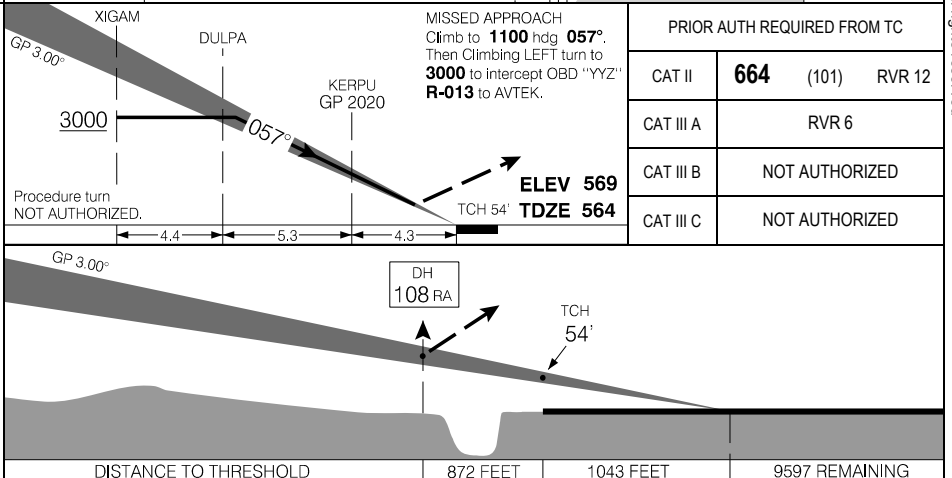
ILS CAT II or III RWY 05

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	LOC ITX 109.7	APCH CRS 057°	GP KERPU 2020	LDA 10640



LOC reliable only within 10° either side of centreline.
RADAR Required.
Simultaneous approach auth with RWY 06L or 06R.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

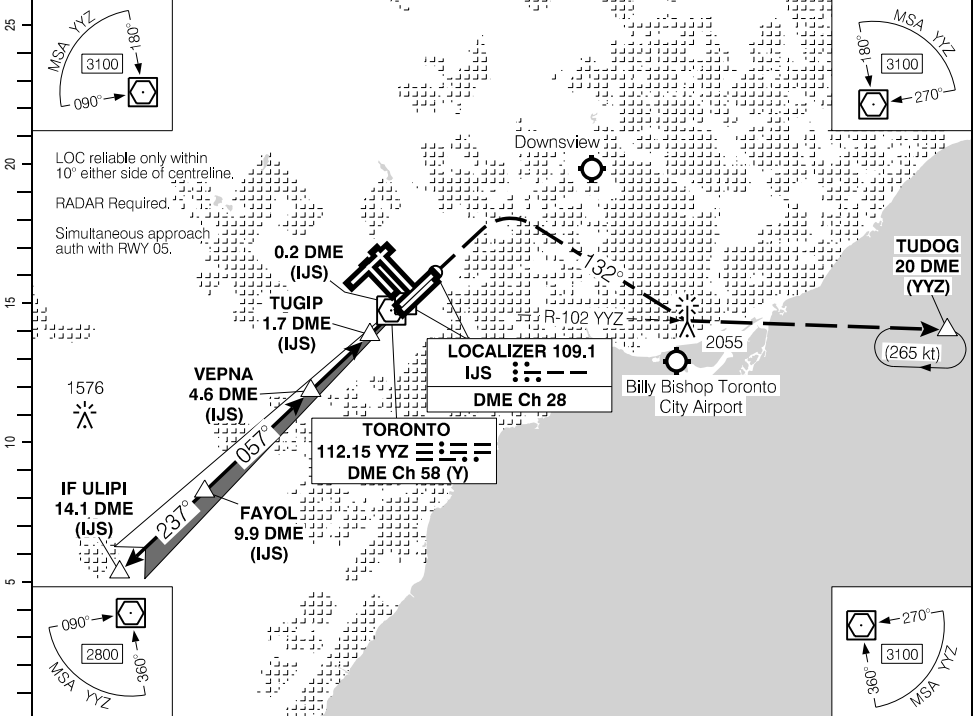


PRIOR AUTH REQUIRED FROM TC		
CAT II	664	(101) RVR 12
CAT III A		RVR 6
CAT III B		NOT AUTHORIZED
CAT III C		NOT AUTHORIZED

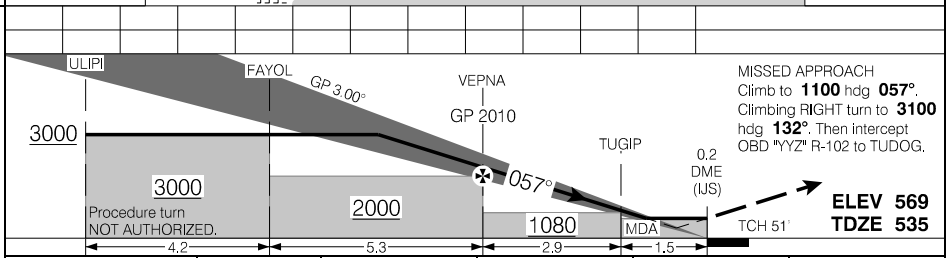
ILS CAT II or III RWY 05

ILS RWY 06L

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	LOC IJS 109.1	APCH CRS 057°	GP VEPNA 2010	LDA 9697



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



			CATEGORY	A	B	C	D
			ILS/DME	735	(200)	½ RVR 26	
Knots	ft/min	Min:Sec	LOC/DME	960	(425)	1 RVR 50	
70							
90							
110							
130							
150							

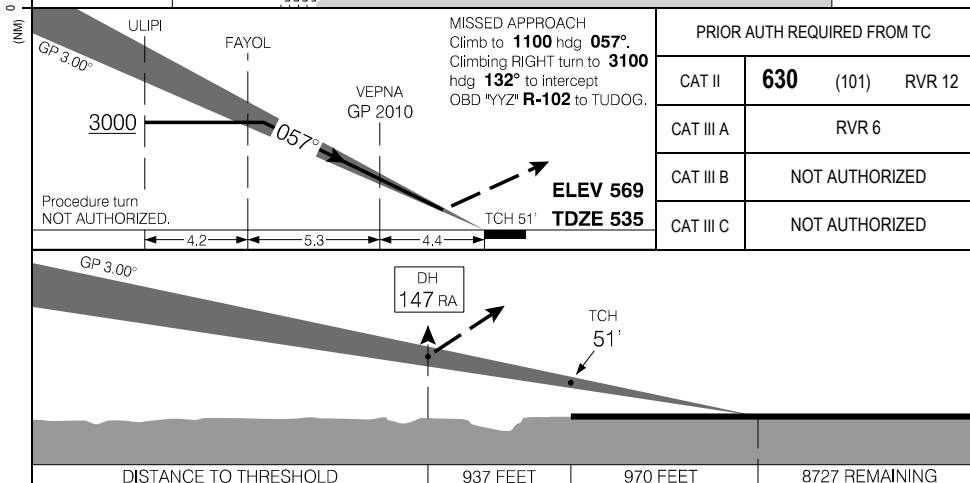
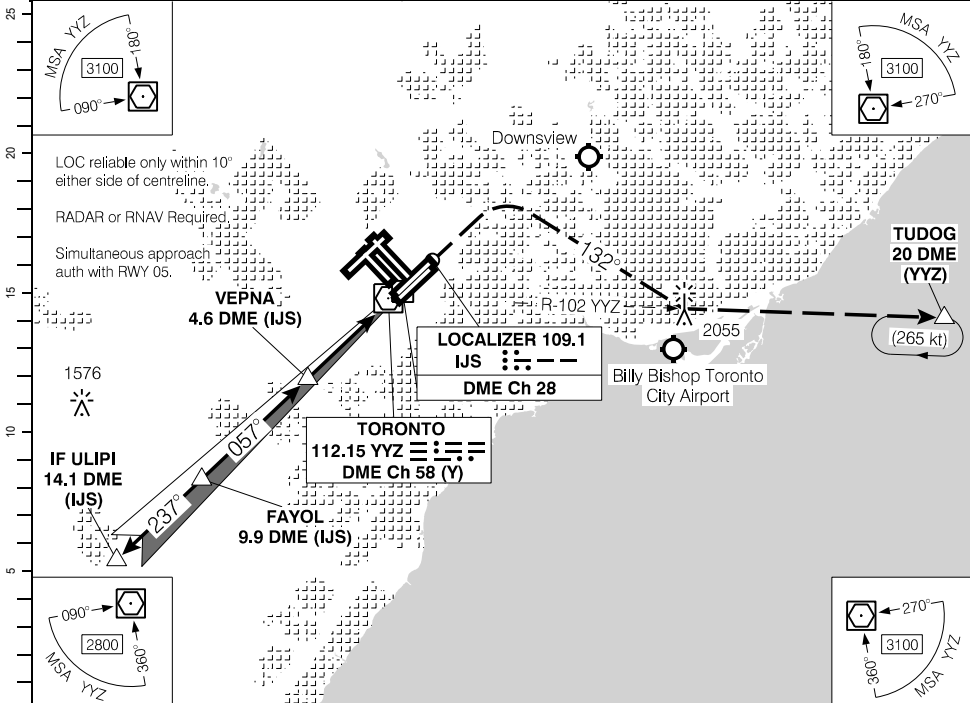
ILS RWY 06L

EFF 7 OCT 21

CYYZ

ILS CAT II or III RWY 06L

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	LOC IJS 109.1	APCH CRS 057°	GP VEPNA 2010	LDA 9697



ILS CAT II or III RWY 06L

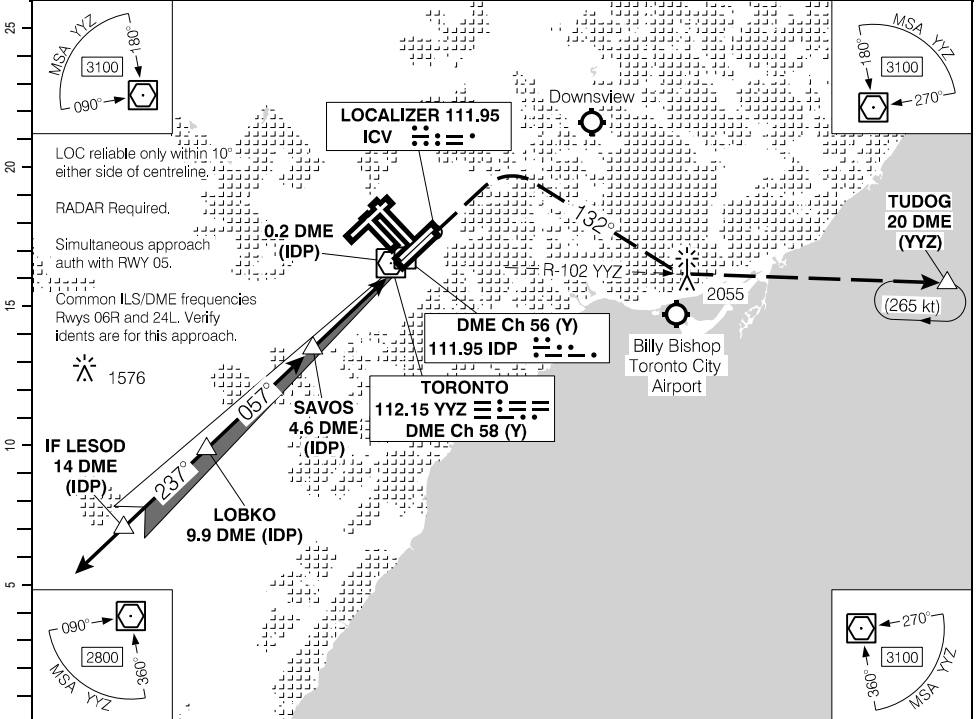
EFF 7 OCT 21

CYYZ

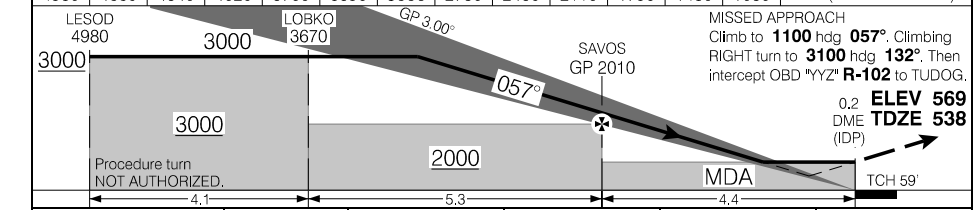
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

ILS RWY 06R

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	LOC ICV 111.95	APCH CRS 057°	GP SAVOS 2010		LDA 9000



(NM)	14	13	12	11	10	9	7.8	7	6	5	4	3	1.8	DIST FROM DME (IDP)
	4980	4660	4340	4020	3700	3390	3000	2750	2430	2110	1790	1480	1080	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			ILS/DME	738	(200)	½ RVR 26	
Knots	ft/min	Min:Sec	LOC/DME	1080	(542)	¼	
70	370						
90	480						
110	580						
130	690						
150	800						

ILS RWY 06R

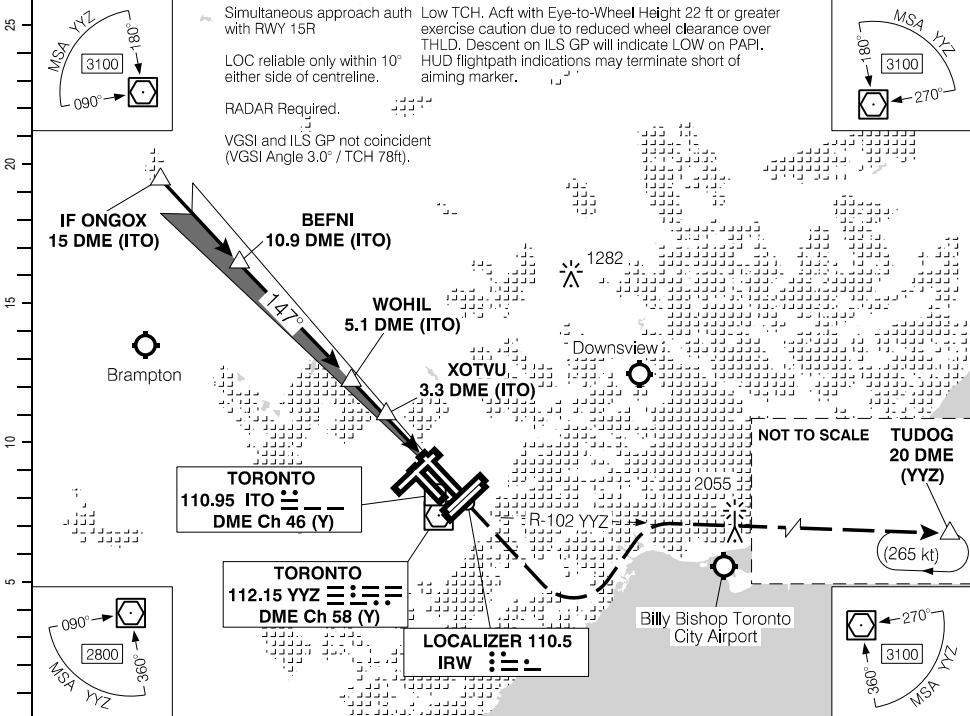
EFF 7 OCT 21

CYYZ

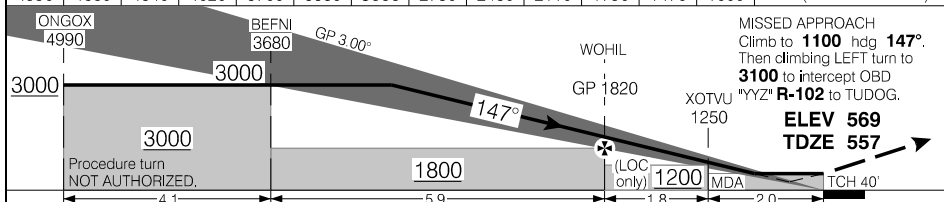
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

ILS RWY 15L

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	LOC IRW 110.5	APCH CRS 147°	GP WOHL 1820		LDA 10886



(NM)	15	14	13	12	11	10	8.8	8	7	6	5	4	2.5	DIST FROM DME (ITO)
	4990	4660	4340	4020	3700	3380	3000	2750	2430	2110	1790	1470	1000	ALT (3.00° APCH PATH)



	CATEGORY	A	B	C	D
WOHL to MAP 3.8 NM	ILS/DME	757	(200)	½ RVR 26	
Knots	LOC/DME	1000	(443)	1 RVR 50	
70					
90					
110					
130					
150					

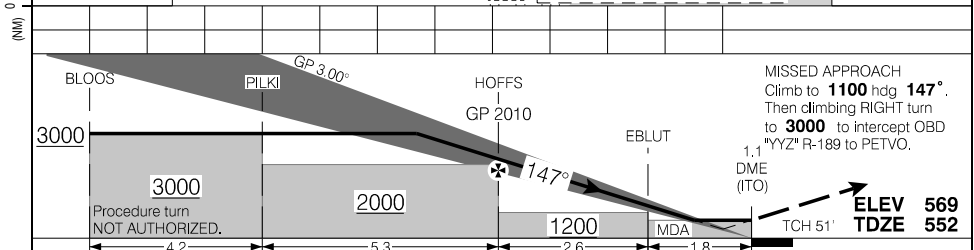
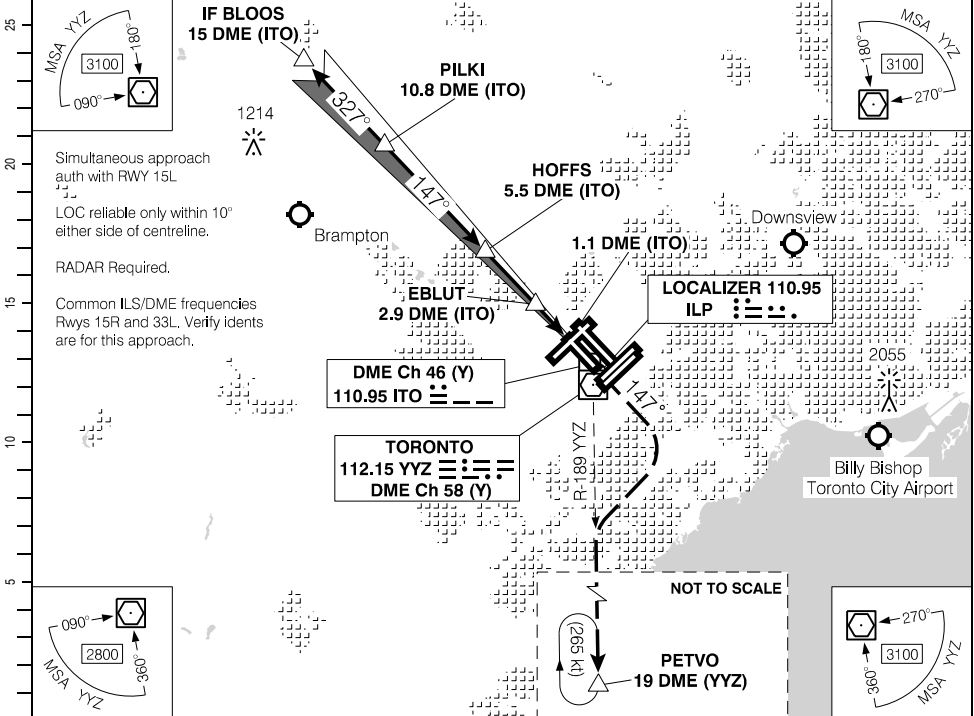
ILS RWY 15L

EFF 30 NOV 23

CYYZ

ILS RWY 15R

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	AN (P3)
SAFE ALT 100 NM 4900	LOC ILP 110.95	APCH CRS 147°	GP HOFFS 2010		LDA 8500



			CATEGORY	A	B	C	D
			ILS/DME	752	(200)	½ RVR 26	
Knots	ft/min	Min:Sec	LOC/DME	980	(428)	1 RVR 50	
70							
90							
110							
130							
150							

ILS RWY 15R

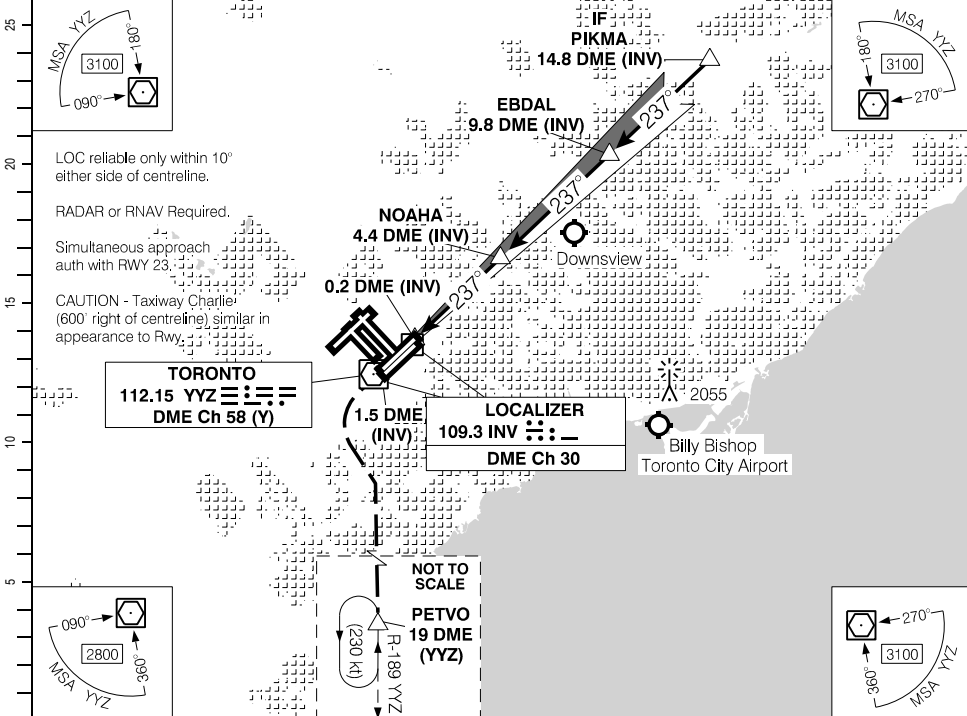
EFF 7 OCT 21

CYYZ

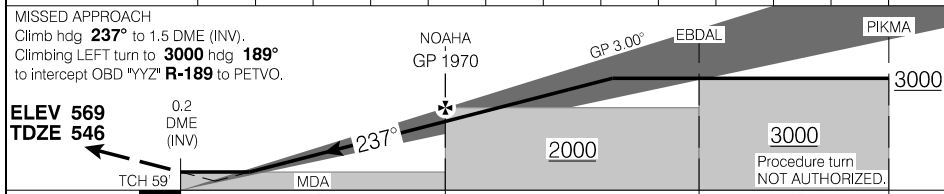
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

ILS RWY 24R

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1
SAFE ALT 100 NM 4900	LOC INV 109.3	APCH CRS 237°	GP NOAHA 1970
			LDA 9392



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved



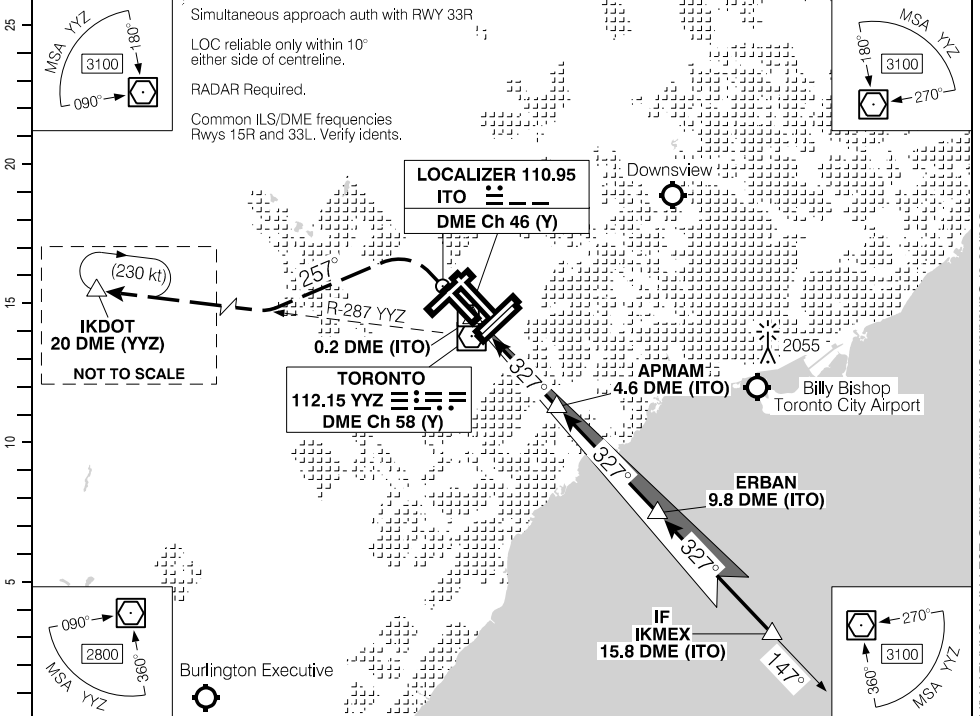
MISSED APPROACH
Climb hdg **237°** to 1.5 DME (INV).
Climbing **LEFT** turn to **3000** hdg **189°**
to intercept OBD "YYZ" **R-189** to PETVO.

ELEV 569 TDZE 546	TCH 59'	MDA	4.2	NOAHA GP 1970	5.4	GP 3.00°	EBDAL	3000	Procedure turn NOT AUTHORIZED.
		237°							
		CATEGORY A			CATEGORY B		CATEGORY C		CATEGORY D
		ILS/DME			796 (250)		1 RVR 50		
Knots	ft/min	Min:Sec	LOC/DME			980 (434)		1 1/4	
70									
90									
110									
130									
150									

ILS RWY 24R

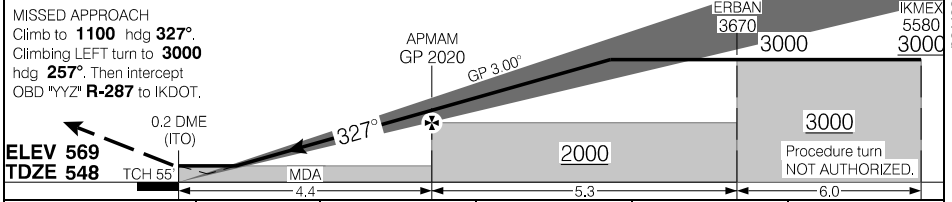
ILS RWY 33L

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	LOC ITO 110.95	APCH CRS 327°	GP APMAM 2020		LDA 8490



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM DME (ITO)	1.2	2	3	4	5	6	7	7.7	9	10	11	13	15.8
ALT (3.00° APCH PATH)	920	1190	1500	1820	2140	2460	2780	3000	3410	3730	4050	4690	5580



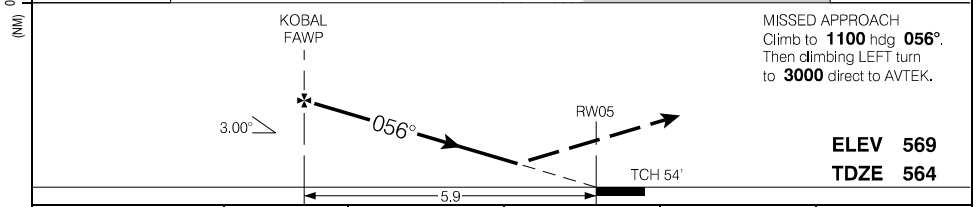
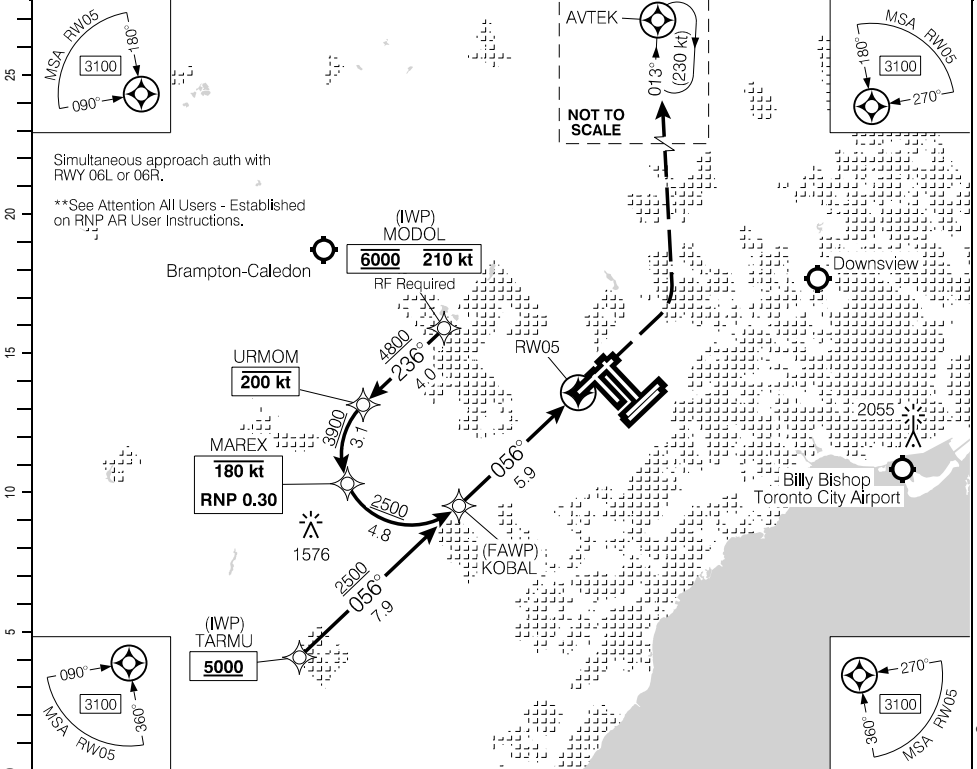
		CATEGORY	A	B	C	D
		ILS/DME	838	(290)	1 RVR 50	
Knots	ft/min	Min:Sec	LOC/DME		920 (372) 1 RVR 50	
70	370					
90	480					
110	580					
130	690					
150	800					

ILS RWY 33L

EFF 19 MAY 22

RNAV (RNP) Y RWY 05

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	RNAV	APCH CRS 056°	MIN ALT KOBAL 2500	LDA 10640



CATEGORY	A	B	C	D
	RNP 0.15	863	(300)	1 RVR 50
RNP 0.30	1082	(519)	1/4	

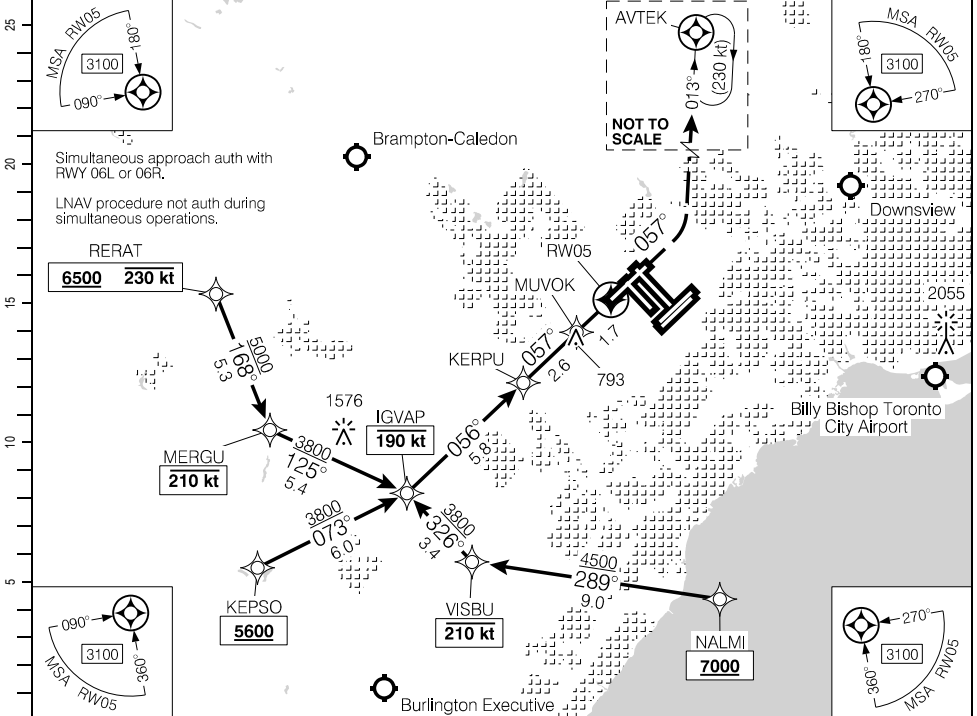
AUTHORIZATION REQUIRED
 (min. -19° C)
 (max. 54° C)

RNAV (RNP) Y RWY 05

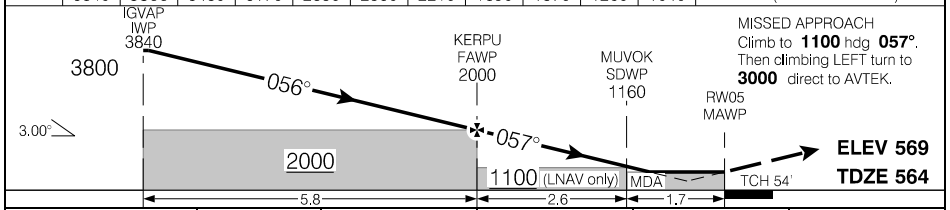
CYYZ

RNAV (GNSS) X RWY 05

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	WAAS Ch 80717 W05B	APCH CRS 057°	MIN ALT KERPU 2000	LDA 10640



(NM)	10.1	10.0	9	8	7	6	5	4	3	2	1.3	DIST FROM RW05
	3840	3800	3480	3170	2850	2530	2210	1890	1570	1260	1040	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	764	(201)	½ RVR 26	
			LNAV/VNAV (min. -19°C, max. 54°C)	1054	(491)	¼	
			LNAV	1040	(477)	1 RVR 50	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

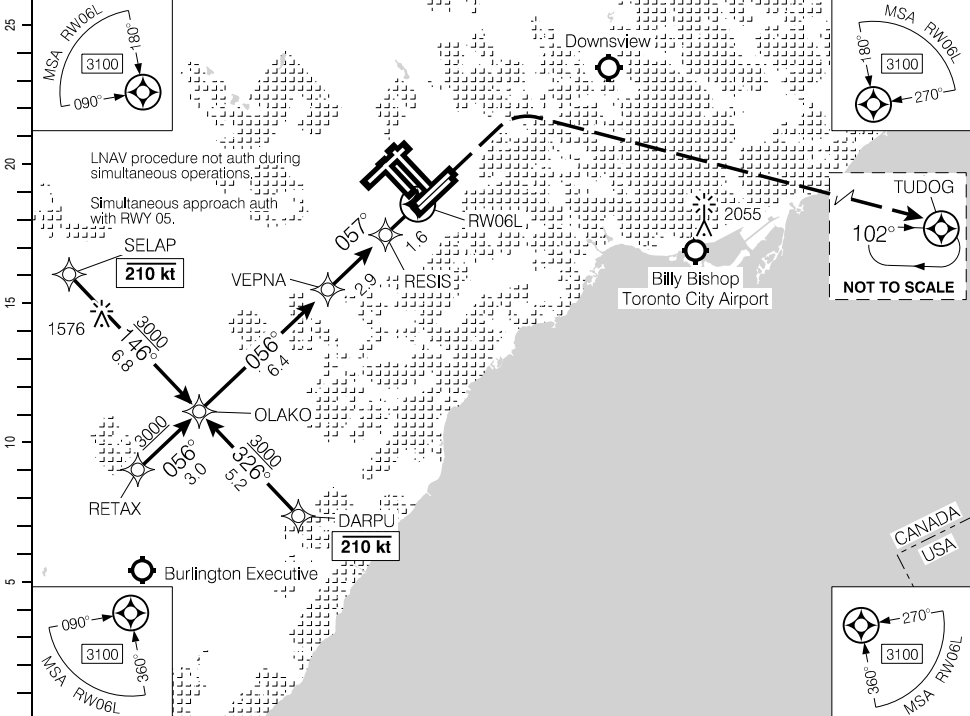
RNAV (GNSS) X RWY 05

EFF 3 NOV 22

CYYZ

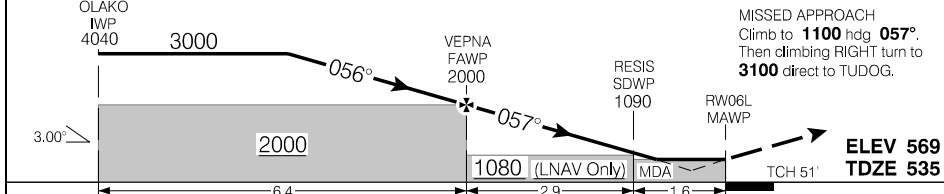
RNAV (GNSS) Z RWY 06L

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	WAAS Ch 80630 W06A	APCH CRS 057°	MIN ALT VEPNA 2000	LDA 9697



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10.9	10	9	7.6	7	6	5	4	3	2	1.2	DIST FROM RW06L
	4040	3760	3450	3000	2810	2490	2170	1850	1540	1220	960	ALT (3.00° APCH PATH)



CATEGORY			A	B	C	D
LPV			730	(201)	½ RVR 26	
LNAV/VNAV (min. -19°C, max. 54°C)			965	(436)	1 RVR 50	
LNAV			960	(431)	1 RVR 50	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) Z RWY 06L

RNAV (GNSS) X RWY 06L

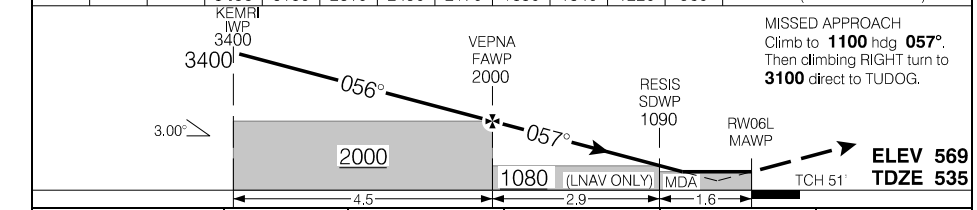
ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	TDZL
SAFE ALT 100 NM 4900	WAAS Ch 80718 W06E	APCH CRS 057°	MIN ALT VEPNA 2000	LDA 9697

Simultaneous approach auth with RWY 05.
LNAV procedure not auth during simultaneous operations.



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9.0	8	7	6	5	4	3	2	1.2	DIST FROM RW06L
	3400	3130	2810	2490	2170	1850	1540	1220	960	ALT (3.00° APCH PATH)

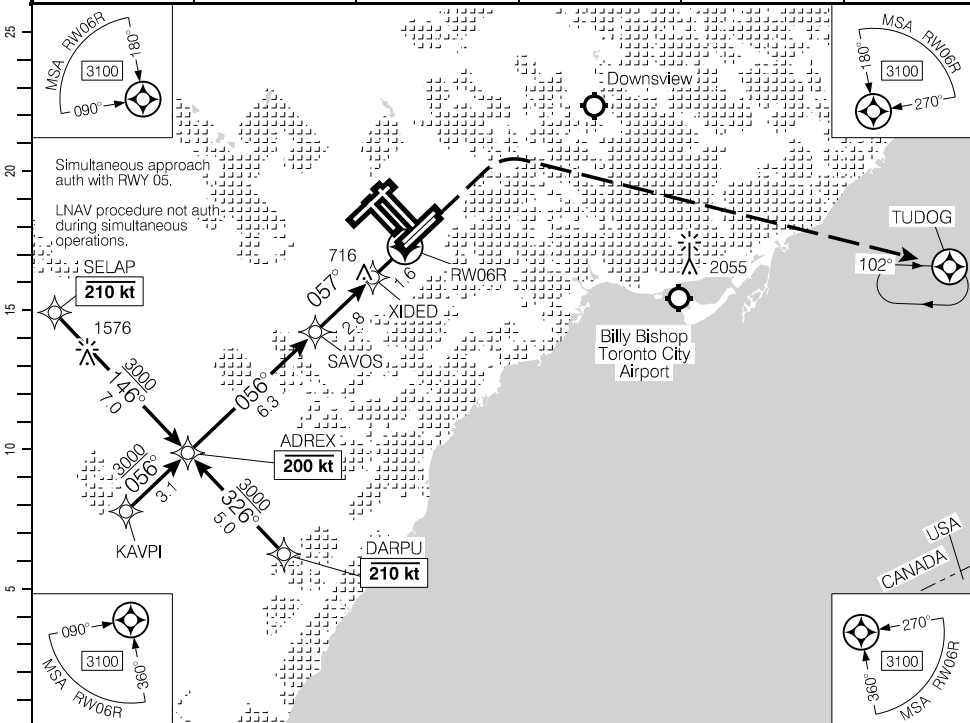


CATEGORY		A	B	C	D
LPV		730	(201)	½ RVR 26	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -19°C, max. 54°C)		965
70	370				(436)
90	480		LNAV		960
110	580				(431)
130	690				1 RVR 50
150	800				1 RVR 50

RNAV (GNSS) X RWY 06L

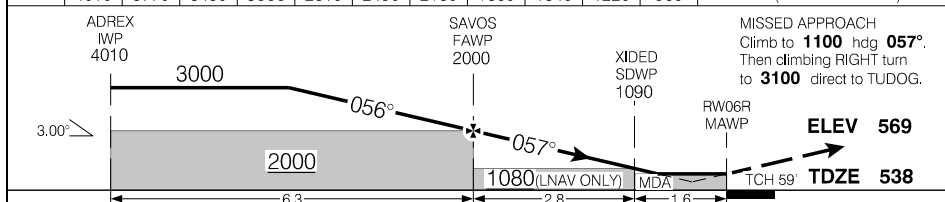
RNAV (GNSS) Z RWY 06R

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80631 W06D	APCH CRS 057°	MIN ALT SAVOS 2000	LDA 9000



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10.7	10	9	7.6	7	6	5	4	3	2	1.2	DIST FROM RWY06R
	4010	3770	3450	3000	2810	2490	2180	1860	1540	1220	960	ALT (3.00° APCH PATH)

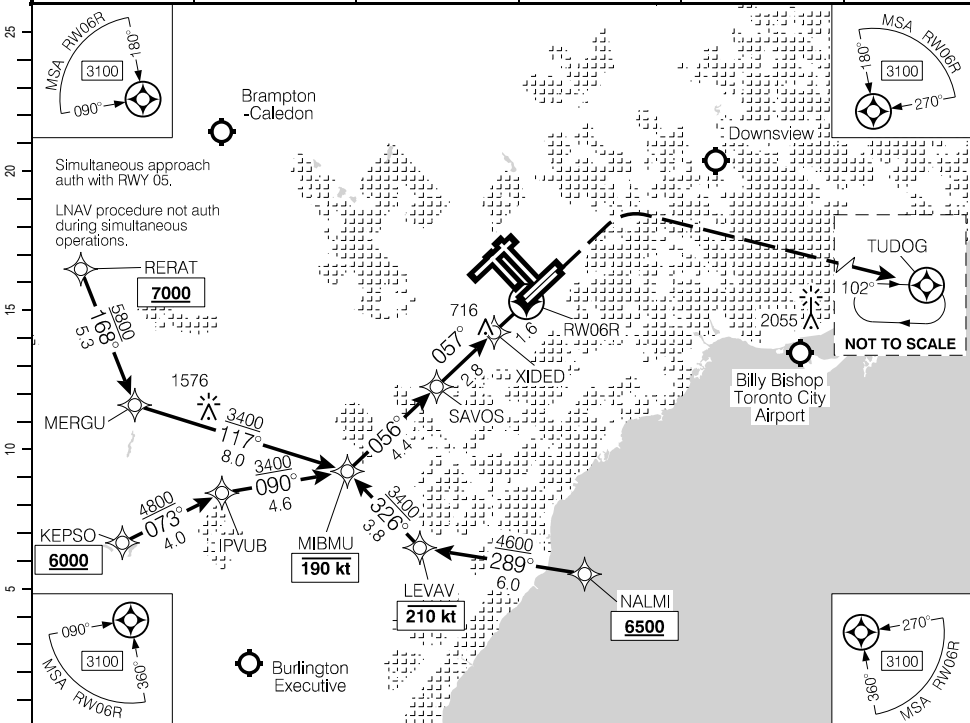


			CATEGORY	A	B	C	D
			LPV	725	(201)	½ RVR 26	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -18°C, max. 54°C)	965	(441)	1 RVR 50	
70	370		LNAV	960	(436)	1 RVR 50	
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) Z RWY 06R

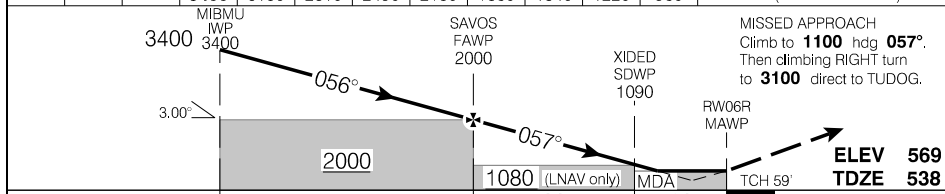
RNAV (GNSS) X RWY 06R

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1
SAFE ALT 100 NM 4900	WAAS Ch 80719 W06B	APCH CRS 057°	MIN ALT SAVOS 2000
			LDA 9000



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)		8.8	8	7	6	5	4	3	2	1.2	DIST FROM RW06R
		3400	3130	2810	2490	2180	1860	1540	1220	960	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	725	(201)	½ RVR 26	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -18°C, max. 54°C)	965	(441)	1 RVR 50	
70	370		LNAV	960	(436)	1 RVR 50	
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) X RWY 06R

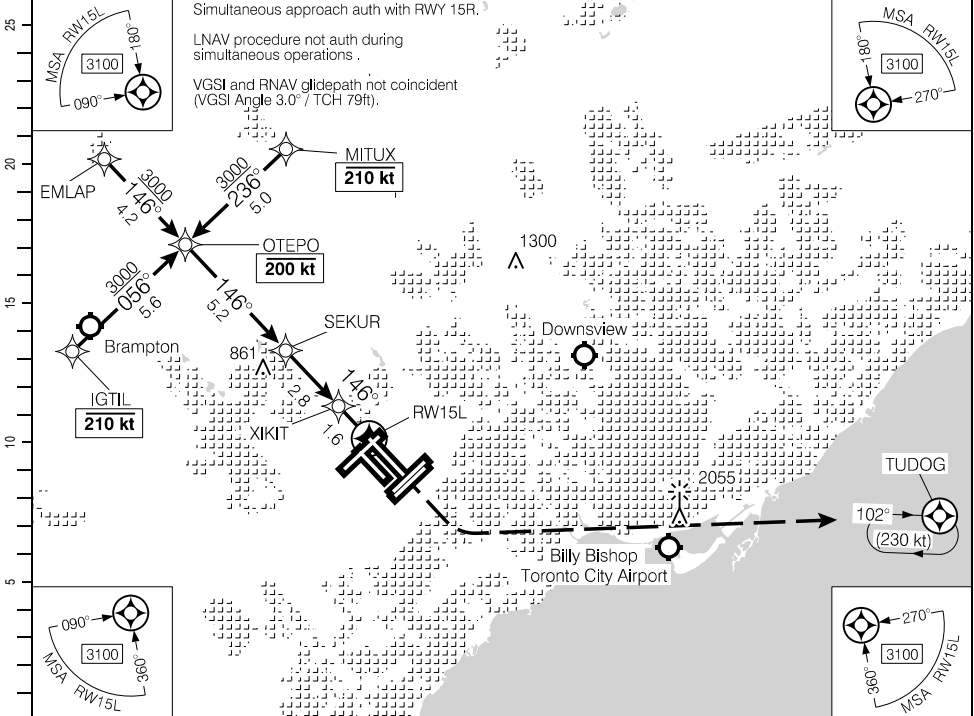
RNAV (GNSS) Z RWY 15L

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80632 W15A	APCH CRS 146°	MIN ALT SEKUR 2000		LDA 10886

Simultaneous approach auth with RWY 15R.

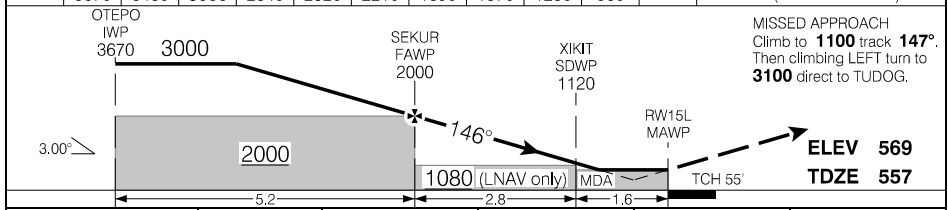
LNAV procedure not auth during simultaneous operations.

VGSI and RNAV glidepath not coincident (VGSI Angle 3.0° / TCH 79ft).



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	9.6	9	7.5	7	6	5	4	3	2	1.2		DIST FROM RWY15L
	3670	3480	3000	2840	2520	2210	1890	1570	1250	980		ALT (3.00° APCH PATH)

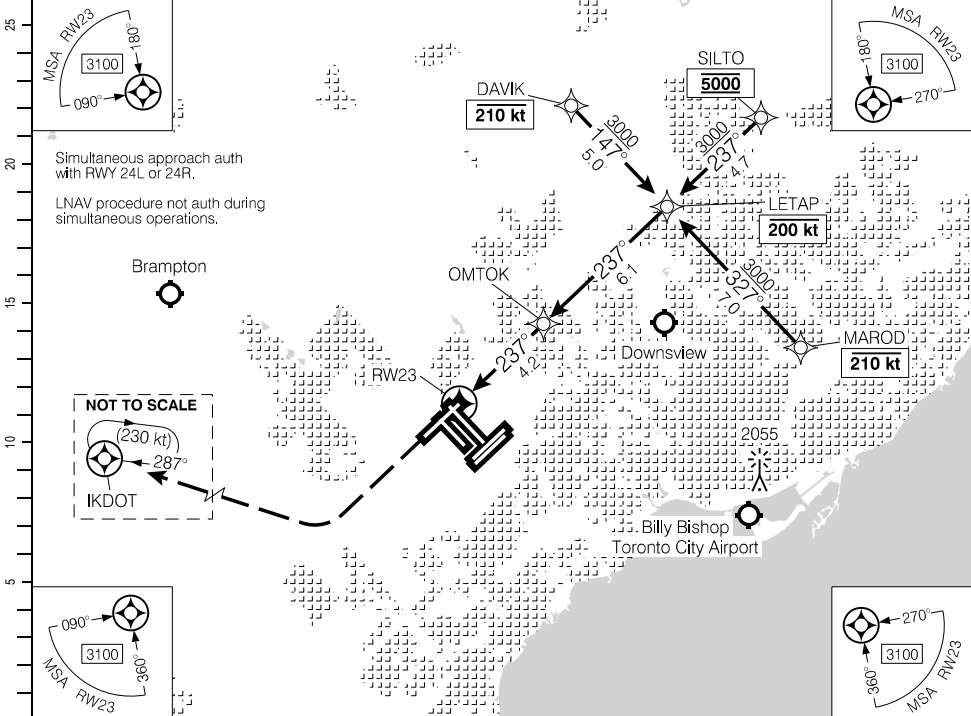


			CATEGORY	A	B	C	D
			LPV	757	(200)	½ RVR 26	
			LNAV/VNAV (min. -19°C, max. 54°C)	898	(341)	1 RVR 50	
			LNAV	980	(423)	1 RVR 50	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

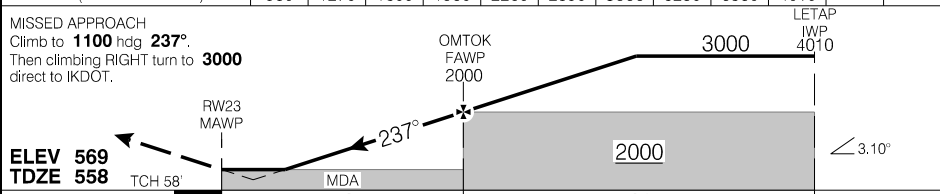
RNAV (GNSS) Z RWY 15L

RNAV (GNSS) Z RWY 23

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1
SAFE ALT 100 NM 4900	WAAS Ch 80634 W23A	APCH CRS 237°	MIN ALT OMTOK 2000
			LDA 10089



(NM)	DIST FROM RW23	1.1	2	3	4	5	6	7.2	8	9	10.3
	ALT (3.10° APCH PATH)	980	1270	1600	1930	2260	2590	3000	3250	3580	4010



MISSED APPROACH Climb to 1100 hdg 237° . Then climbing RIGHT turn to direct to IKDOT.		3000		OMTOK FAWP 2000		3000		LETAP IWP 4010			
ELEV 569 TDZE 558		TCH 58'		MDA 2000		3.10°					
		4.2		6.1							
		CATEGORY		A		B		C		D	
		LPV		808		(250)		1 RVR 50			
Knots		ft/min		Min:Sec		LNAV/VNAV (min. -23°C, max. 45°C)		990		(433)	
70		380				LNAV		980		(423)	
90		490								1 RVR 50	
110		600									
130		710									
150		820									

RNAV (GNSS) Z RWY 23

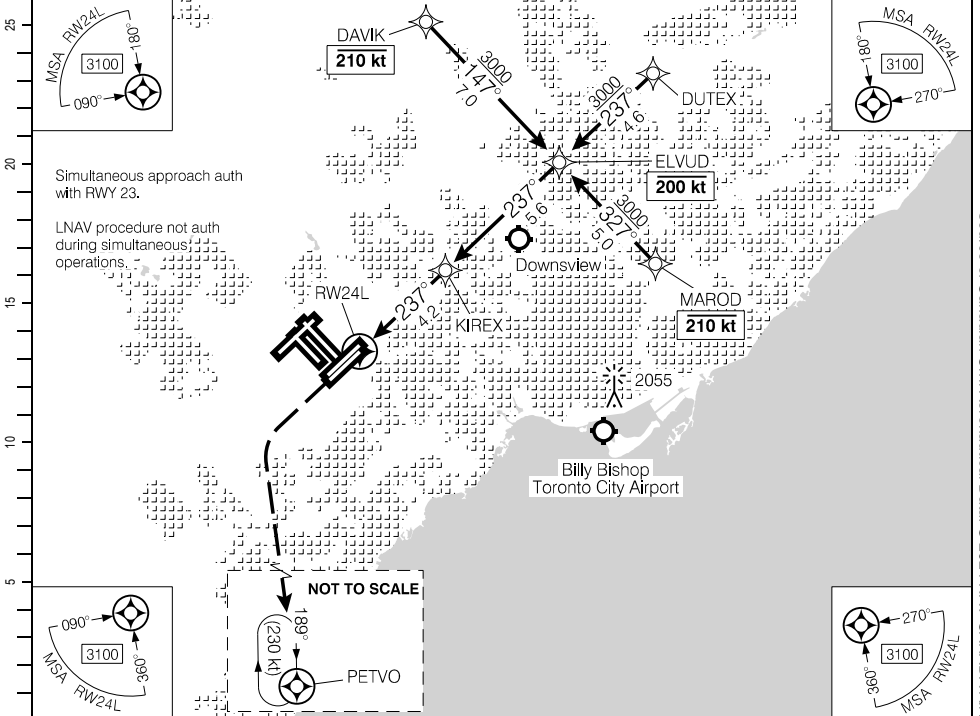
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) Z RWY 24L

434034N 0793750W VAR 10°W

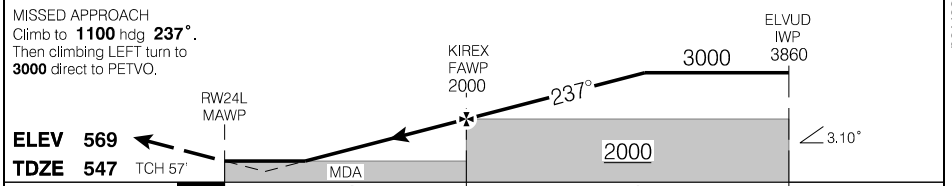
CYYZ

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80635 W24A	APCH CRS 237°	MIN ALT KIREX 2000		LDA 8898



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM RW24L	1.4	2	3	4	5	6	7.3	8	9	9.9		
ALT (3.10° APCH PATH)	1060	1260	1590	1920	2250	2580	3000	3240	3570	3860		



MISSED APPROACH Climb to 1100 hdg 237° . Then climbing LEFT turn to 3000 direct to PETVO.			ELVUD IWP 3860
ELEV 569	←	MAWP	
TDZE 547	←	TCH 57'	
		MDA	
		KIREX FAWP 2000	
		3000	
		237°	
		3.10°	
		4.2	5.6
	CATEGORY	A	B
	LPV	747	(200)
			½ RVR 26
	LNAV/VNAV (min. -23°C, max. 45°C)	953	(407)
			1 RVR 50
	LNAV	1060	(514)
			1 RVR 50
Knots	ft/min	Min:Sec	
70	380		
90	490		
110	600		
130	710		
150	820		

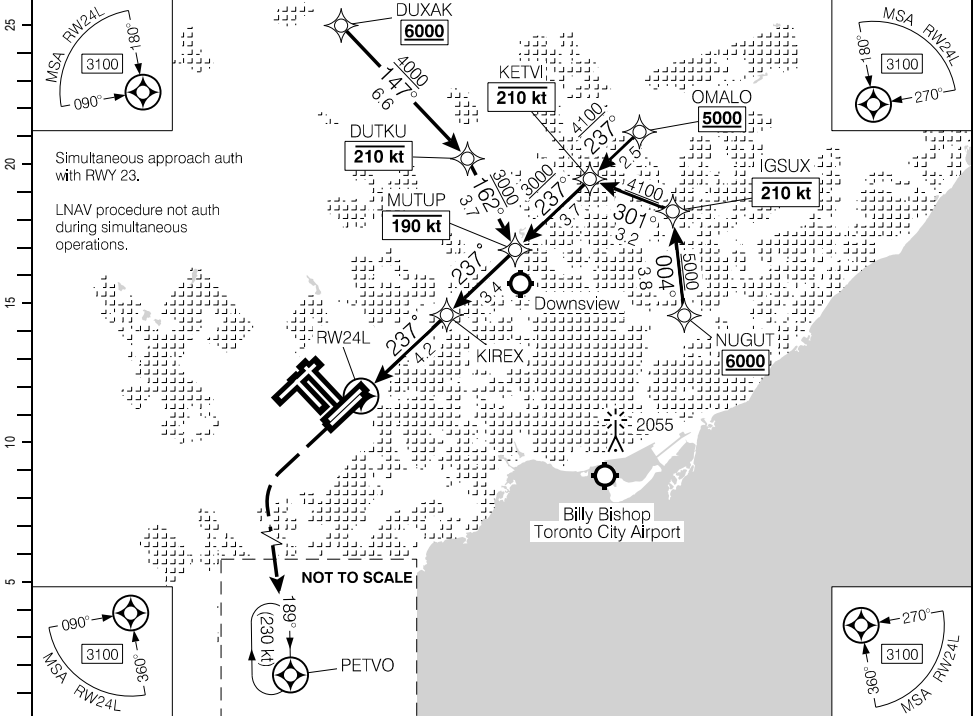
RNAV (GNSS) Z RWY 24L

CYYZ

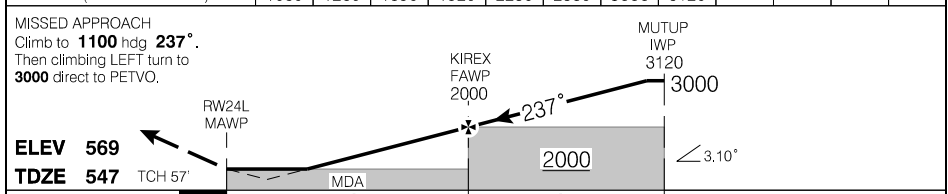
EFF 30 NOV 23

RNAV (GNSS) X RWY 24L

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80721 W24E	APCH CRS 237°	MIN ALT KIREX 2000		LDA 8898



(NM)	DIST FROM RW24L	1.4	2	3	4	5	6	7.3	7.6				
	ALT (3.10° APCH PATH)	1060	1260	1590	1920	2250	2580	3000	3120				



			CATEGORY	A	B	C	D
			LPV	747	(200)	½ RVR 26	
			LNAV/VNAV (min. -23°C, max. 45°C)	953	(407)	1 RVR 50	
			LNAV	1060	(514)	1 RVR 50	
Knots	ft/min	Min:Sec					
70	380						
90	490						
110	600						
130	710						
150	820						

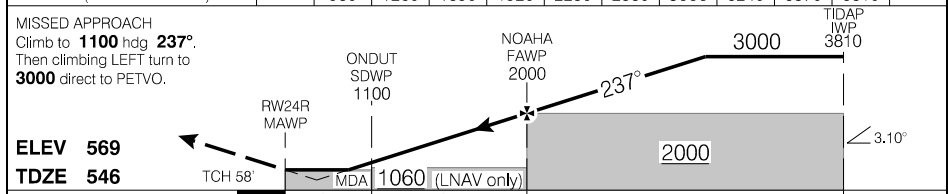
RNAV (GNSS) X RWY 24L

RNAV (GNSS) Z RWY 24R

ATIS - 120.82 133.1	ARR - 132.8 124.47 125.4	TWR - 118.35 118.7	GND - 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80636 W24D	APCH CRS 237°	MIN ALT NOAHA 2000		LDA 9392



DIST FROM RW24R	1.1	2	3	4	5	6	7.3	8	9	9.7
ALT (3.10° APCH PATH)	980	1260	1590	1920	2250	2580	3000	3240	3570	3810



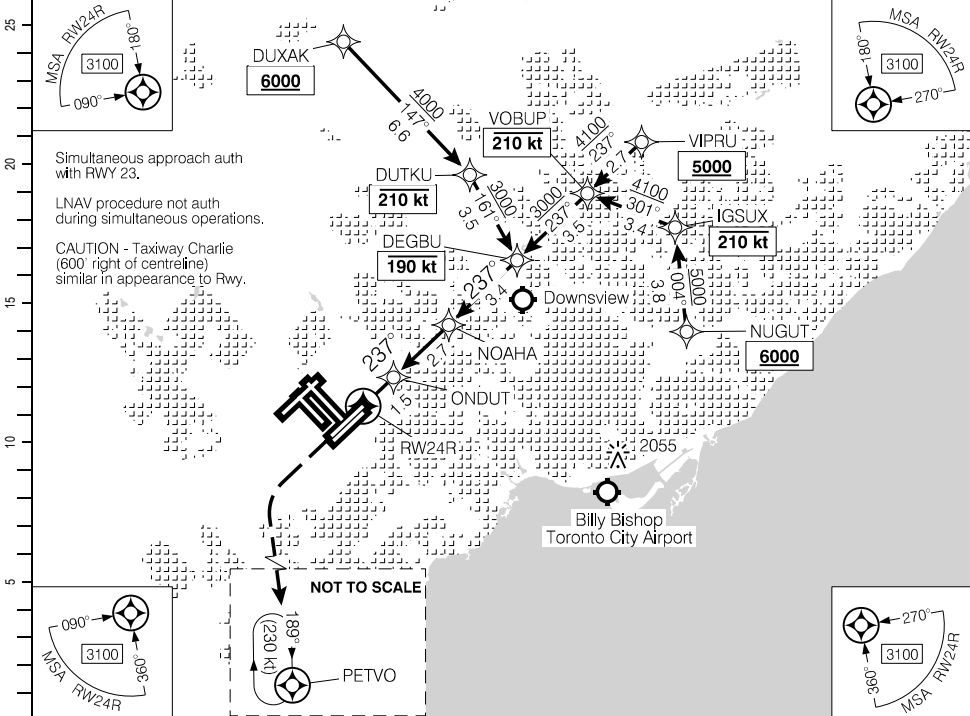
ELEV 569			TCH 58'			MDA 1060 (LNAV only)			2000			3.10°		
TDZE 546			1.5			2.7			5.5					
CATEGORY			A			B			C			D		
LPV			796			(250)			1 RVR 50					
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -23°C, max. 45°C)			1028			(482)			1½		
70	380		LNAV			980			(434)			1¼		
90	490													
110	600													
130	710													
150	820													

RNAV (GNSS) Z RWY 24R

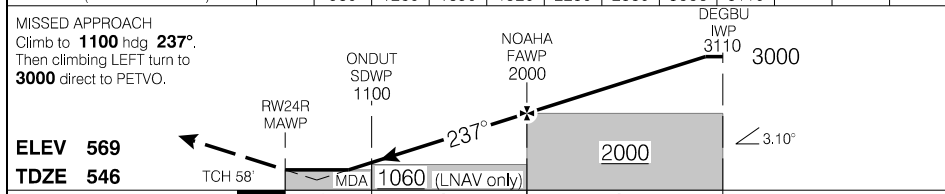
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) X RWY 24R

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80722 W24B	APCH CRS 237°	MIN ALT NOAHA 2000		LDA 9392



(NM)	DIST FROM RW24R	1.1	2	3	4	5	6	7.3	7.6		
	ALT (3.10° APCH PATH)	980	1260	1590	1920	2250	2580	3000	3110		



ELEV 569			TCH 58'			MDA 1060 (LNAV only)			NOAHA FAWP 2000			DEGBU IVP 3110		
TDZE 546			1.5			2.7			3.4			3.000		
CATEGORY			A			B			C			D		
LPV			796			(250)			1 RVR 50					
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -23°C, max. 45°C)			1028			(482)			1½		
70	380		LNAV			980			(434)			1¼		
90	490													
110	600													
130	710													
150	820													

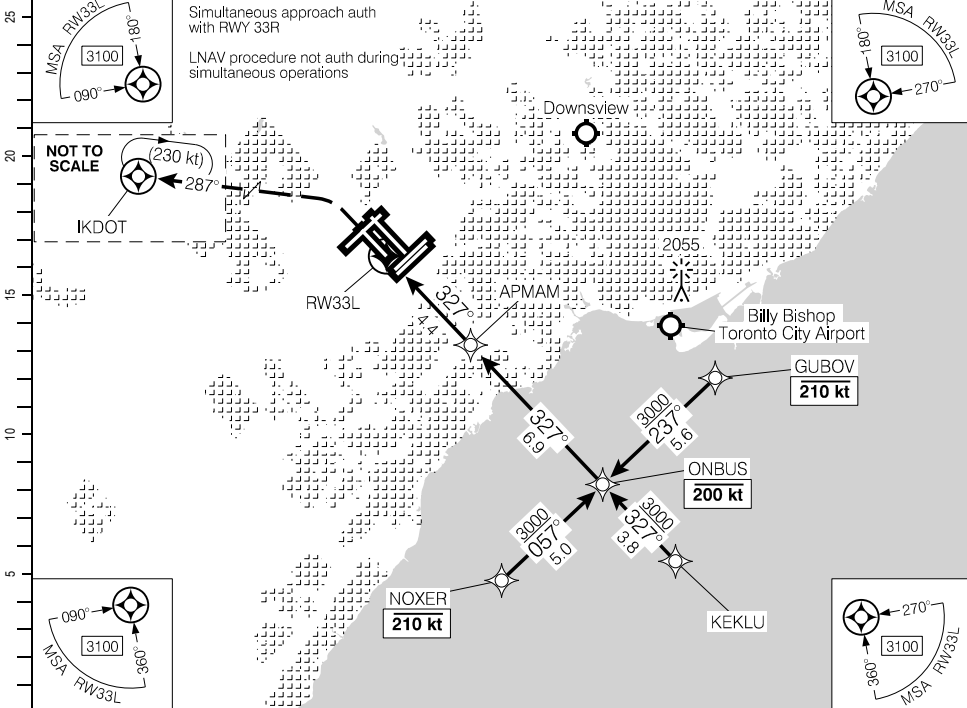
RNAV (GNSS) X RWY 24R

RNAV (GNSS) Z RWY 33L

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1
SAFE ALT 100 NM 4900	WAAS Ch 80637 W33A	APCH CRS 327°	MIN ALT APMAM 2000
			LDA 8490

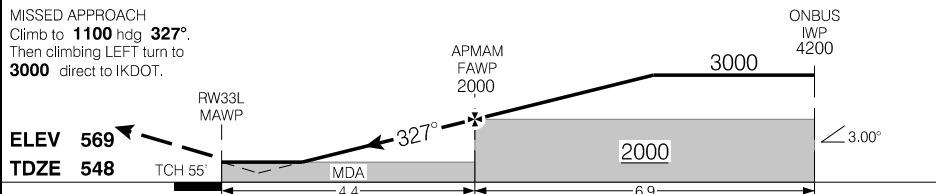


Simultaneous approach auth with RWY 33R
 LNAV procedure not auth during simultaneous operations



DIST FROM RW33L	1.4	2	3	4	5	6	7.5	9	10	11.3
ALT (3.00° APCH PATH)	1040	1240	1560	1870	2190	2510	3000	3470	3790	4200

MISSED APPROACH
 Climb to **1100** hdg **327°**.
 Then climbing LEFT turn to **3000** direct to IKDOT.

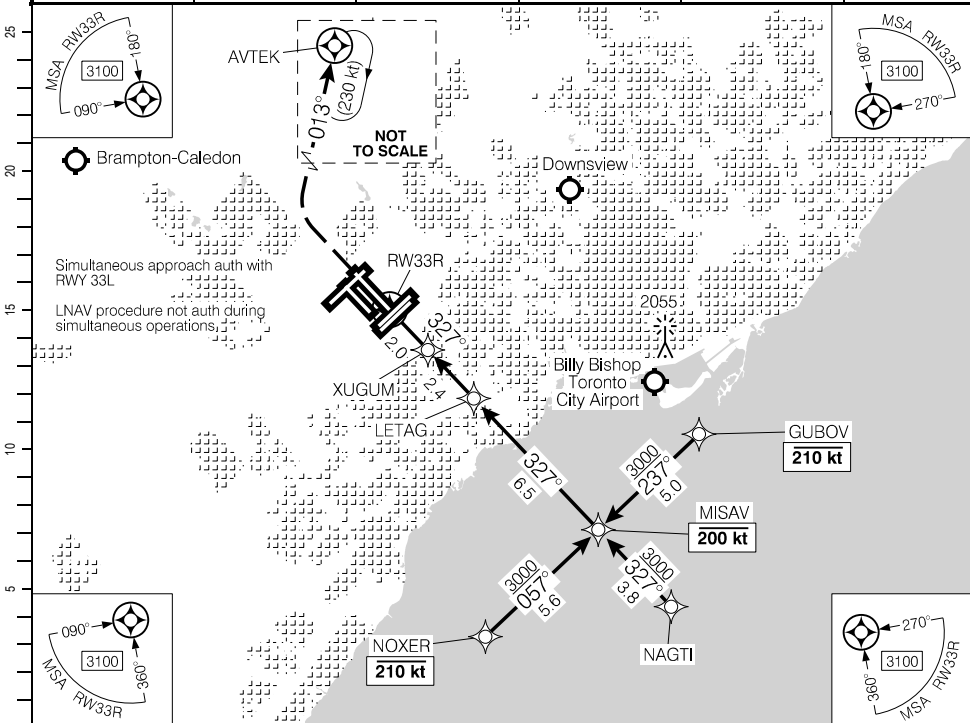


			CATEGORY	A	B	C	D
			LPV	842	(296)	1 RVR 50	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -19°C, max. 54°C)	950	(404)	1 RVR 50	
			LNAV	1040	(494)	1 RVR 50	
70	370						
90	480						
110	580						
130	690						
150	800						

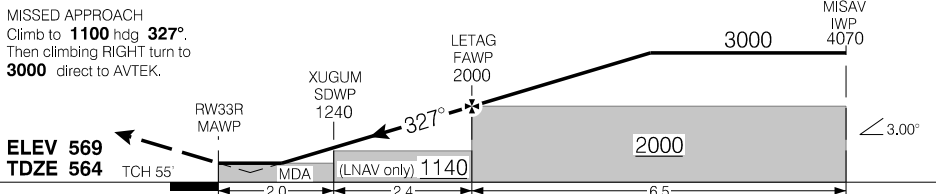
RNAV (GNSS) Z RWY 33L

RNAV (GNSS) Z RWY 33R

ATIS – 120.82 133.1	ARR – 132.8 124.47 125.4	TWR – 118.35 118.7	GND – 121.9 121.65 119.1	
SAFE ALT 100 NM 4900	WAAS Ch 80638 W33D	APCH CRS 327°	MIN ALT LETAG 2000		LDA 11050



(NM)	DIST FROM RW33R	1.1	2	3	4	5	6	7	7.5	9	10	10.9
	ALT (3.00° APCH PATH)	940	1240	1550	1870	2190	2510	2830	3000	3470	3780	4070



		CATEGORY	A	B	C	D
		LPV	771	(227)	½ RVR 26	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -19°C, max. 54°C)		947	
70	370		LNAV		940	
90	480				(396)	
110	580				1 RVR 50	
130	690					
150	800					

RNAV (GNSS) Z RWY 33R

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **5000**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to NUBAX (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to NUBAX (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

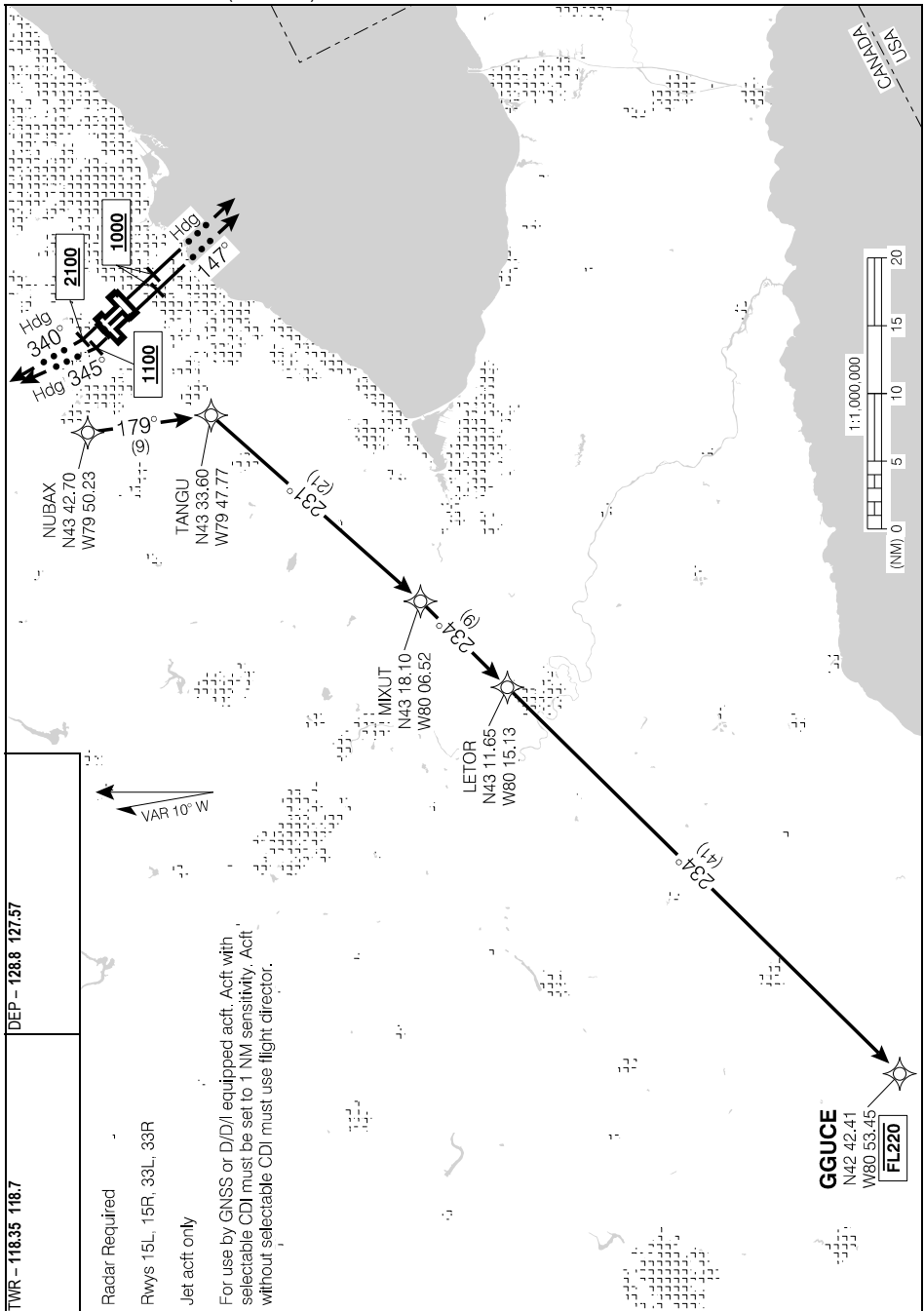
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

ANCOL FIVE DEP (ANCOL5.)

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar Required

Rwys 15L, 15R, 33L, 33R

Jet acft only

For use by GNSS or D/D/I equipped acft. Acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director.

ANCOL FIVE DEP (ANCOL5.)

EFF 19 MAY 22

CYYZ

Departure Route Description

Unless otherwise assigned by ATC

Note: Aircraft assigned a turn at take-off, commence turn at **1100**.

- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05 hdg **057°**. Intercept and maintain YTP **R-055** outbound. At 5.7 DME fly hdg **047°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L hdg **057°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R hdg **057°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L hdg **147°** cross YTP 7.9 DME Ch 112(Y) at or above **3000**. Maintain hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R hdg **147°** cross YTP 7.9 DME Ch 112(Y) at or above **3000**. Maintain hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 23:** Depart rwy 23 hdg **237°** until passing YTP. Then intercept and maintain YTP **R-240** outbound. At 3.9 DME fly hdg **245°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L hdg **237°**. At YYZ 1.6 DME Ch 58(Y), turn **LEFT** hdg **235°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R hdg **237°**. At YYZ 1.6 DME Ch 58(Y), turn **LEFT** hdg **235°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L hdg **327°** to **1100**. Climbing **RIGHT** turn hdg **345°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 33R:** Depart rwy 33R hdg **327°** to **2100**. Climbing **RIGHT** turn hdg **340°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

Communication Failure

On recognition of a failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 DME (YYZ) proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight plan altitude.

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **5000**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to KEDSI (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to KEDSI (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to KEDSI (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BOVAL (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BOVAL (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to TETAD (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to TETAD (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

OTNIK TRANSITION: (AVSEP7.OTNIK)
MUSIT TRANSITION: (AVSEP7.MUSIT)

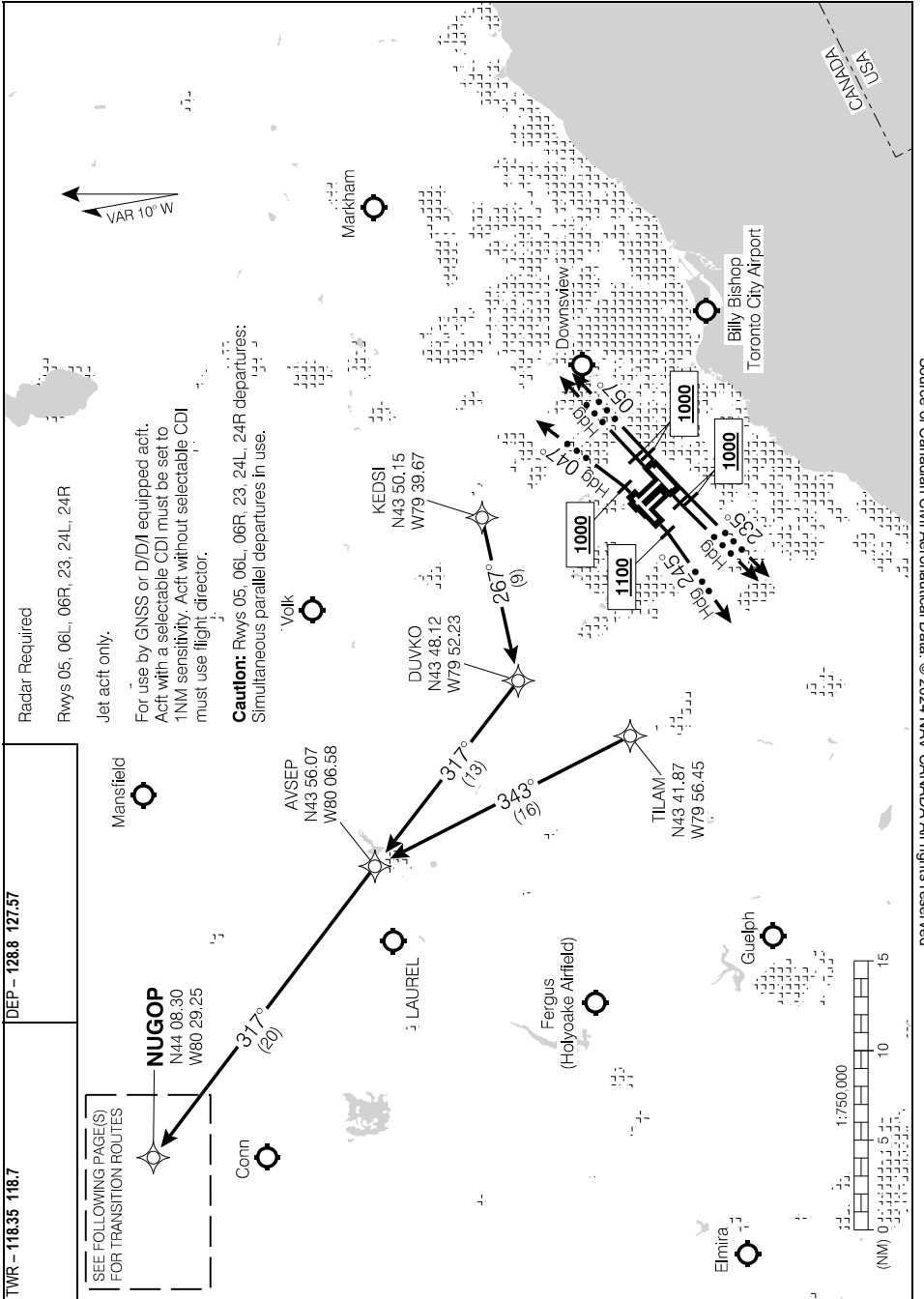
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

AVSEP SEVEN DEP (AVSEP7.) DEPARTURE ROUTES

CYYZ



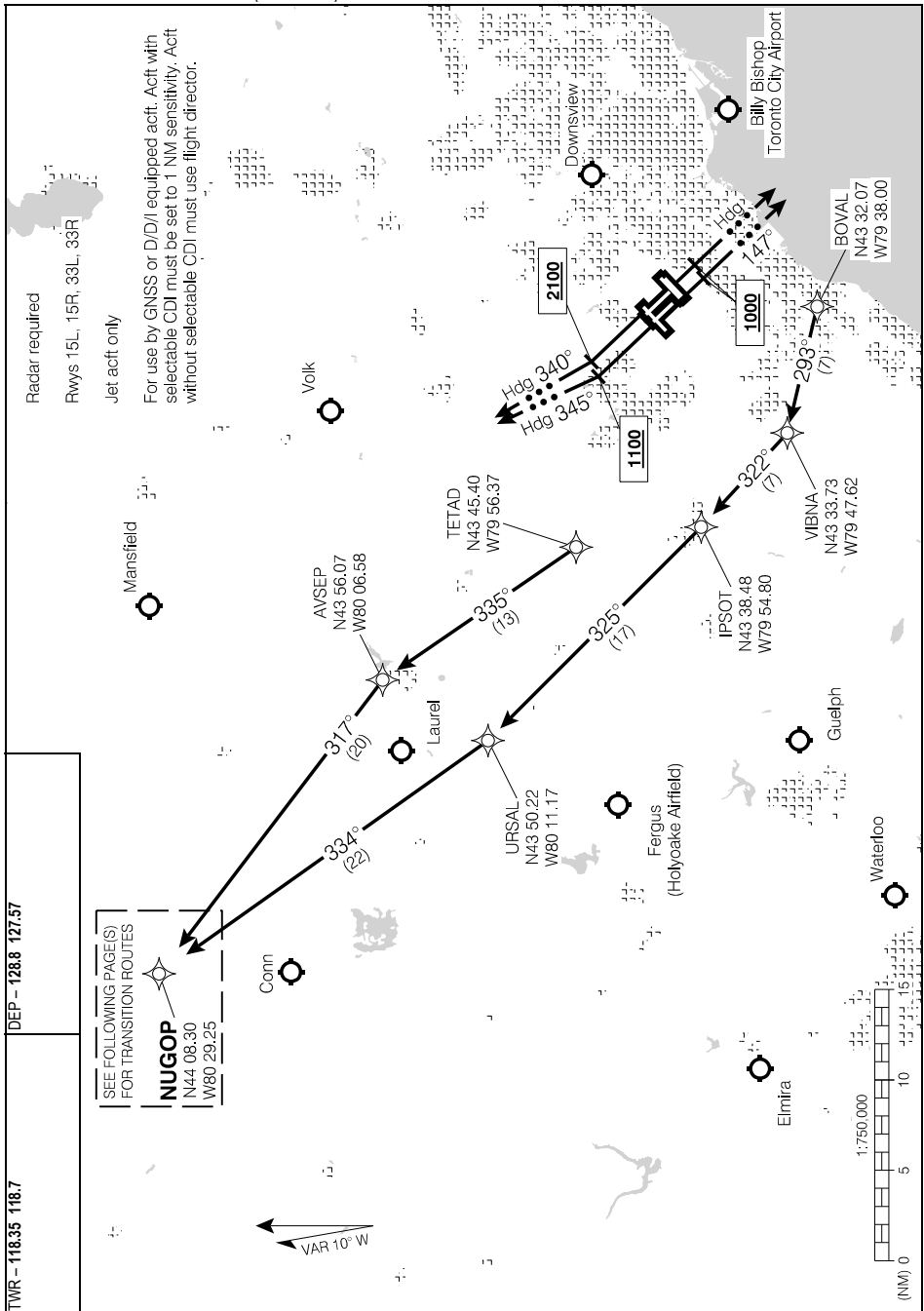
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AVSEP SEVEN DEP (AVSEP7.) DEPARTURE ROUTES

CYYZ

AVSEP SEVEN DEP (AVSEP7.) DEPARTURE ROUTES

CYYZ



AVSEP SEVEN DEP (AVSEP7.) DEPARTURE ROUTES

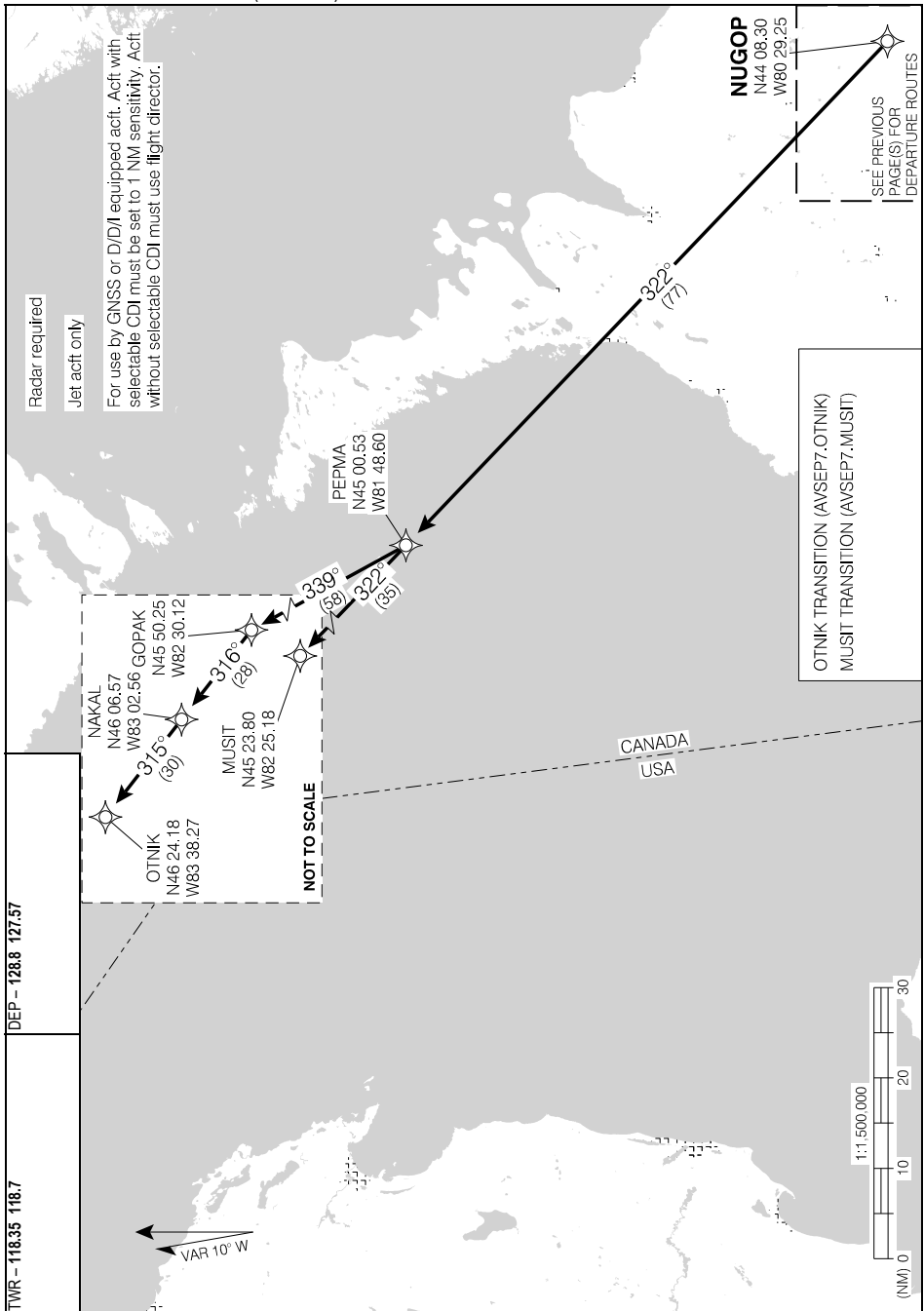
CYYZ

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

AVSEP SEVEN DEP (AVSEP7.) TRANSITION ROUTES

CYYZ



AVSEP SEVEN DEP (AVSEP7.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **5000**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to **MOBEL** (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **MOBEL** (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **MOBEL** (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **OAKVL** (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **OAKVL** (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to **MURNO** (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to **MURNO** (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to **MURNO** (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to **NUBAX** (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to **NUBAX** (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

ERIE TRANSITION: (BETES3.ERI)
FOXEE TRANSITION: (BETES3.FOXEE)
AIRRA TRANSITION: (BETES3.AIRRA)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

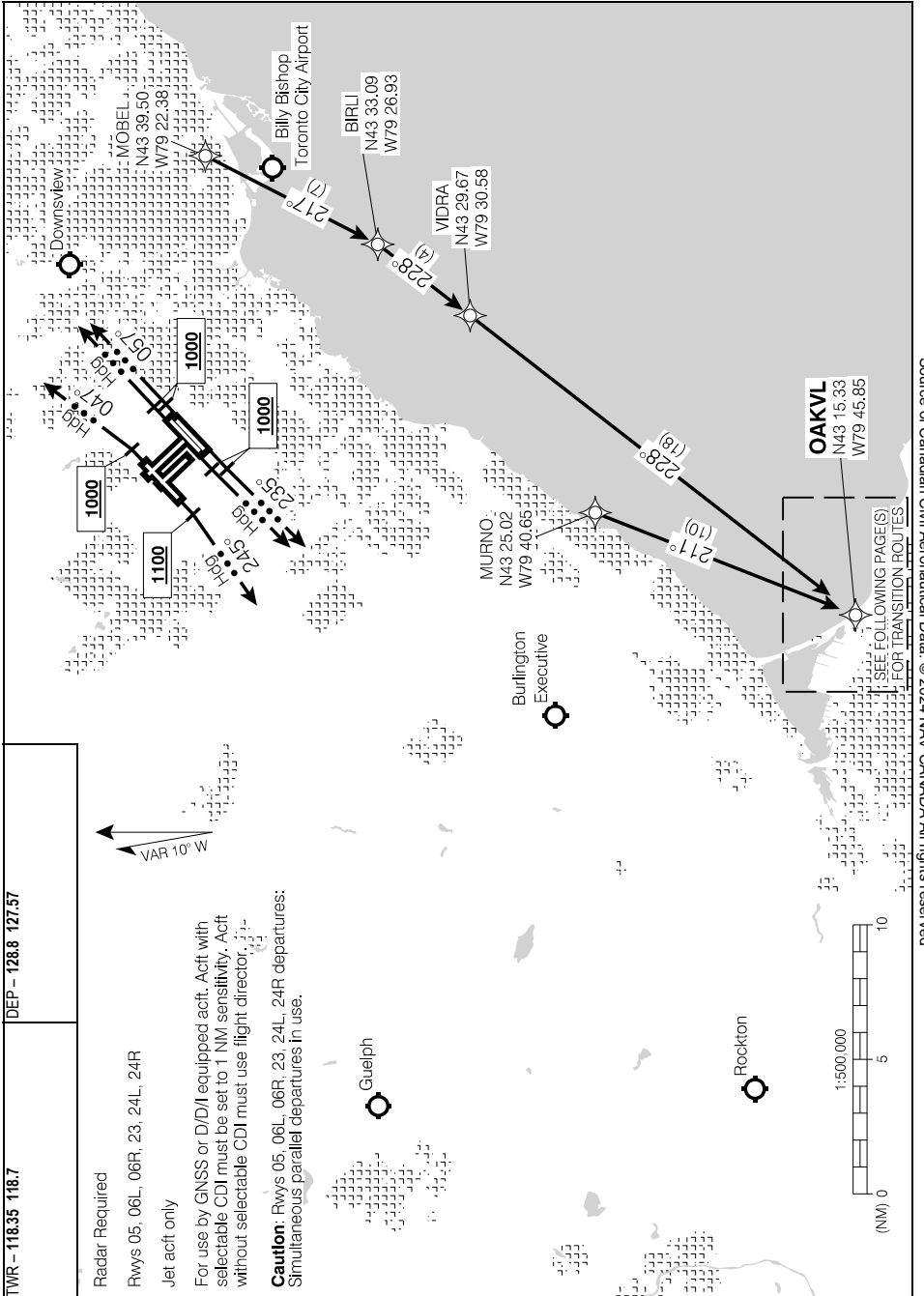
1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL. ON

BETES THREE DEP (BETES3.) DEPARTURE ROUTES

CYYZ



BETES THREE DEP (BETES3.) DEPARTURE ROUTES

CYYZ

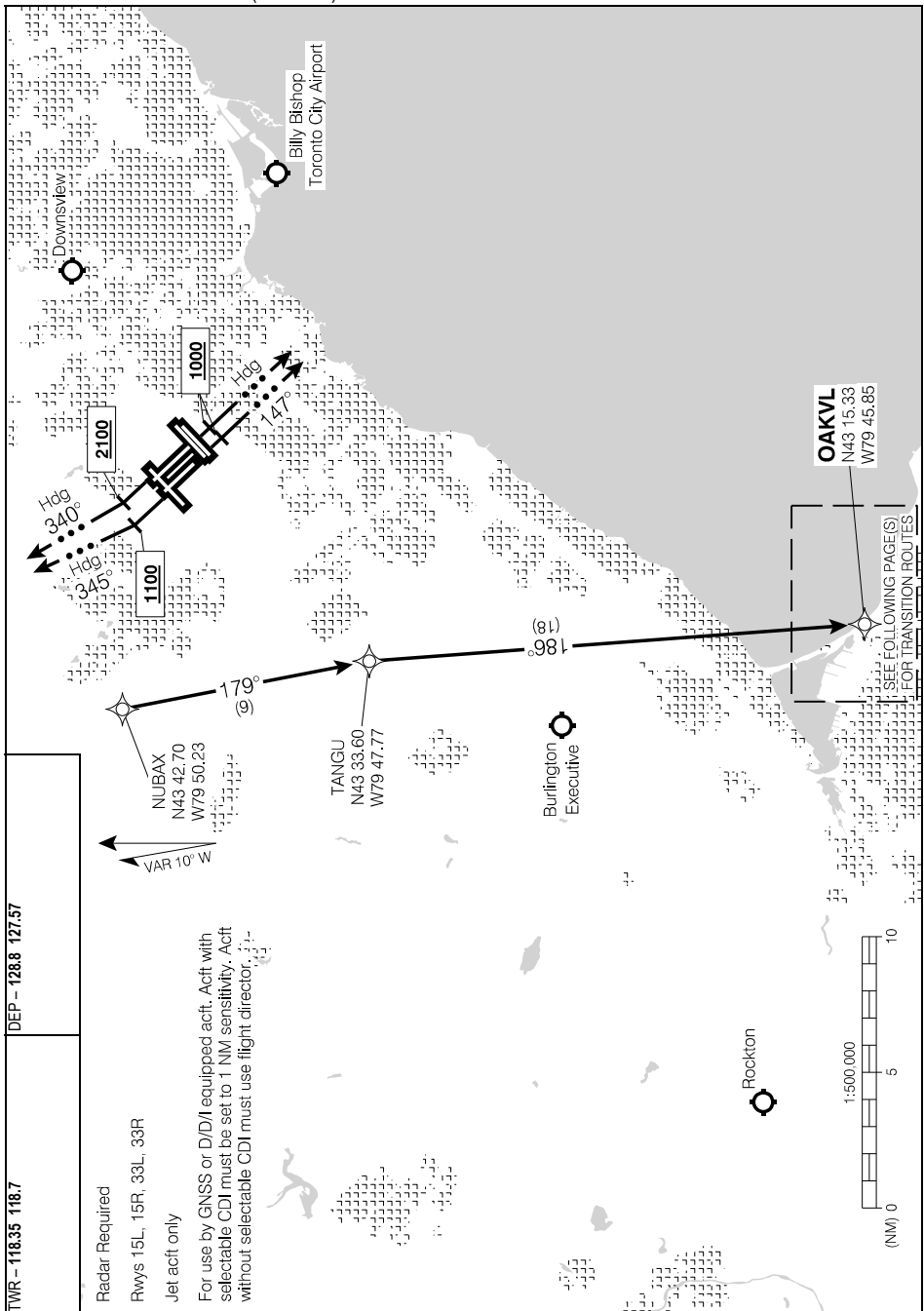
EFF 19 MAY 22

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL. ON

BETES THREE DEP (BETES3.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

BETES THREE DEP (BETES3.) DEPARTURE ROUTES

CYYZ

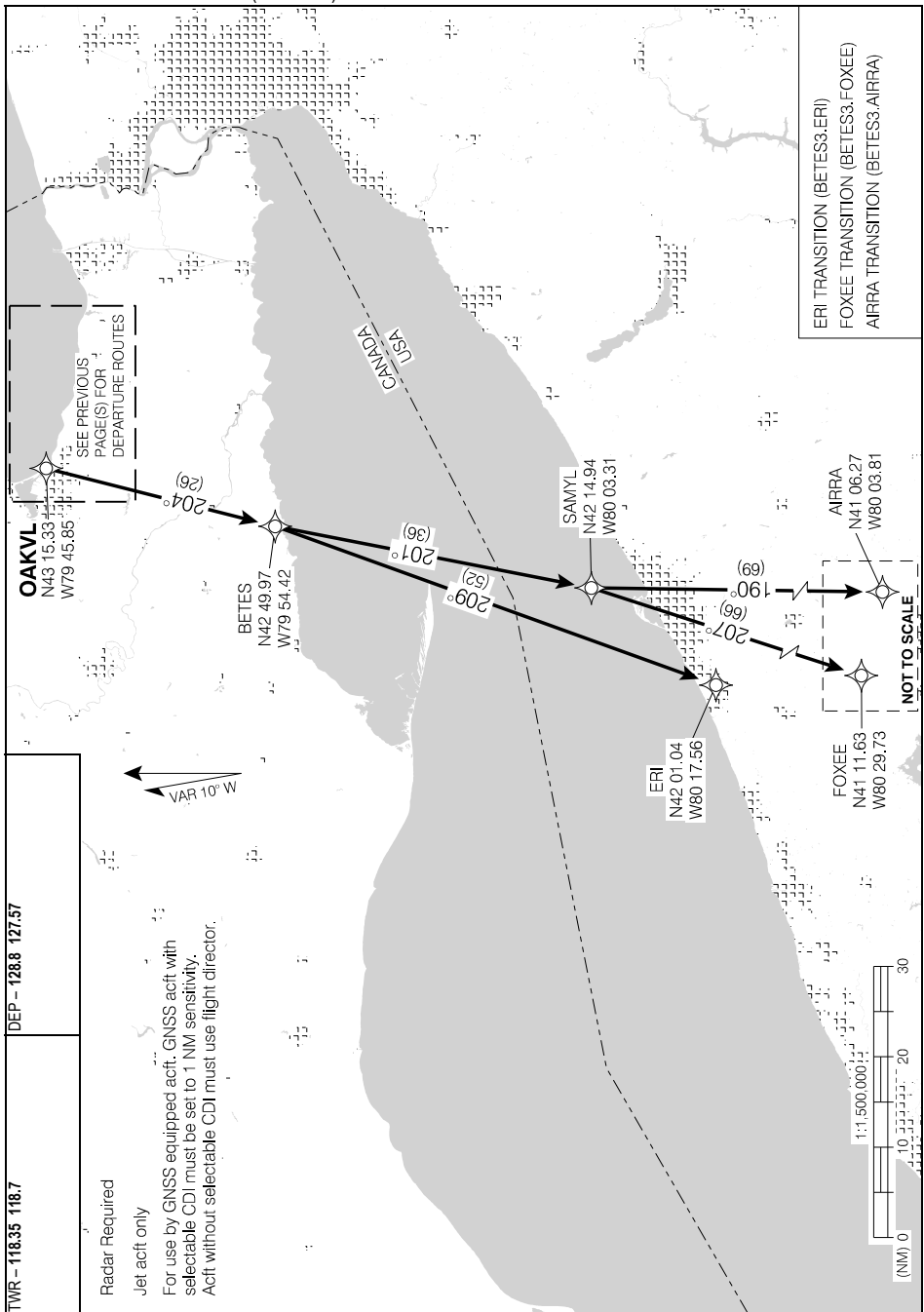
EFF 19 MAY 22

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

BETES THREE DEP (BETES3.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

BETES THREE DEP (BETES3.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to AVROS (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to AVROS (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to AVROS (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to DAVSI (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to DAVSI (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to NUBAN (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to NUBAN (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

- MIVOK TRANSITION:** (BOMET8.MIVOK)
- IPTOS TRANSITION:** (BOMET8.IPTOS)
- MIGLO TRANSITION:** (BOMET8.MIGLO)
- OLABA TRANSITION:** (BOMET8.OLABA)

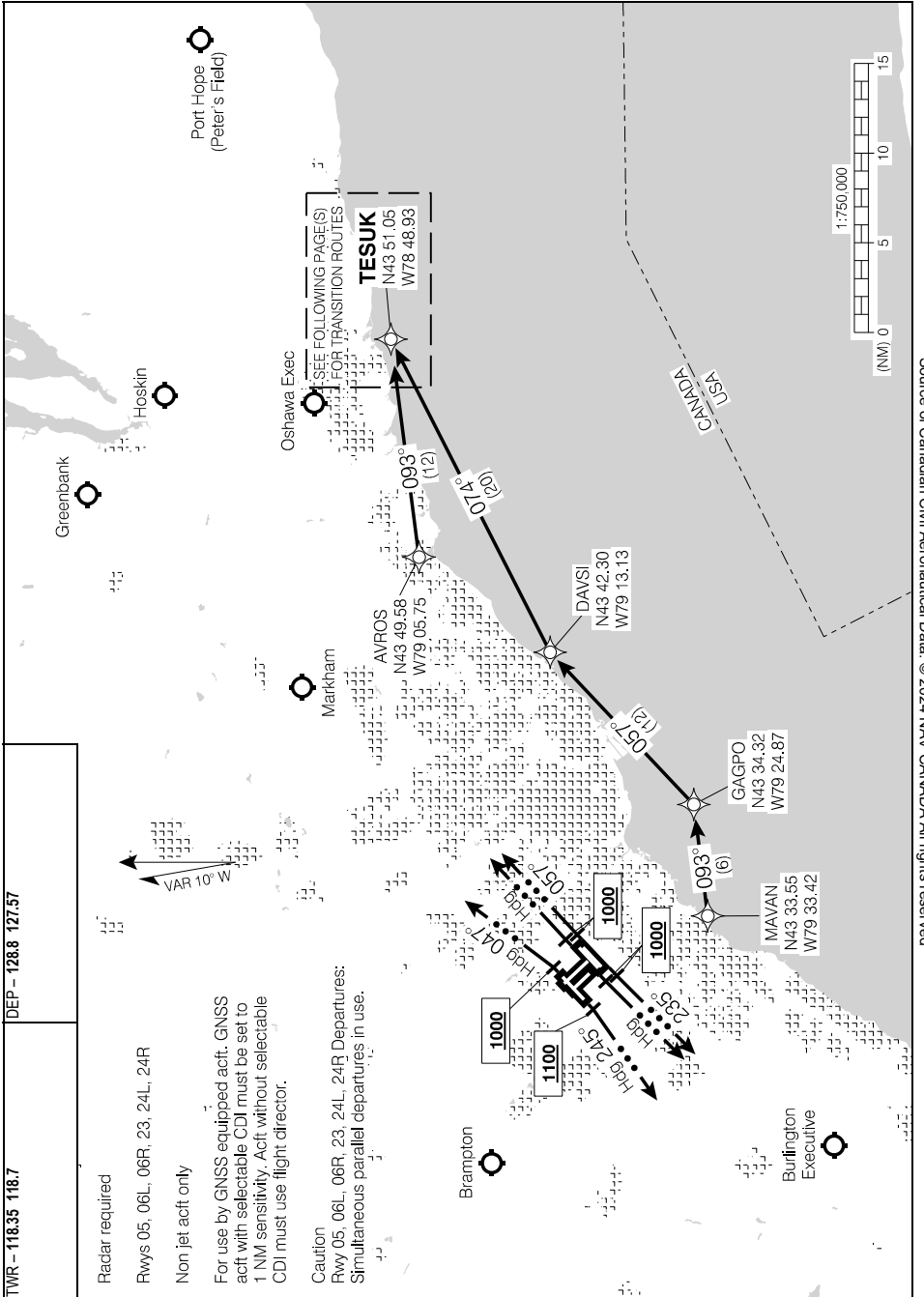
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

BOMET EIGHT DEP (BOMET8.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7	DEP - 128.8 127.57
--------------------	--------------------

Radar required

Rwys 05, 06L, 06R, 23, 24L, 24R

Non jet acct only

For use by GNSS equipped acct. GNSS acct with selectable CDI must be set to 1 NM sensitivity. Acct without selectable CDI must use flight director.

Caution

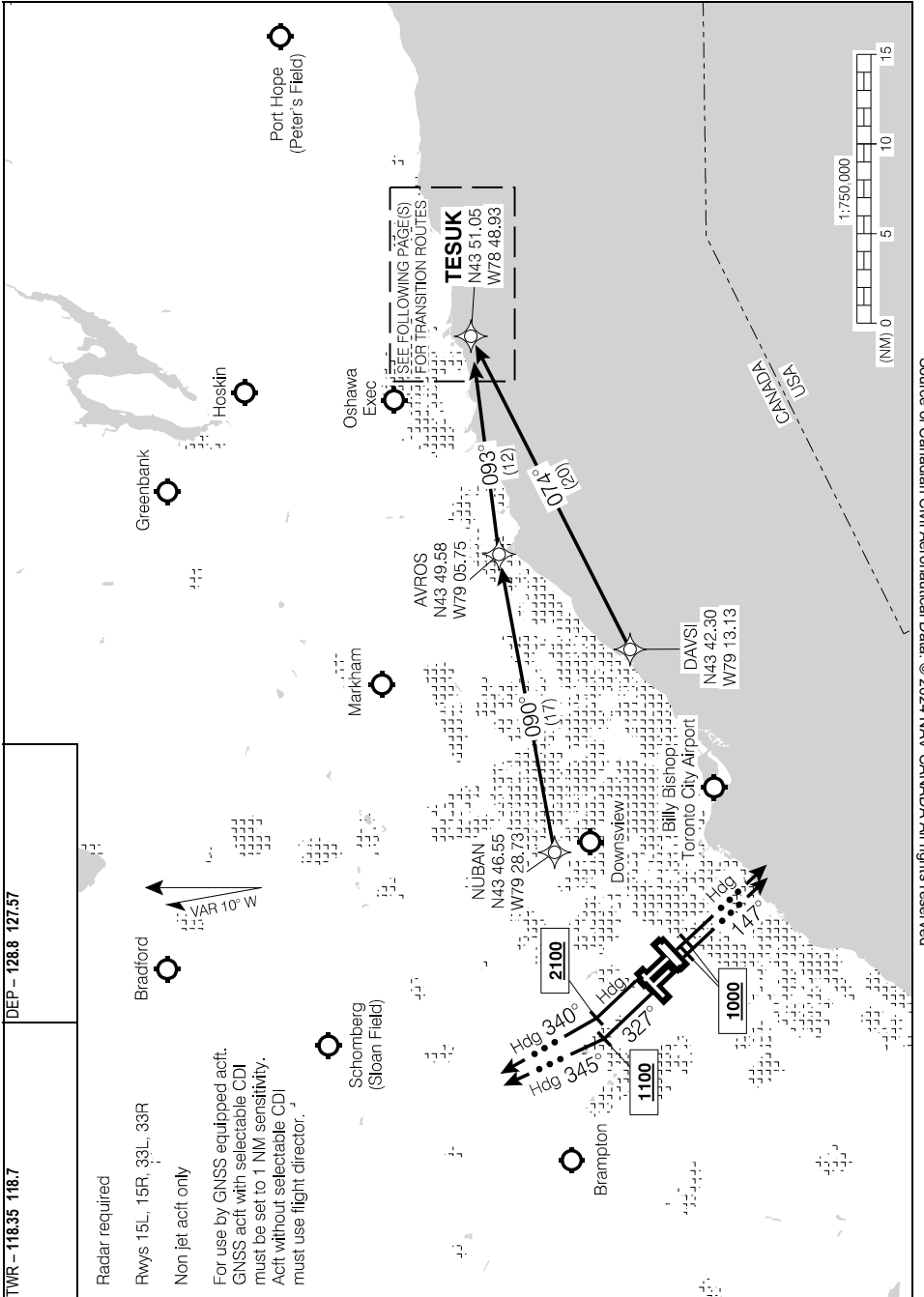
Rwy 05, 06L, 06R, 23, 24L, 24R Departures: Simultaneous parallel departures in use.

BOMET EIGHT DEP (BOMET8.) DEPARTURE ROUTES

CYYZ

BOMET EIGHT DEP (BOMET8.) DEPARTURE ROUTES

CYYZ



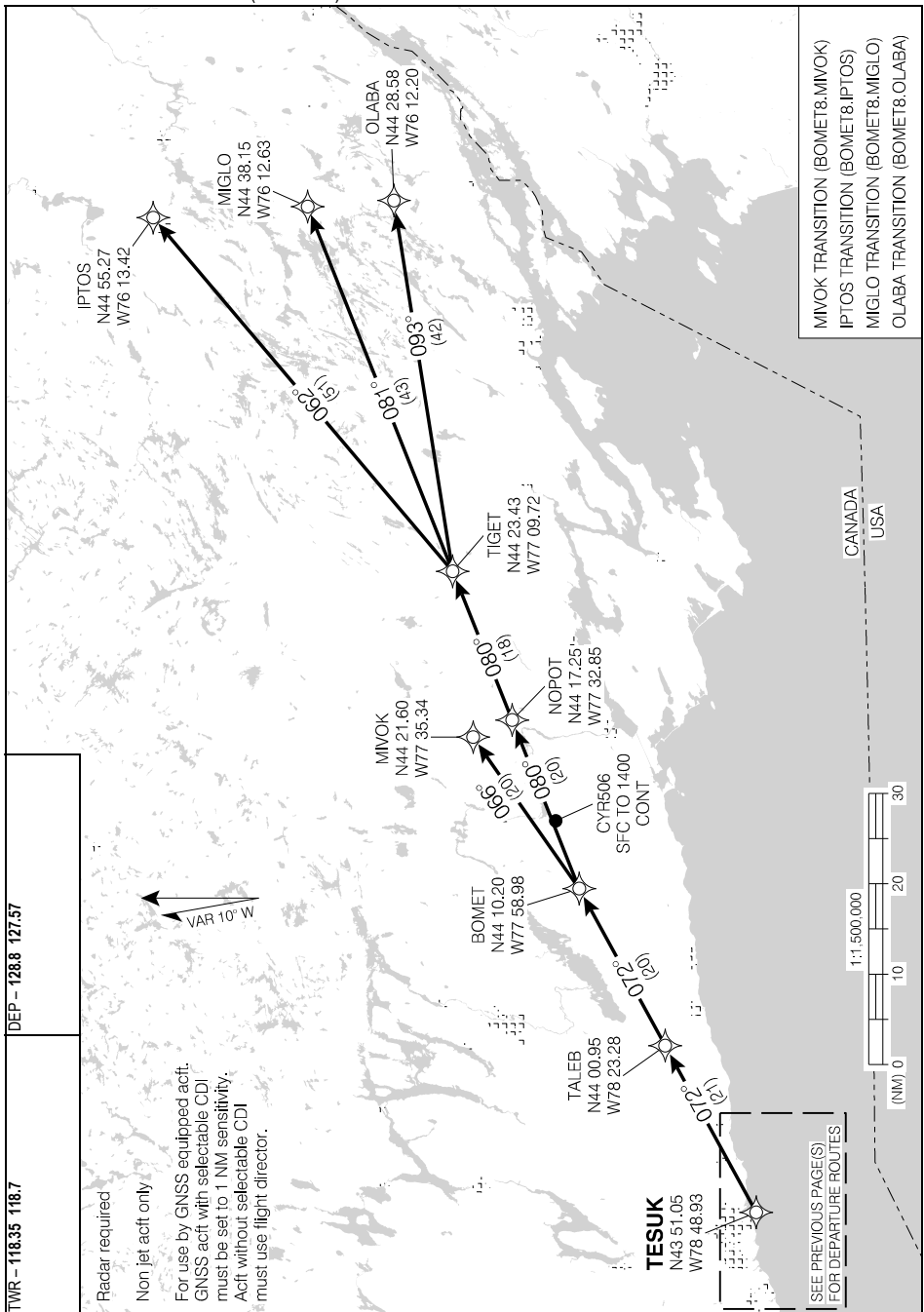
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

BOMET EIGHT DEP (BOMET8.) DEPARTURE ROUTES

CYYZ

BOMET EIGHT DEP (BOMET8.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

BOMET EIGHT DEP (BOMET8.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **5000**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing **LEFT** turn hdg **047°** or as assigned. Expect radar vectors to **ALKUT** (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **ALKUT** (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **ALKUT** (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **ALKUT** (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **ALKUT** (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing **RIGHT** turn hdg **245°** or as assigned. Expect radar vectors to **SAVUR** (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **SAVUR** (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **SAVUR** (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing **RIGHT** turn hdg **345°** or as assigned. Expect radar vectors to **VIVET** (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing **RIGHT** turn hdg **340°** or as assigned. Expect radar vectors to **VIVET** (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

- MIGLO TRANSITION:** (DEDKI5.MIGLO)
- OLABA TRANSITION:** (DEDKI5.OLABA)
- RAKAM TRANSITION:** (DEDKI5.RAKAM)
- TULEG TRANSITION:** (DEDKI5.TULEG)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

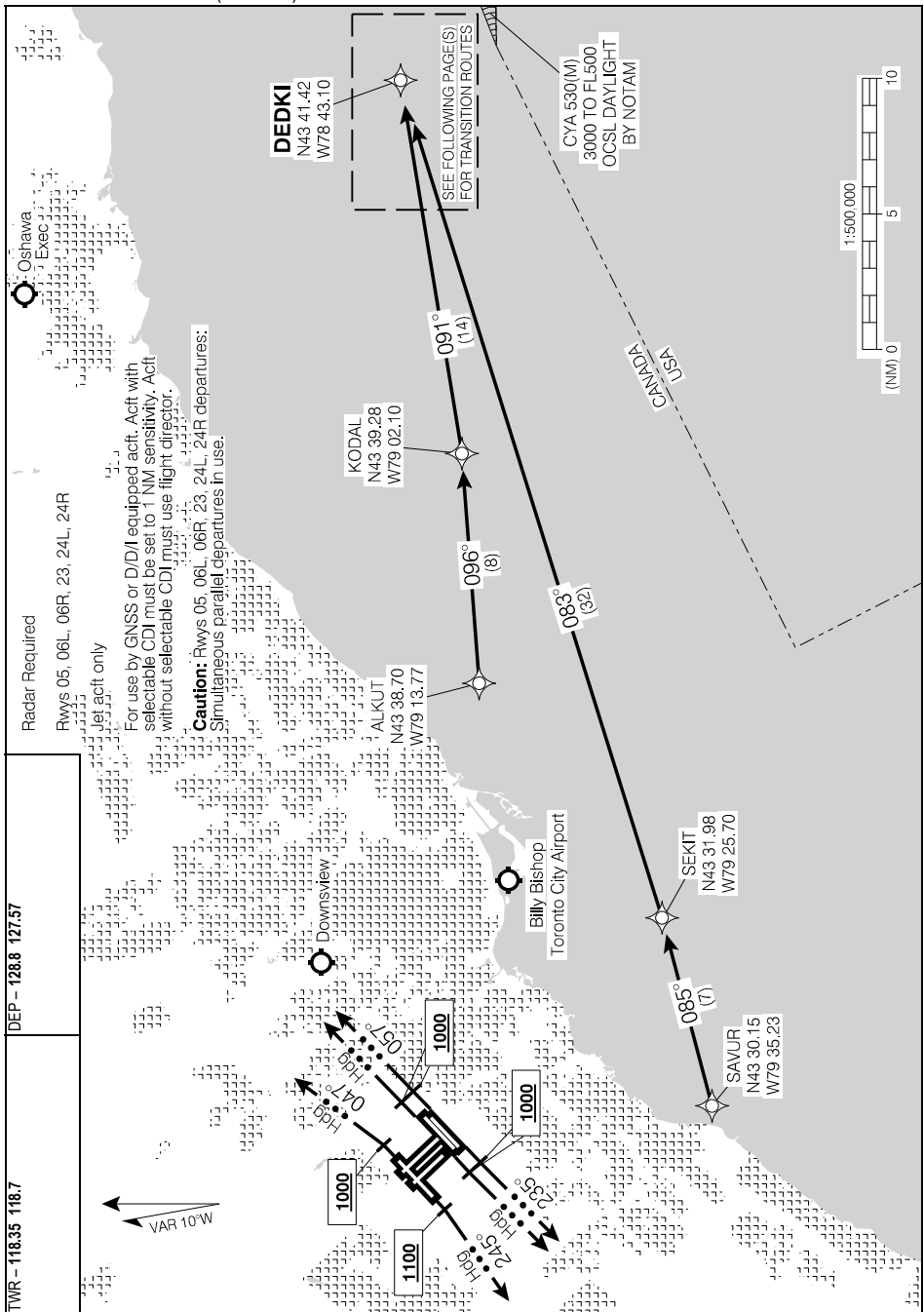
1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

DEDKI FIVE DEP (DEDKI5.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DEDKI FIVE DEP (DEDKI5.) DEPARTURE ROUTES

CYYZ

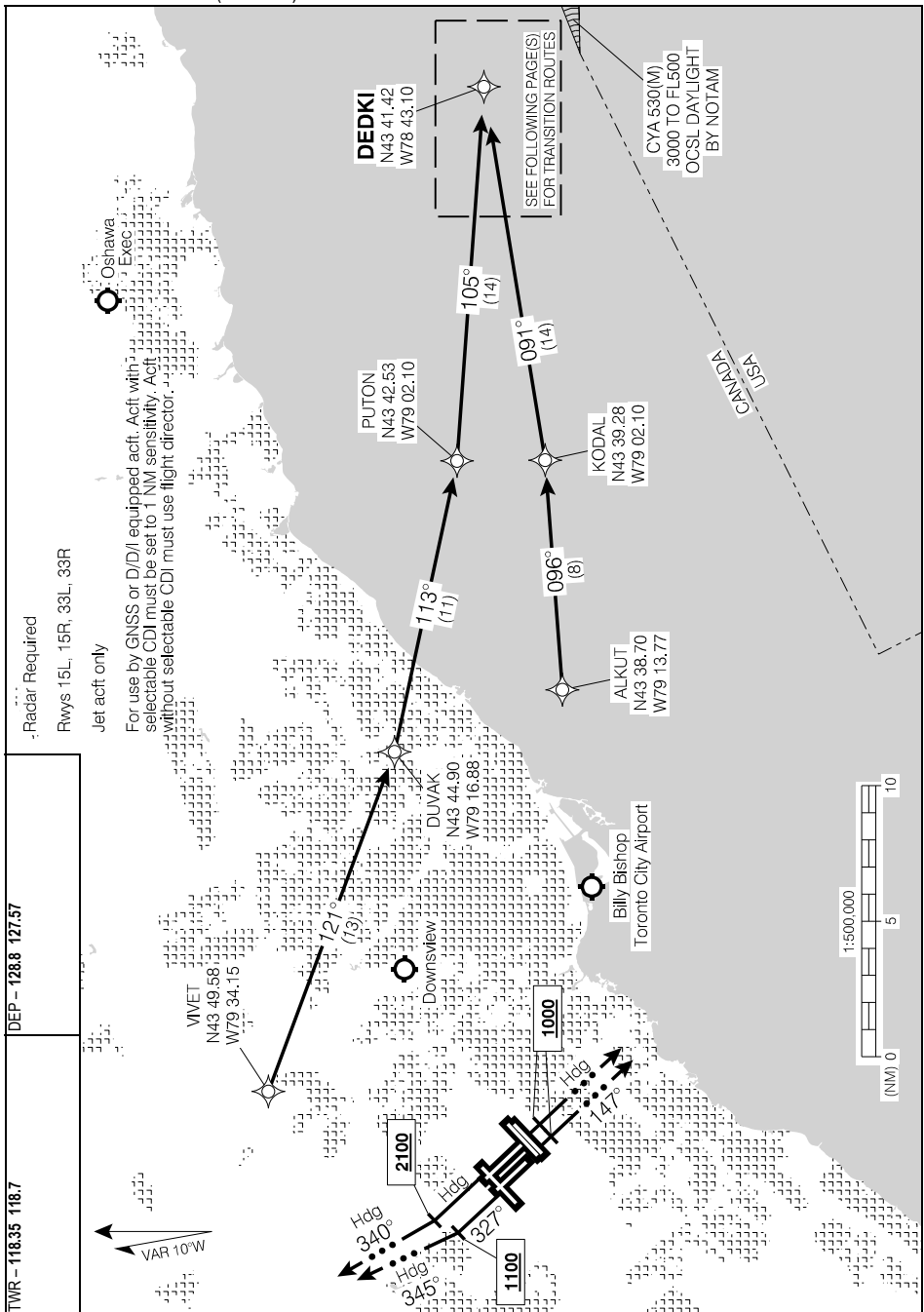
EFF 30 NOV 23

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

DEDKI FIVE DEP (DEDKI5.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DEDKI FIVE DEP (DEDKI5.) DEPARTURE ROUTES

CYYZ

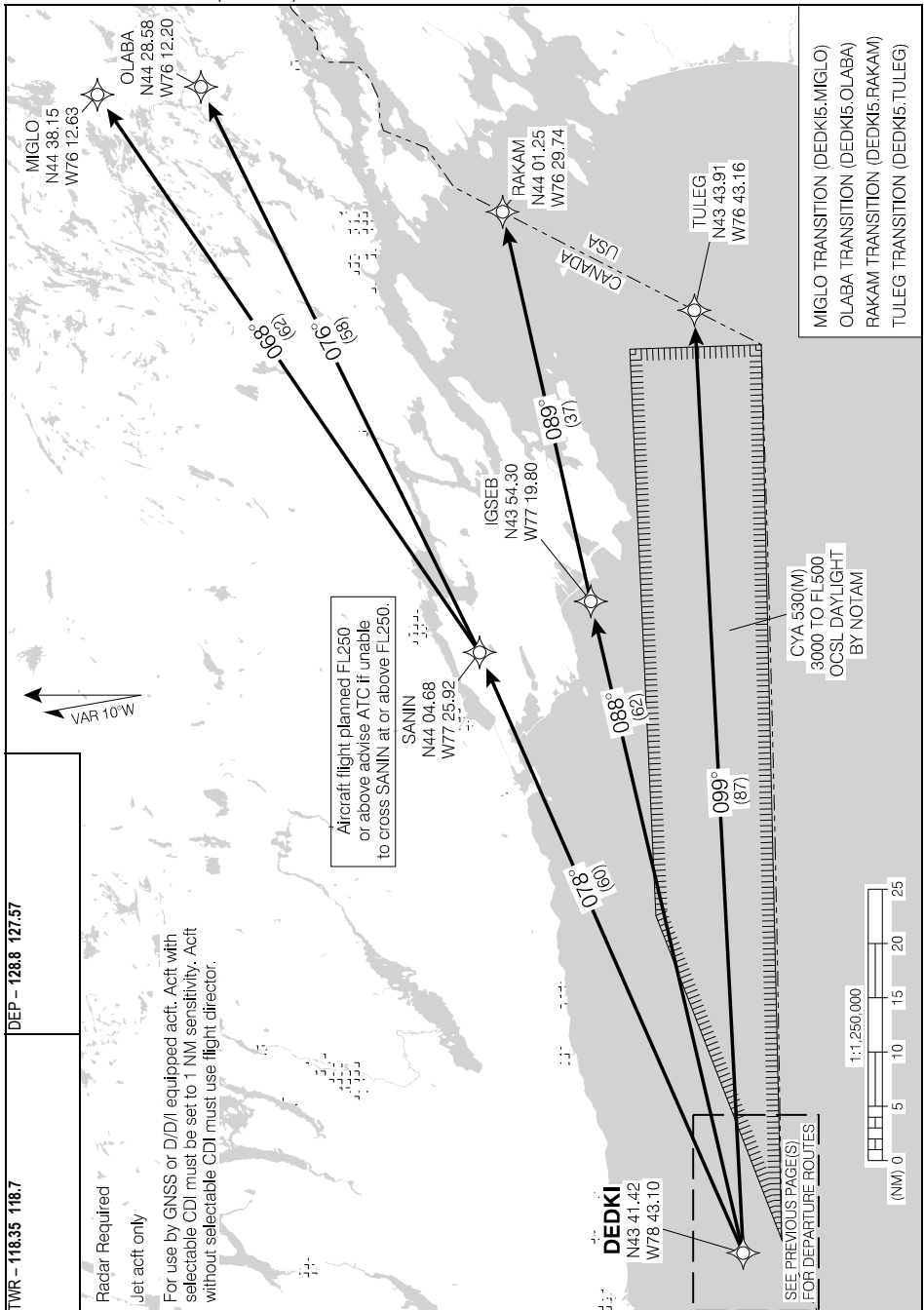
EFF 30 NOV 23

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

DEDKI FIVE DEP (DEDKI5.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DEDKI FIVE DEP (DEDKI5.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to DUSOM (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to DUSOM (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

PHILIPSBURG TRANSITION: (DUSOM3.PSB)

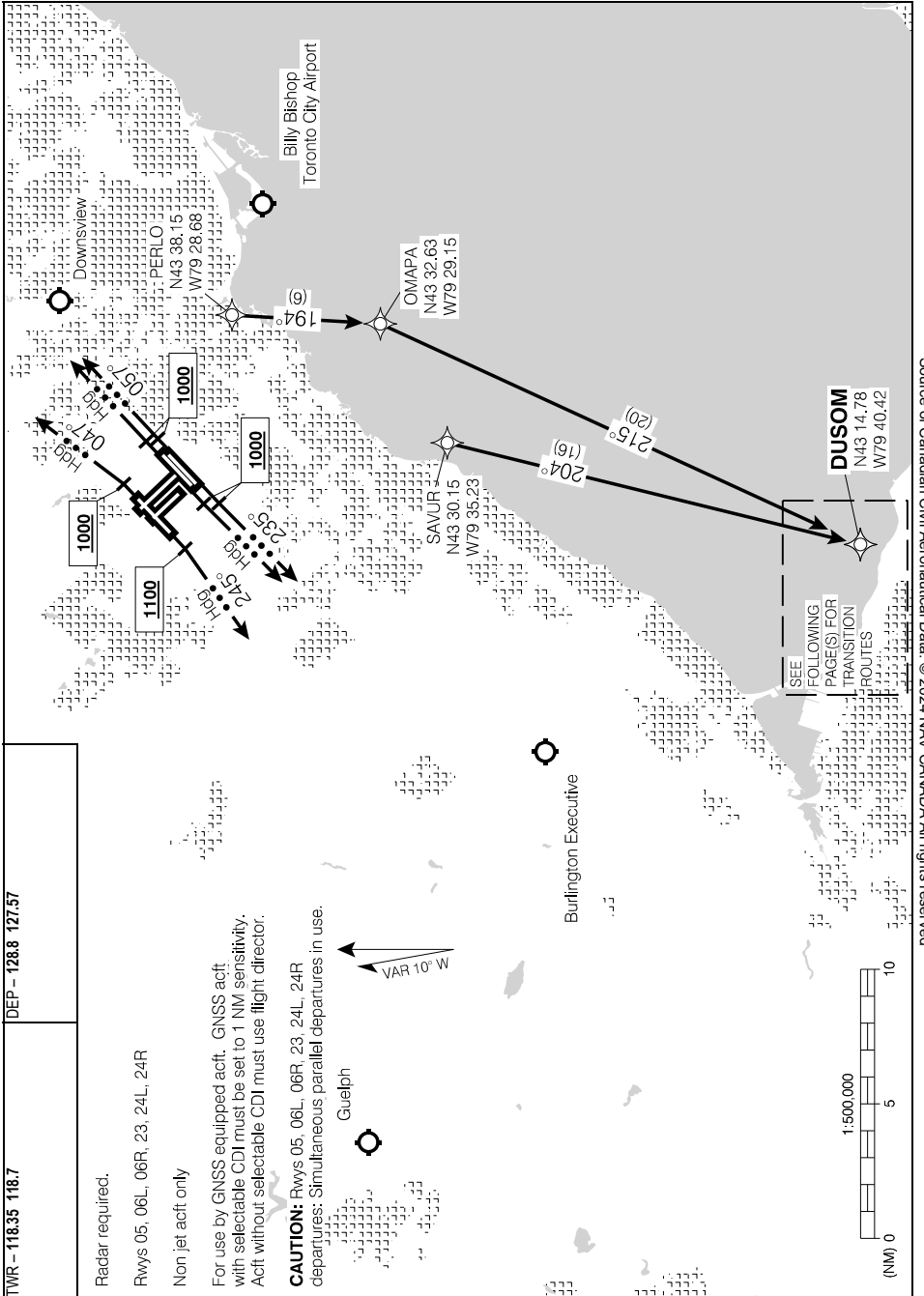
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

DUSOM THREE DEP (DUSOM3.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar required.

Rwys 05, 06L, 06R, 23, 24L, 24R

Non jet acft only

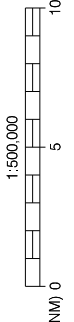
For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director.

CAUTION: Rwys 05, 06L, 06R, 23, 24L, 24R departures: Simultaneous parallel departures in use.



SEE FOLLOWING PAGE(S) FOR TRANSITION ROUTES

DUSOM
 N43 14.78
 W79 40.42



DUSOM THREE DEP (DUSOM3.) DEPARTURE ROUTES

CYYZ

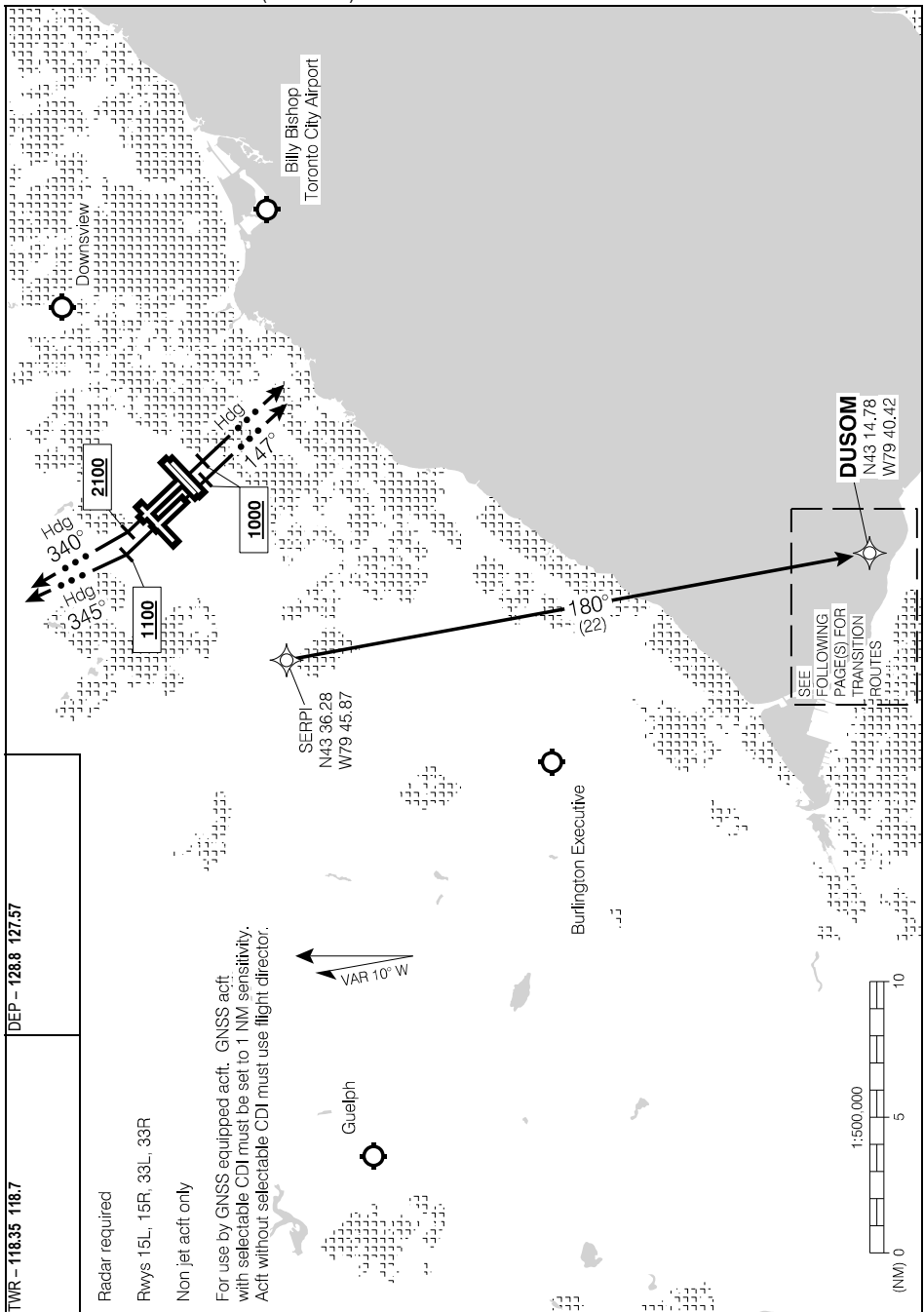
EFF 19 MAY 22

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL. ON

DUSOM THREE DEP (DUSOM3.) DEPARTURE ROUTES

CYYZ



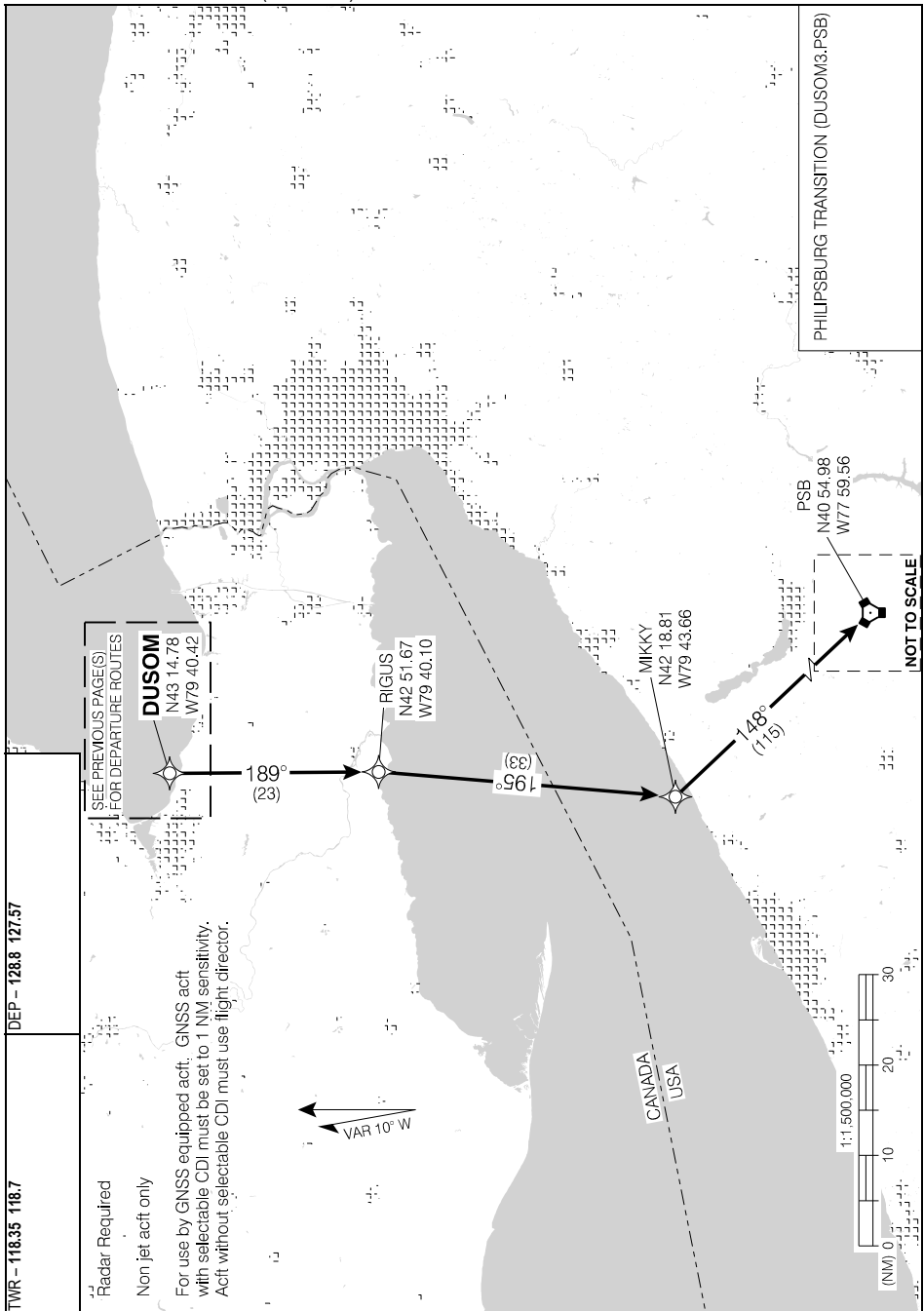
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DUSOM THREE DEP (DUSOM3.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

DUSOM THREE DEP (DUSOM3.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DUSOM THREE DEP (DUSOM3.) TRANSITION ROUTES

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ETLER (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ETLER (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

SILVU TRANSITION: (EBKIN4.SILVU)

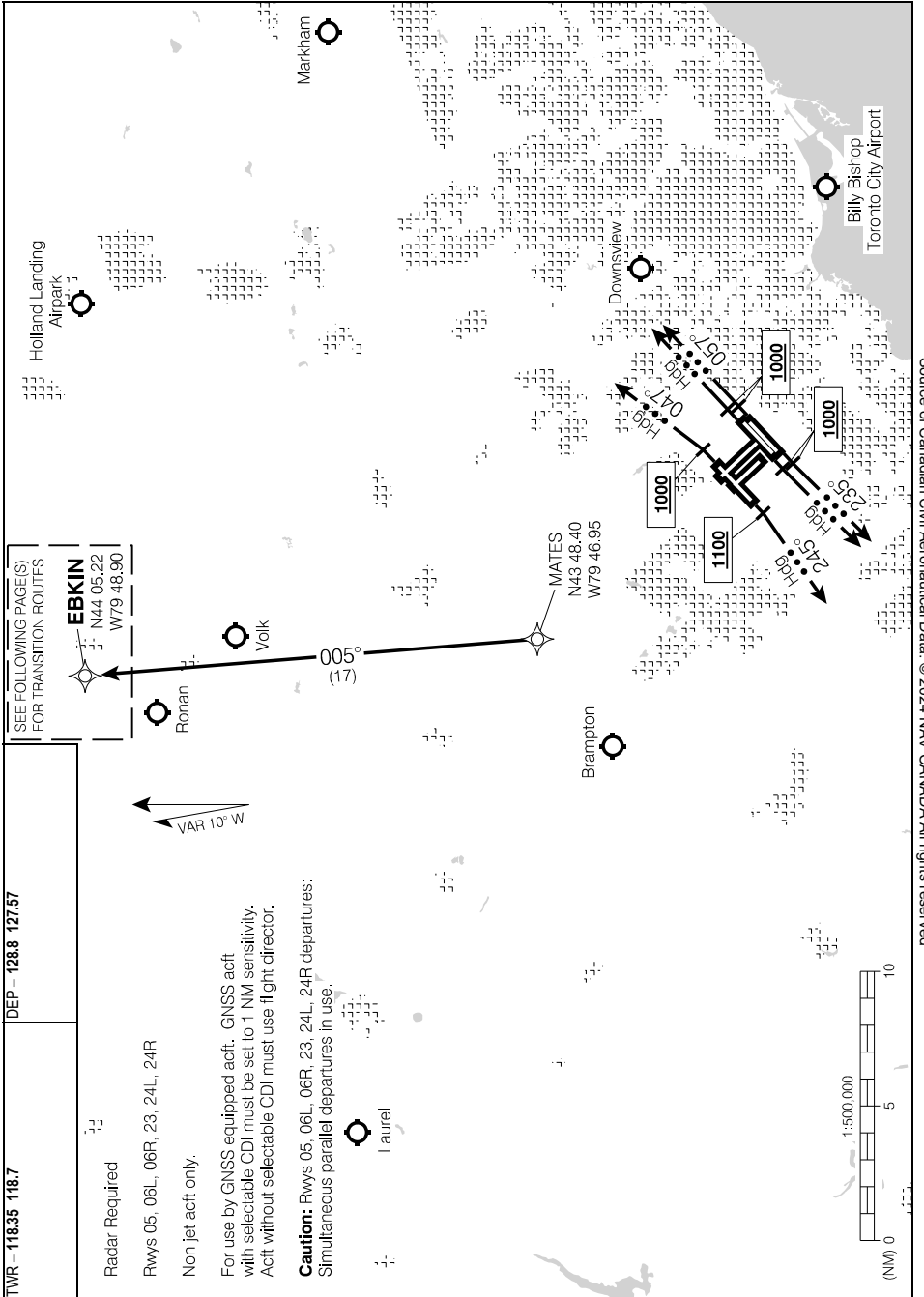
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

EBKIN FOUR DEP (EBKIN4.) DEPARTURE ROUTES

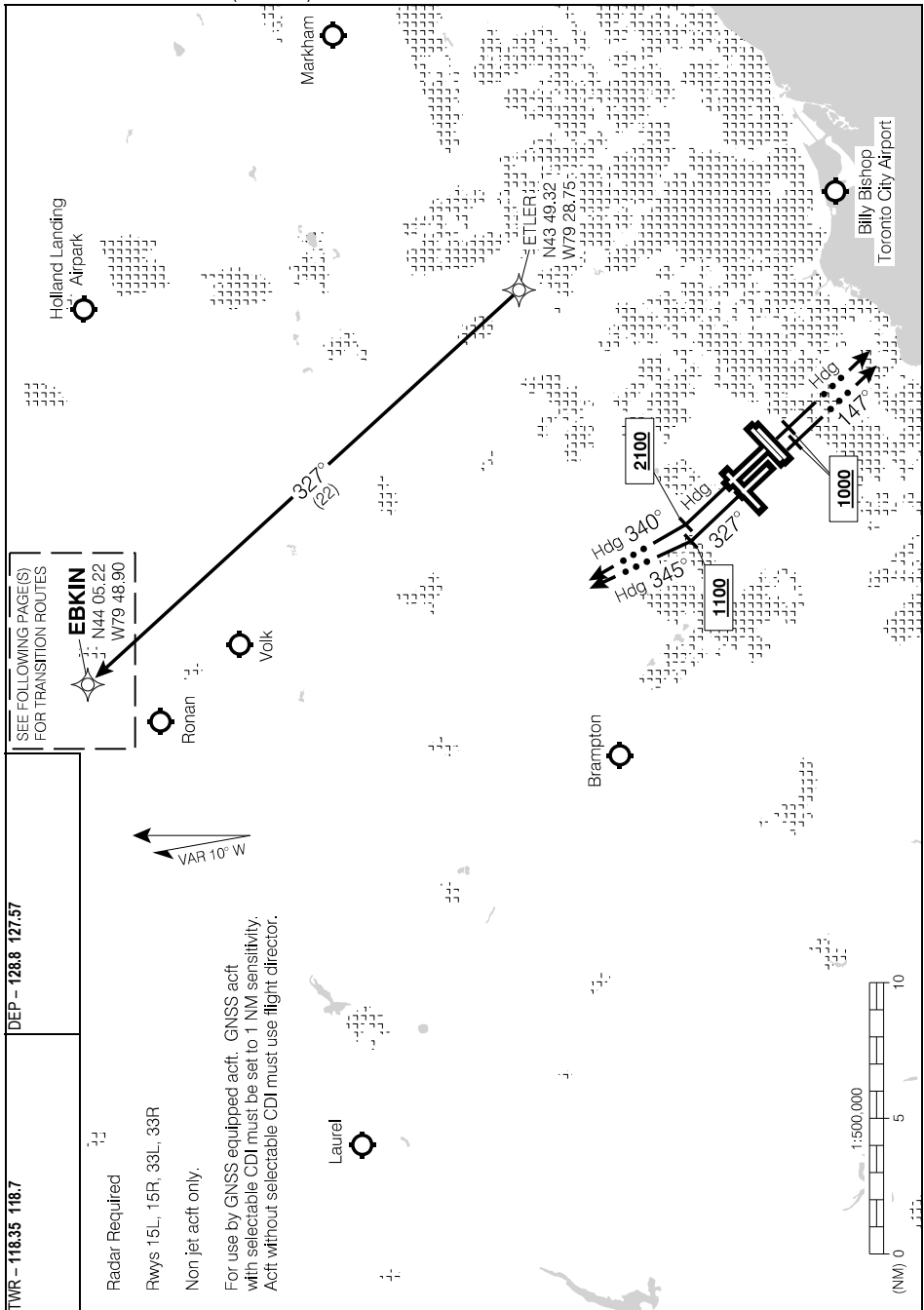
CYYZ



EBKIN FOUR DEP (EBKIN4.) DEPARTURE ROUTES

CYYZ

EBKIN FOUR DEP (EBKIN4.) DEPARTURE ROUTES

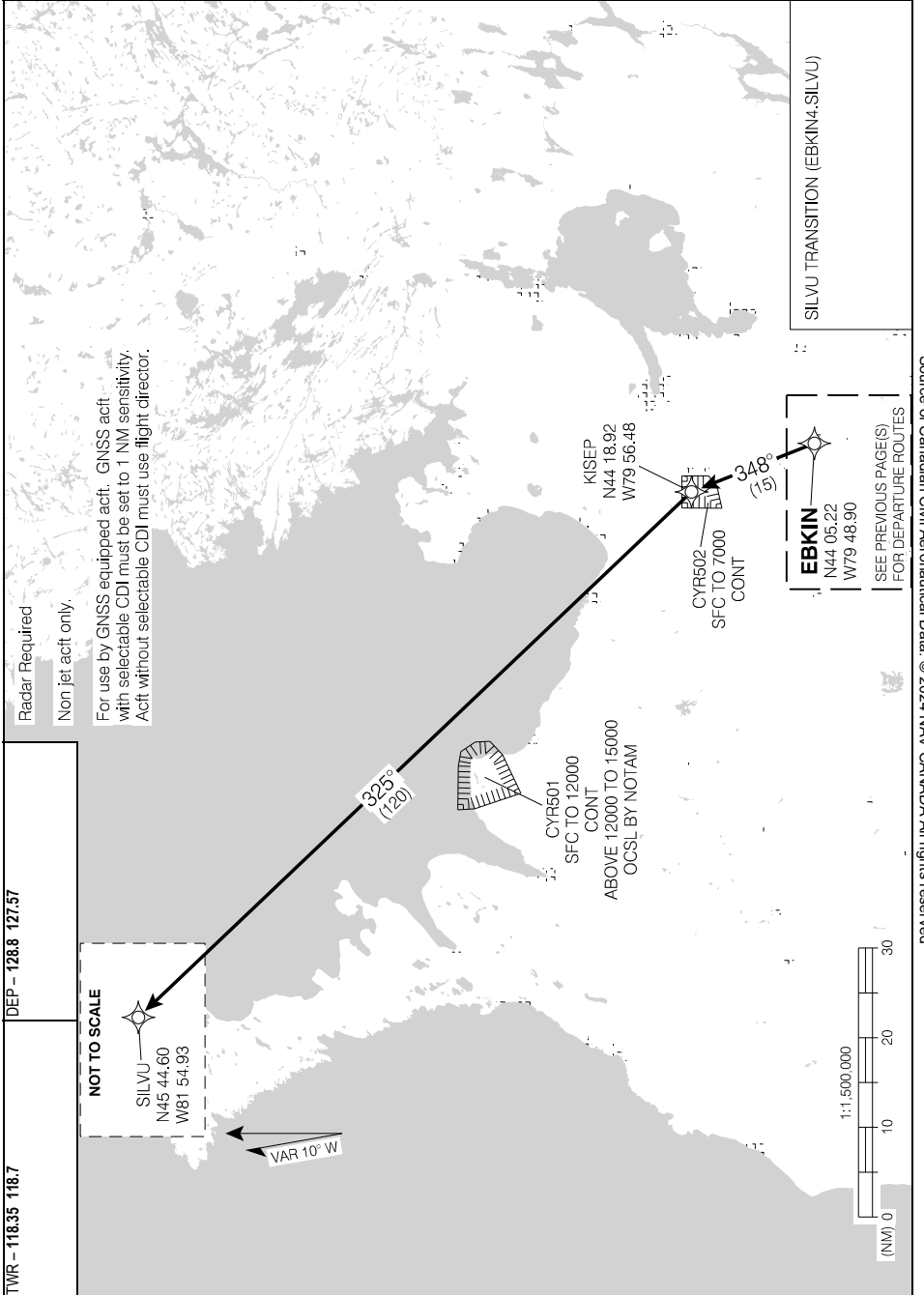


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

EBKIN FOUR DEP (EBKIN4.) DEPARTURE ROUTES

EBKIN FOUR DEP (EBKIN4.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

EBKIN FOUR DEP (EBKIN4.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **5000**.

Rwy 05: Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing **LEFT** turn hdg **047°** or as assigned. Expect radar vectors to **KEDSI** (or as assigned) then proceed via depicted route.

Rwy 06L: Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **KEDSI** (or as assigned) then proceed via depicted route.

Rwy 06R: Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **KEDSI** (or as assigned) then proceed via depicted route.

Rwy 15L: Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **BOVAL** (or as assigned) then proceed via depicted route.

Rwy 15R: Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **BOVAL** (or as assigned) then proceed via depicted route.

Rwy 23: Depart rwy 23, climb hdg **237° to 1100**. Climbing **RIGHT** turn hdg **245°** or as assigned. Expect radar vectors to **TILAM** (or as assigned) then proceed via depicted route.

Rwy 24L: Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **TILAM** (or as assigned) then proceed via depicted route.

Rwy 24R: Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **TILAM** (or as assigned) then proceed via depicted route.

Rwy 33L: Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing **RIGHT** turn hdg **345°** or as assigned. Expect radar vectors to **TETAD** (or as assigned) then proceed via depicted route.

Rwy 33R: Depart rwy 33R, climb hdg **327° to 2100**. Climbing **RIGHT** turn hdg **340°** or as assigned. Expect radar vectors to **TETAD** (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

SLLAP TRANSITION: (GOPUP4.SLLAP)

HOCKE TRANSITION: (GOPUP4.HOCKE)

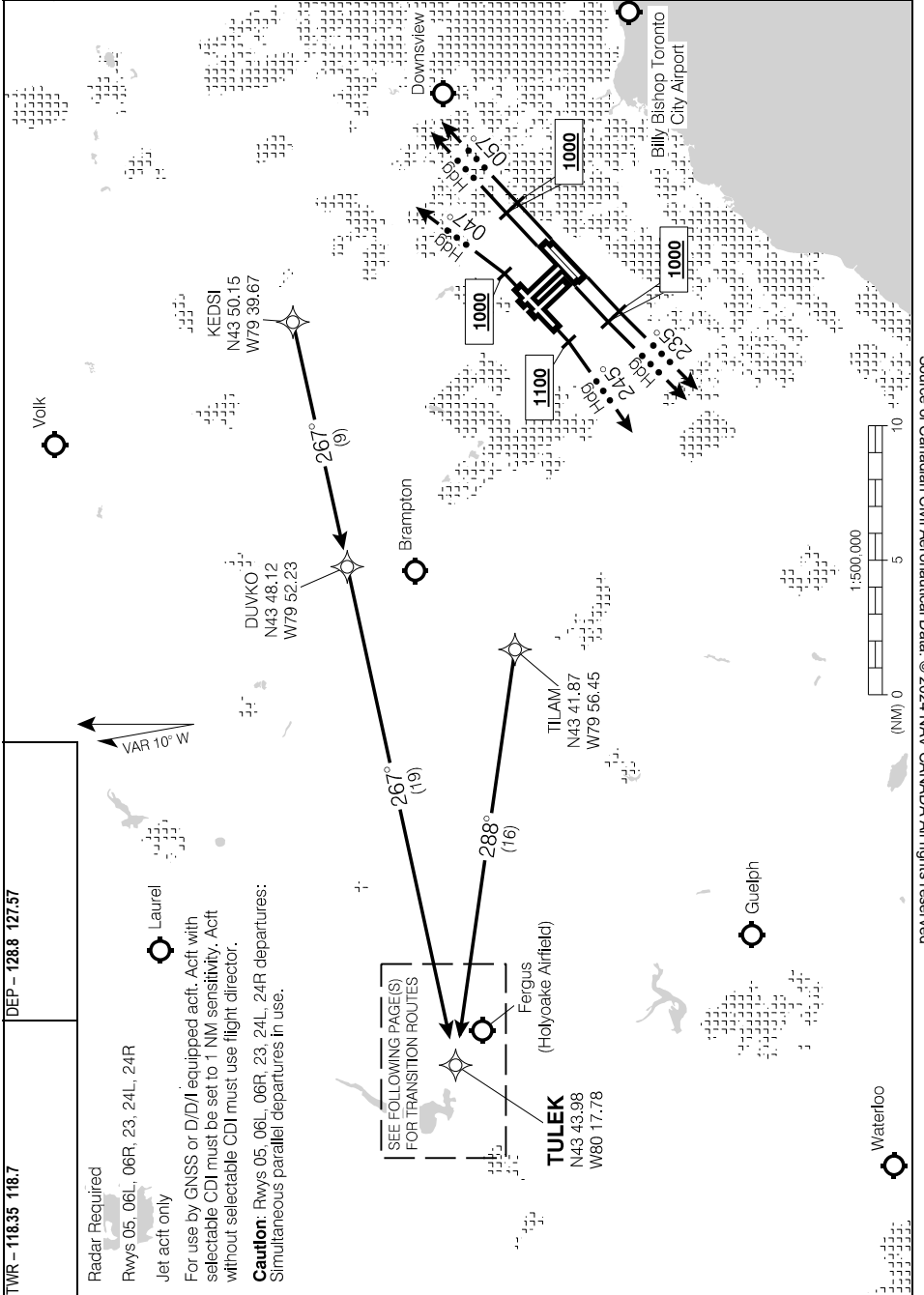
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

GOPUP FOUR DEP (GOPUP4.) DEPARTURE ROUTES

CYYZ

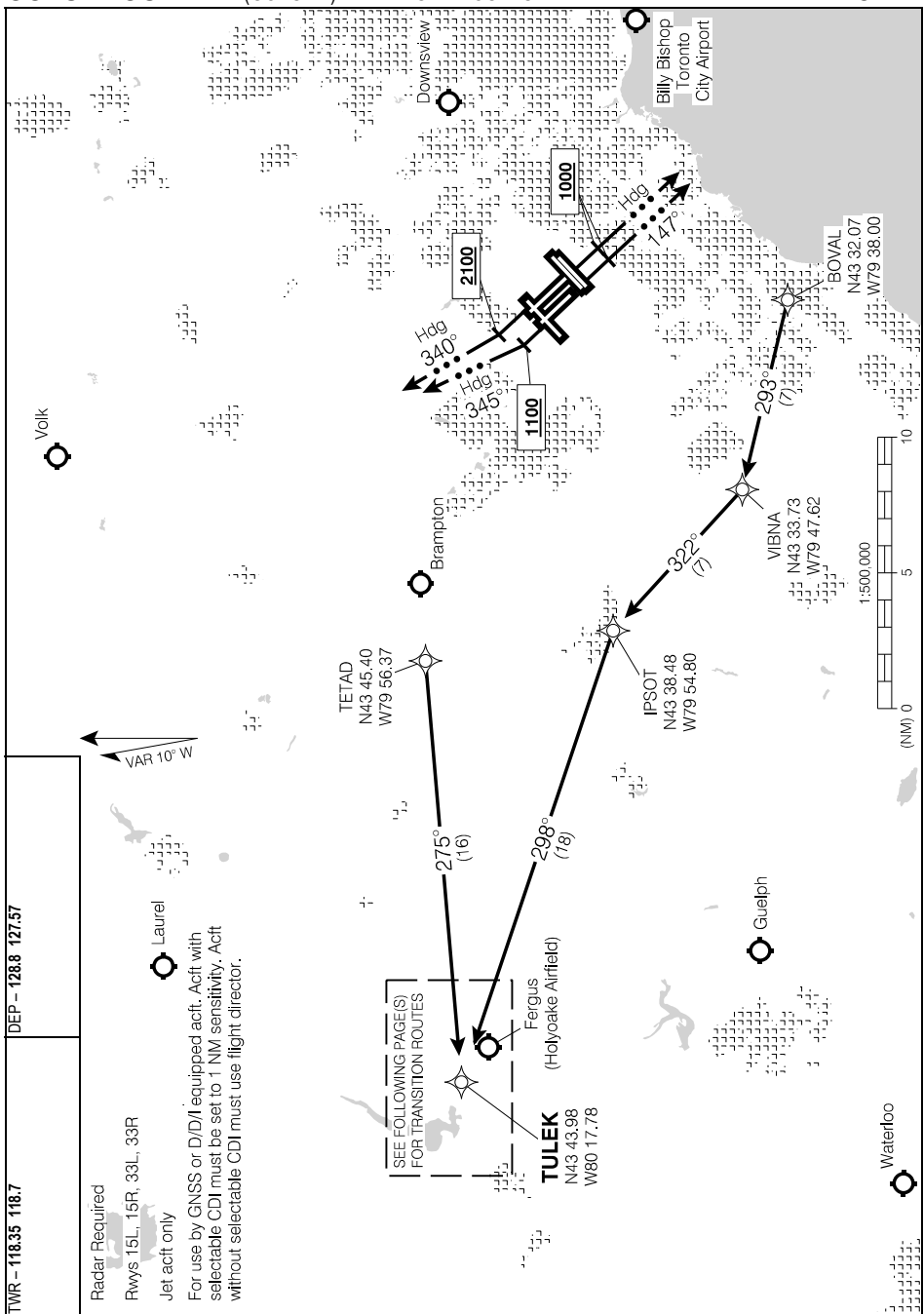


GOPUP FOUR DEP (GOPUP4.) DEPARTURE ROUTES

CYYZ

GOPUP FOUR DEP (GOPUP4.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

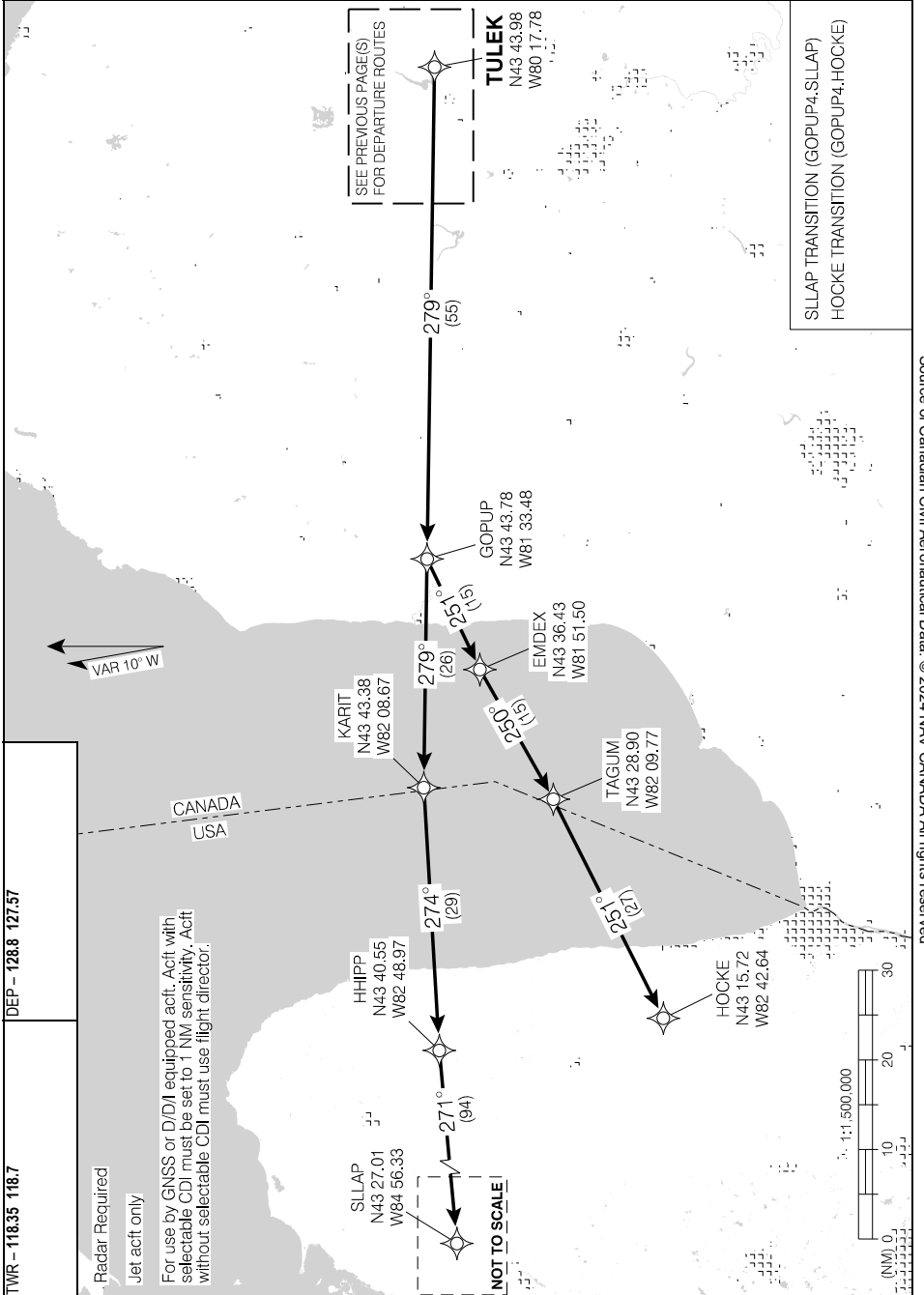
GOPUP FOUR DEP (GOPUP4.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

GOPUP FOUR DEP (GOPUP4.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

GOPUP FOUR DEP (GOPUP4.) TRANSITION ROUTES

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **5000**.

- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing **LEFT** turn hdg **047°** or as assigned. Expect radar vectors to **GOTIM** (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **GOTIM** (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **GOTIM** (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **BORUX** (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **BORUX** (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing **RIGHT** turn hdg **245°** or as assigned. Expect radar vectors to **BISTI** (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **BISTI** (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **BISTI** (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing **RIGHT** turn hdg **345°** or as assigned. Expect radar vectors to **IKLEN** (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing **RIGHT** turn hdg **340°** or as assigned. Expect radar vectors to **IKLEN** (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

TONNY TRANSITION: (IKLEN3.TONNY)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

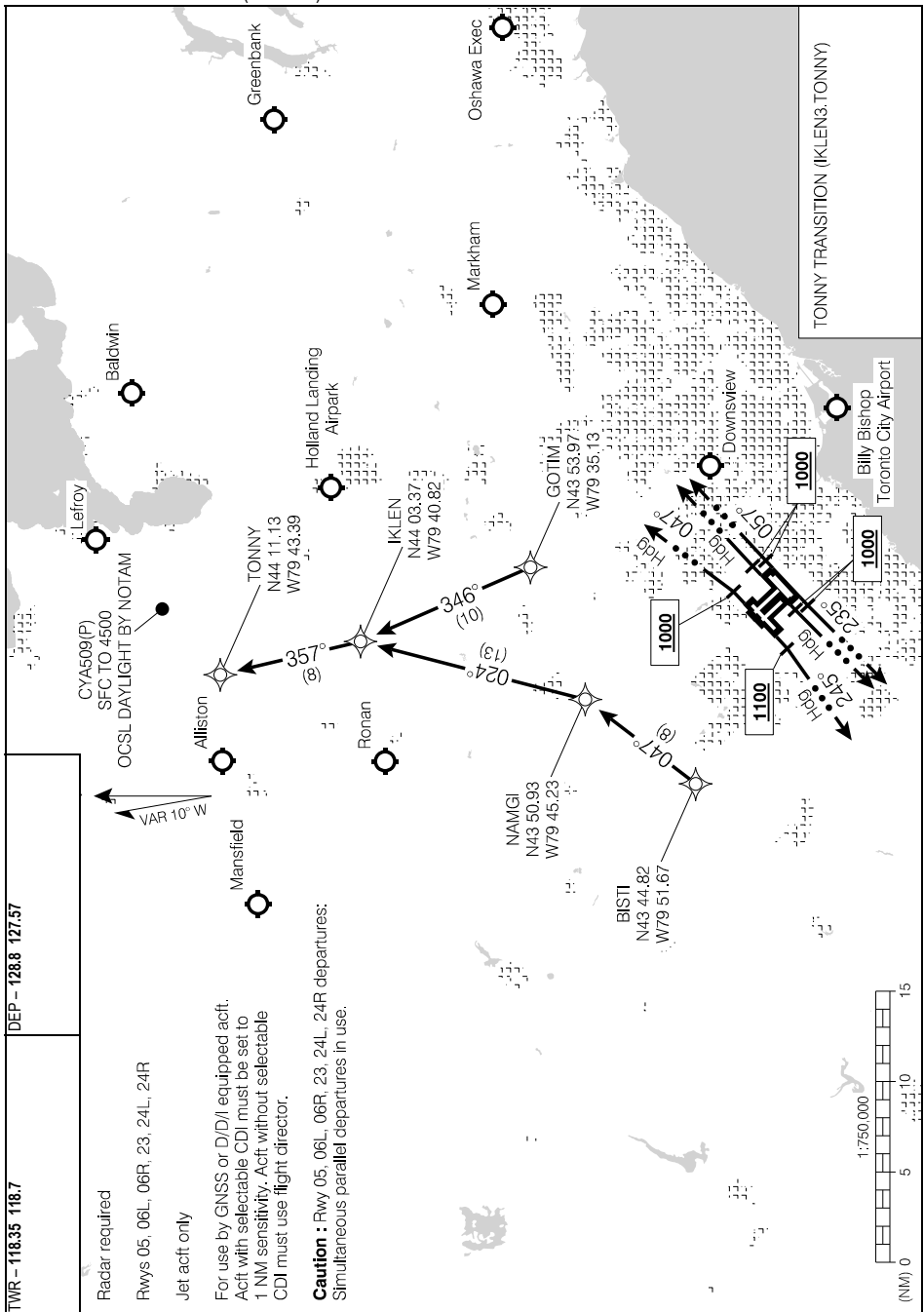
1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

IKLEN THREE DEP (IKLEN3.)

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

IKLEN THREE DEP (IKLEN3.)

CYYZ

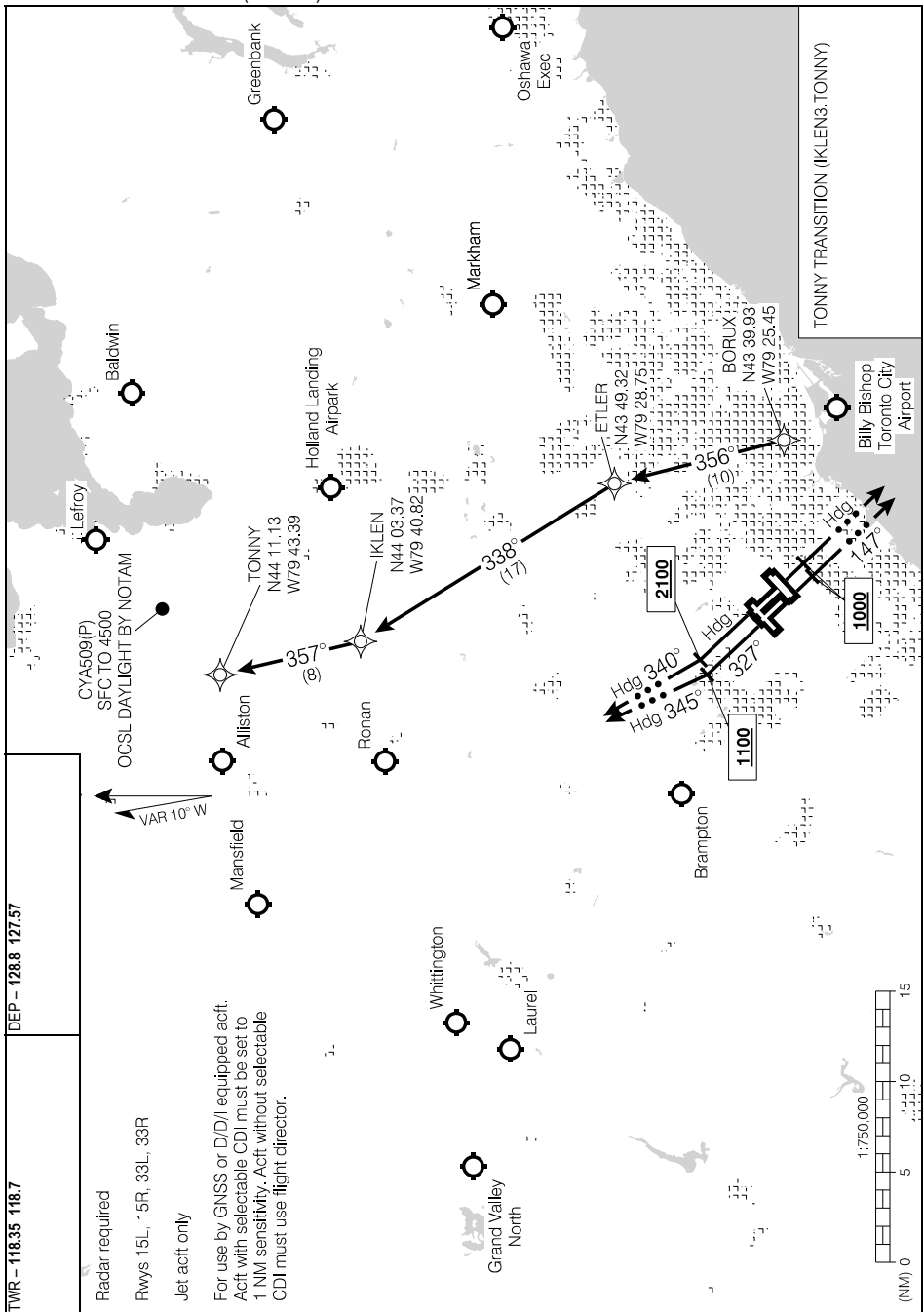
EFF 30 NOV 23

SID (RNAV)

IKLEN THREE DEP (IKLEN3.)

TORONTO/LESTER B. PEARSON INTL, ON

CYYZ



IKLEN THREE DEP (IKLEN3.)

EFF 30 NOV 23

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **5000**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing **LEFT** turn hdg **047°** or as assigned. Expect radar vectors to **MOBEL** (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **MOBEL** (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to **MOBEL** (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **RIKEM** (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to **RIKEM** (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing **RIGHT** turn hdg **245°** or as assigned. Expect radar vectors to **SAVUR** (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **SAVUR** (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing **LEFT** turn hdg **235°** or as assigned. Expect radar vectors to **SAVUR** (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing **RIGHT** turn hdg **345°** or as assigned. Expect radar vectors to **VIVET** (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing **RIGHT** turn hdg **340°** or as assigned. Expect radar vectors to **VIVET** (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

WOZEE TRANSITION: (KEPTA3.WOZEE)
BMPAH TRANSITION: (KEPTA3.BMPAH)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

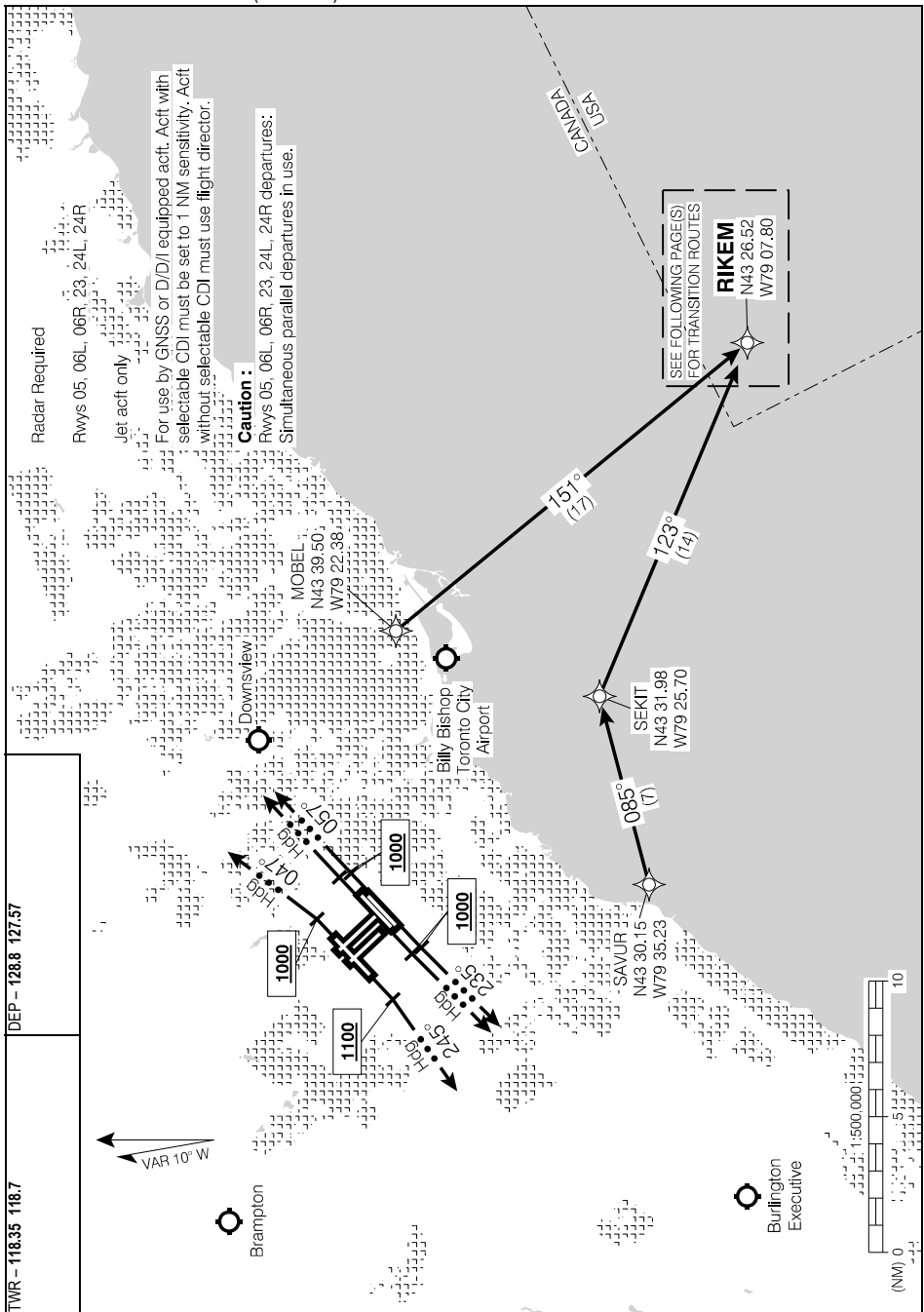
1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

KEPTA THREE DEP (KEPTA3.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

KEPTA THREE DEP (KEPTA3.) DEPARTURE ROUTES

CYYZ

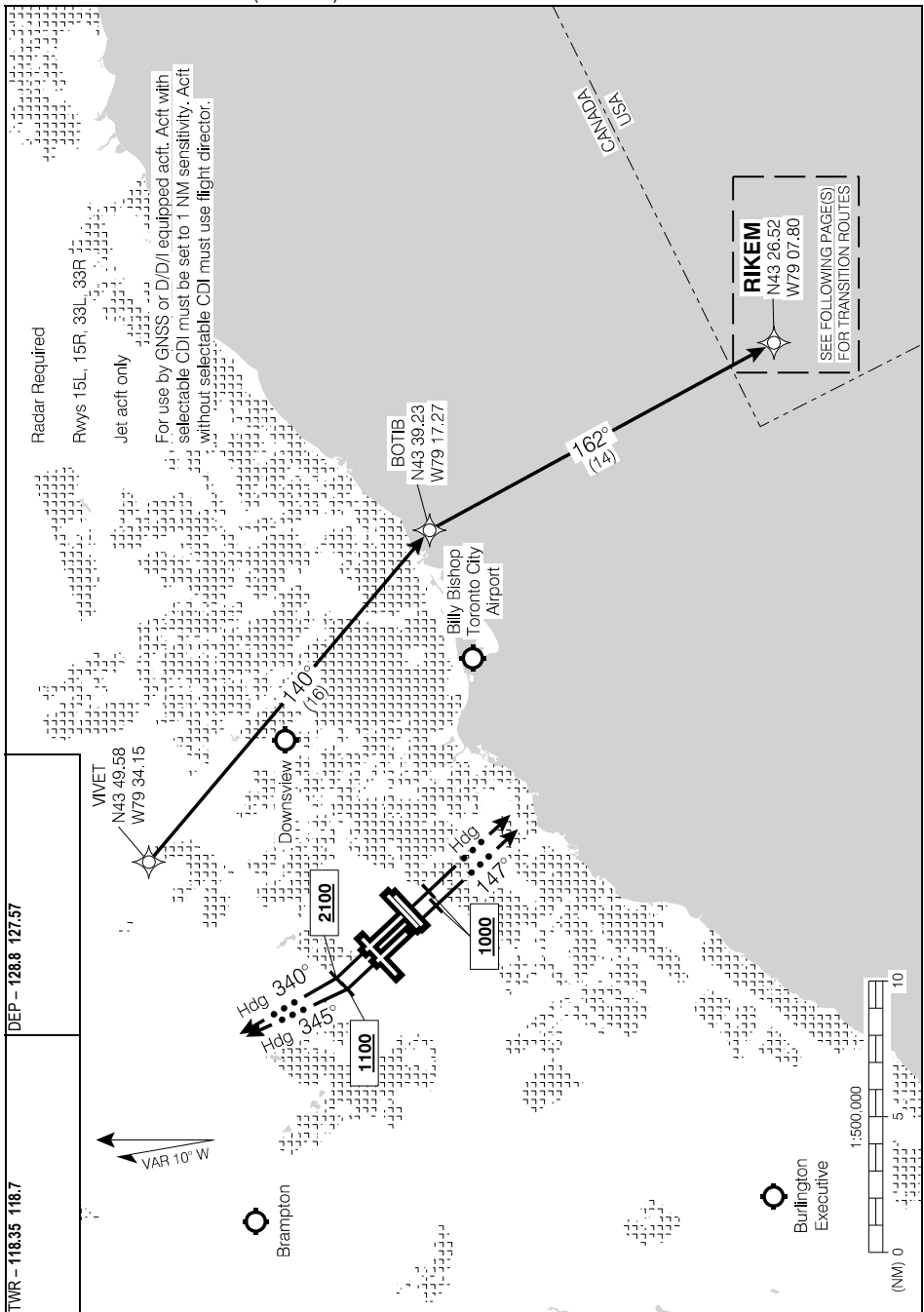
EFF 30 NOV 23

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

KEPTA THREE DEP (KEPTA3.) DEPARTURE ROUTES

CYYZ



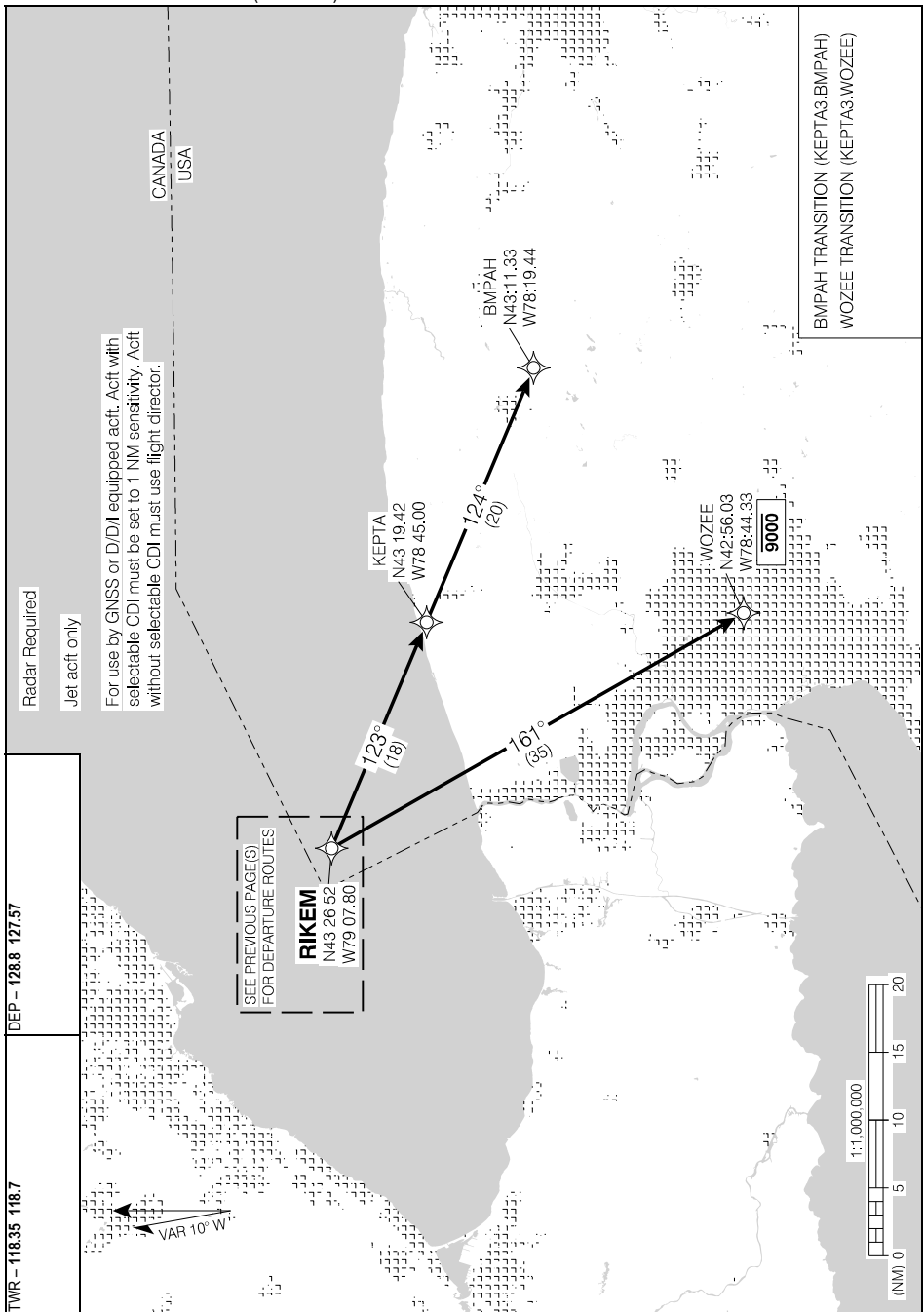
KEPTA THREE DEP (KEPTA3.) DEPARTURE ROUTES

CYYZ

EFF 30 NOV 23

KEPTA THREE DEP (KEPTA3.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

KEPTA THREE DEP (KEPTA3.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **5000**.

Rwy 05: Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to GOTIM (or as assigned) then proceed via depicted route.

Rwy 06L: Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to GOTIM (or as assigned) then proceed via depicted route.

Rwy 06R: Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to GOTIM (or as assigned) then proceed via depicted route.

Rwy 15L: Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BORUX (or as assigned) then proceed via depicted route.

Rwy 15R: Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BORUX (or as assigned) then proceed via depicted route.

Rwy 23: Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to BISTI (or as assigned) then proceed via depicted route.

Rwy 24L: Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to BISTI (or as assigned) then proceed via depicted route.

Rwy 24R: Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to BISTI (or as assigned) then proceed via depicted route.

Rwy 33L: Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.

Rwy 33R: Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to EBKIN (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

SILVU TRANSITION: (KISEP4.SILVU)

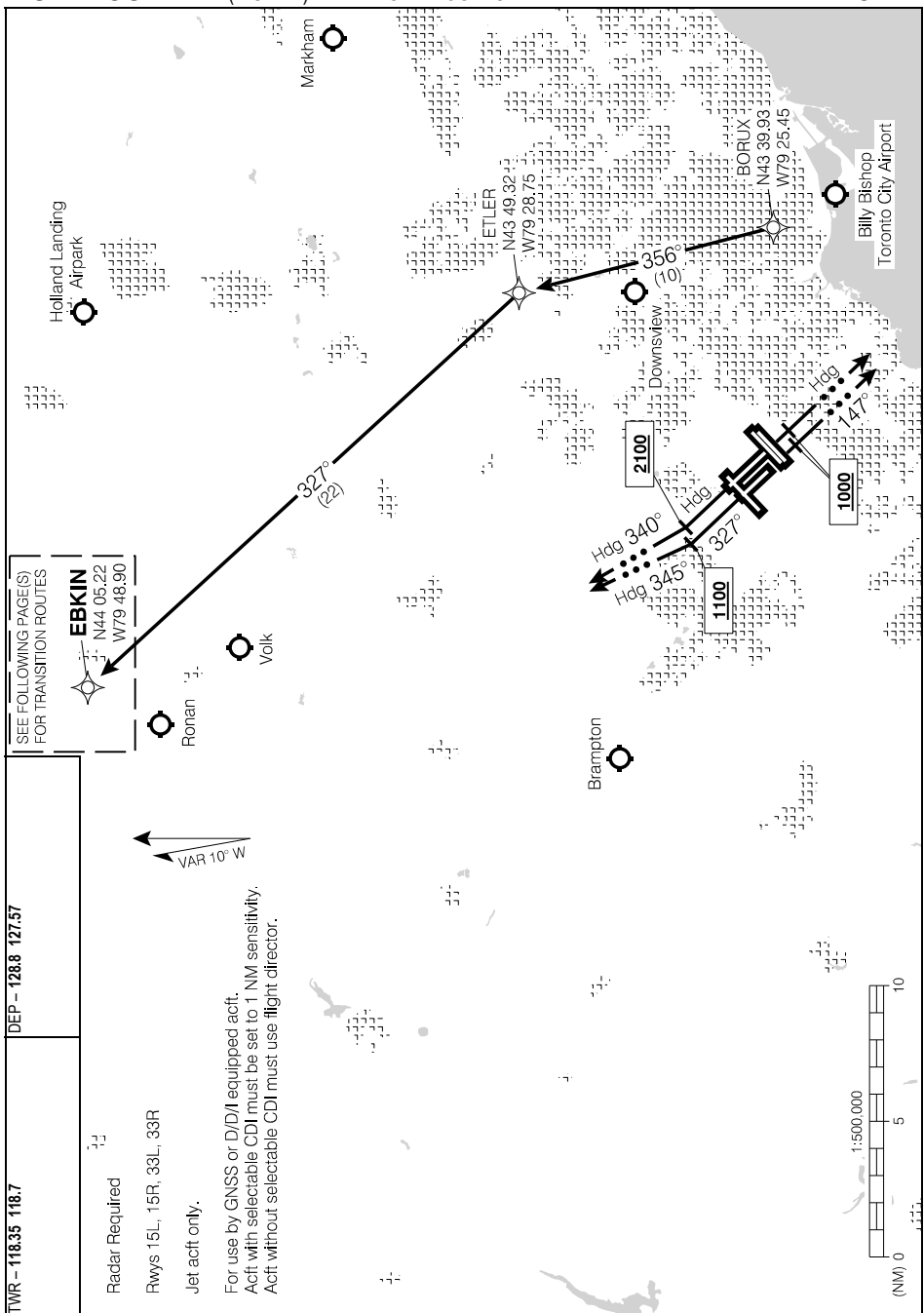
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

KISEP FOUR DEP (KISEP4.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

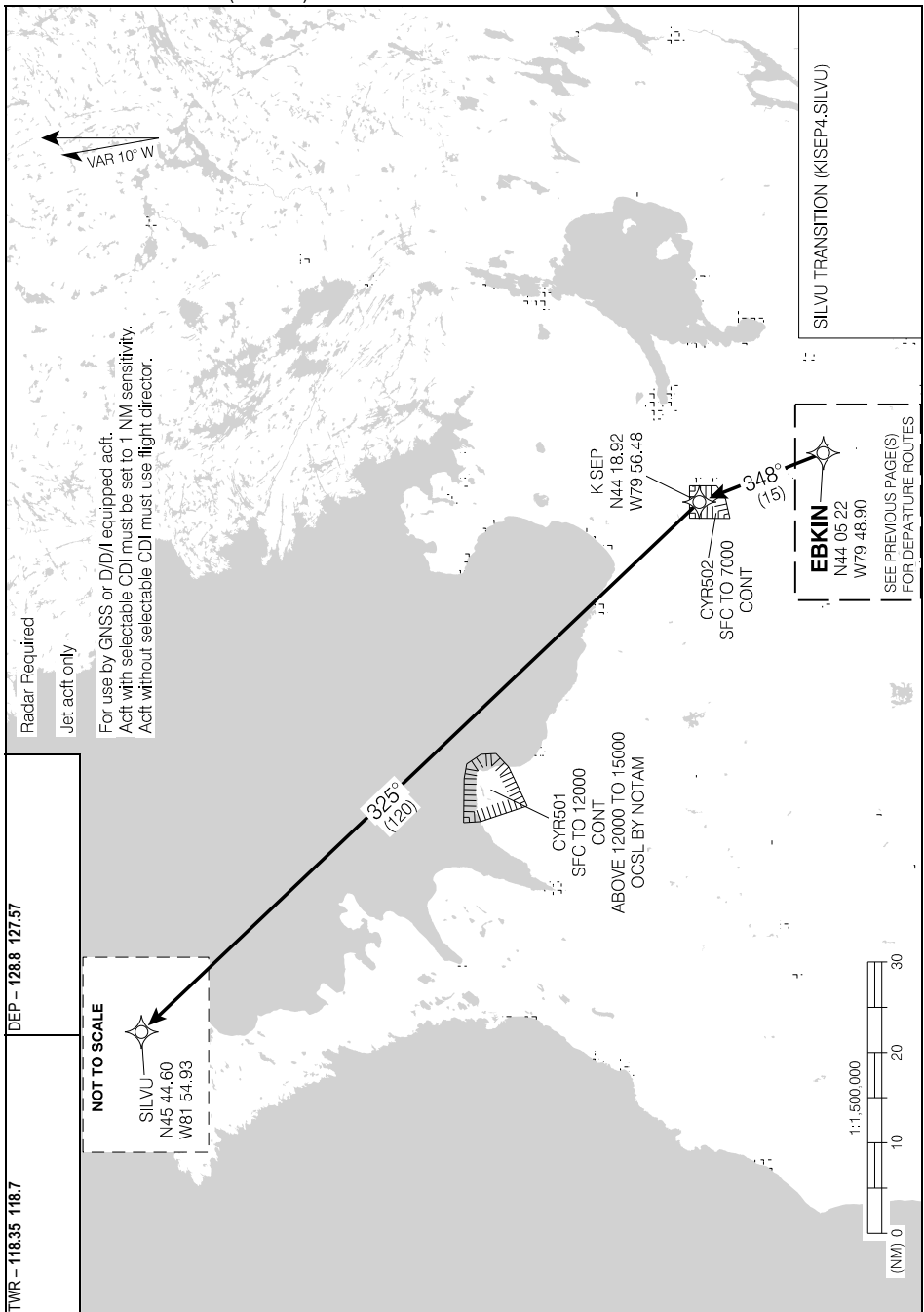
Radar Required
 Rwy's 15L, 15R, 33L, 33R
 Jet acft only.
 For use by GNSS or D/D/I equipped acft.
 Acft with selectable CDI must be set to 1 NM sensitivity.
 Acft without selectable CDI must use flight director.

KISEP FOUR DEP (KISEP4.) DEPARTURE ROUTES

CYYZ

KISEP FOUR DEP (KISEP4.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

KISEP FOUR DEP (KISEP4.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ETLER (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ETLER (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

TANGI TRANSITION: (LAKES4.TANGI)

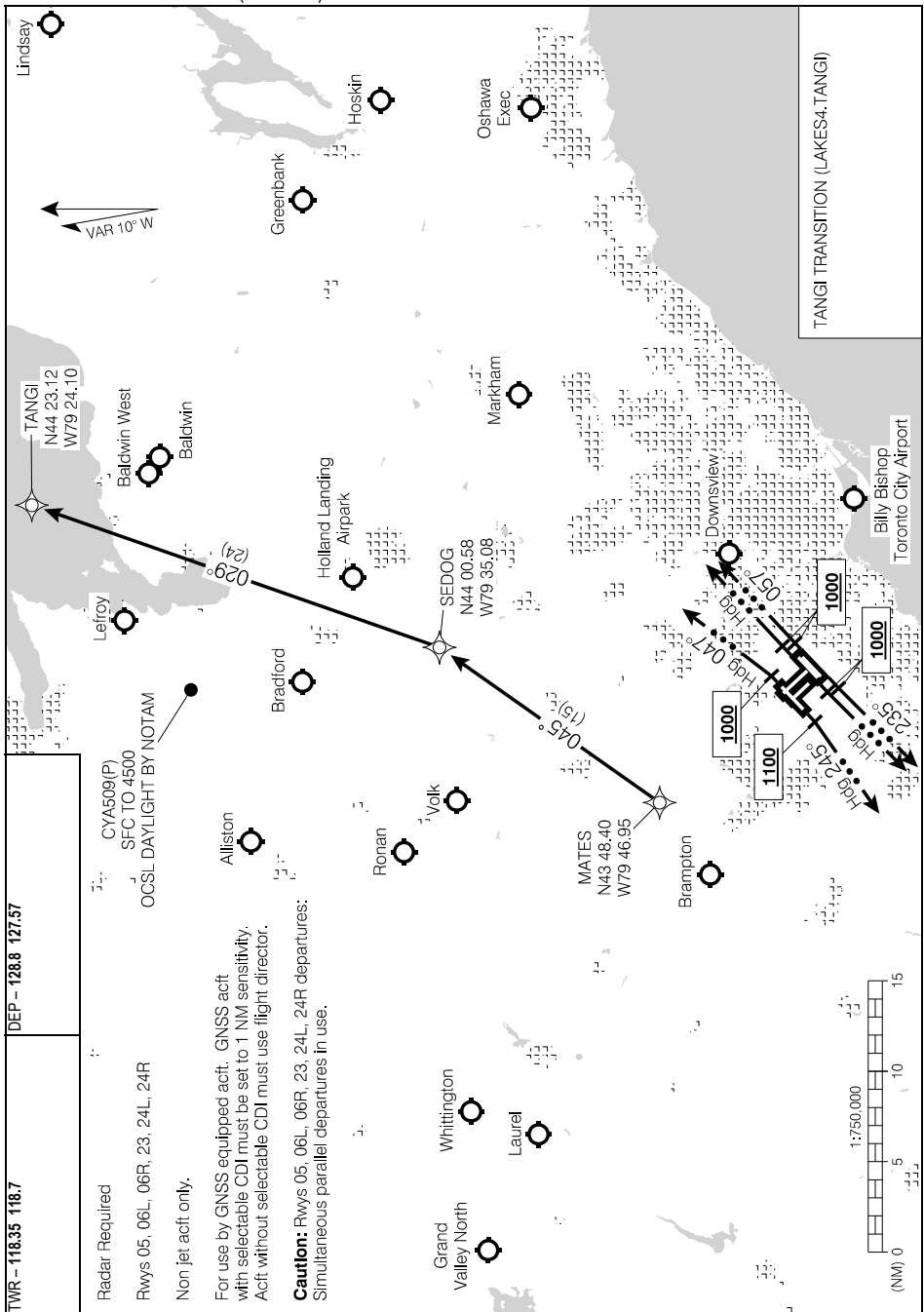
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV) LAKES FOUR DEP (LAKES4.)

TORONTO/LESTER B. PEARSON INTL, ON
CYYZ



LAKES FOUR DEP (LAKES4.)

EFF 30 NOV 23

CYYZ

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

Unless otherwise assigned by ATC:

- All rwys:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to IKLEN (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to IKLEN (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to IKLEN (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ETLER (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ETLER (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MATES (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to IKLEN (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to IKLEN (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

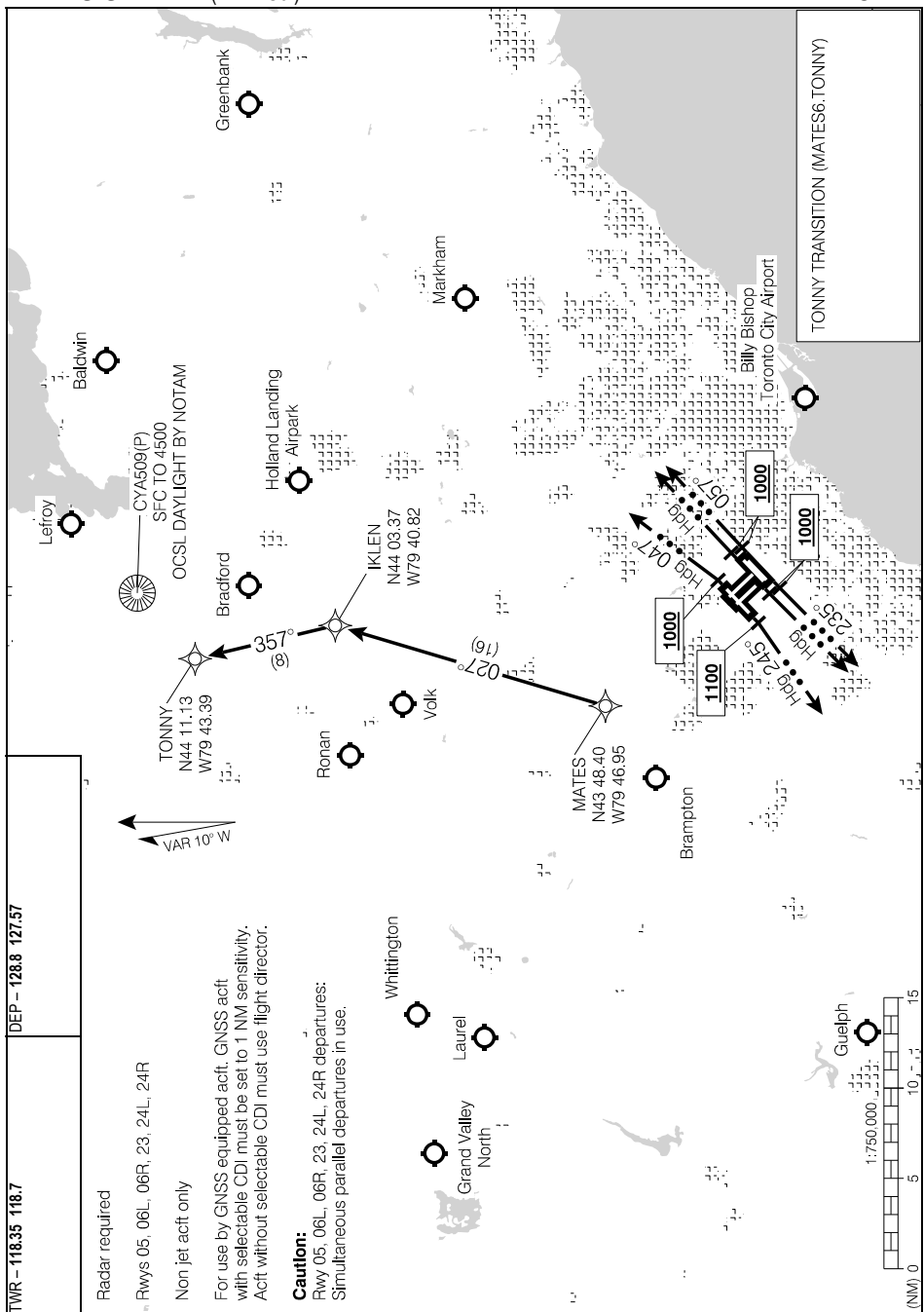
TONNY TRANSITION: (MATES6.TONNY)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)
MATES SIX DEP (MATES6.)



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar required

Rwys 05, 06L, 06R, 23, 24L, 24R

Non jet act only

For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity. Act without selectable CDI must use flight director.

Caution:

Rwy 05, 06L, 06R, 23, 24L, 24R departures: Simultaneous parallel departures in use.

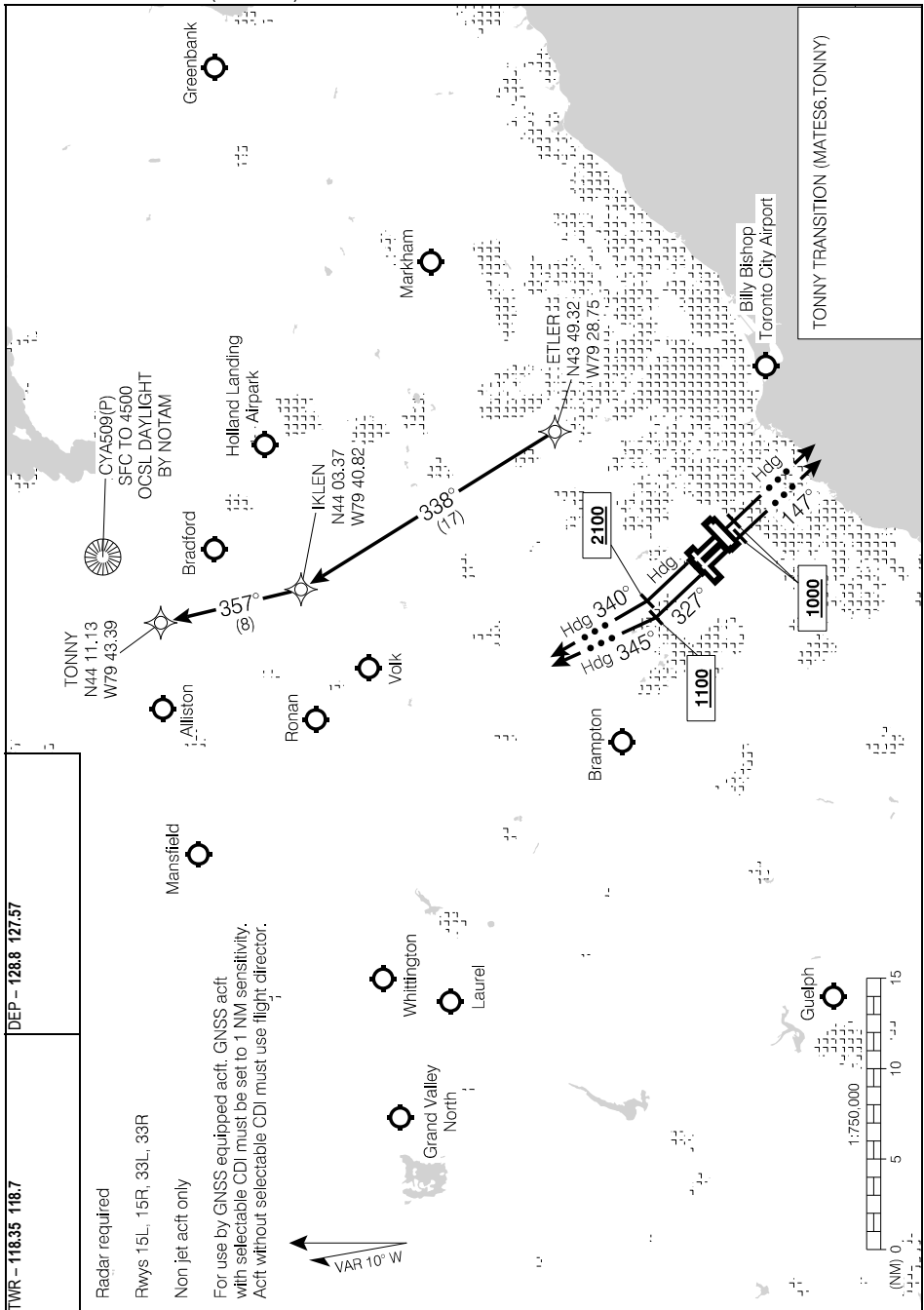
MATES SIX DEP (MATES6.)

EFF 30 NOV 23

CYYZ

MATES SIX DEP (MATES6.)

CYYZ



MATES SIX DEP (MATES6.)

CYYZ

EFF 30 NOV 23

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to RIKEM (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to RIKEM (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to NUBAN (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to NUBAN (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

BMPAH TRANSITION: (MAVAN3.BMPAH)
WOZEE TRANSITION: (MAVAN3.WOZEE)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

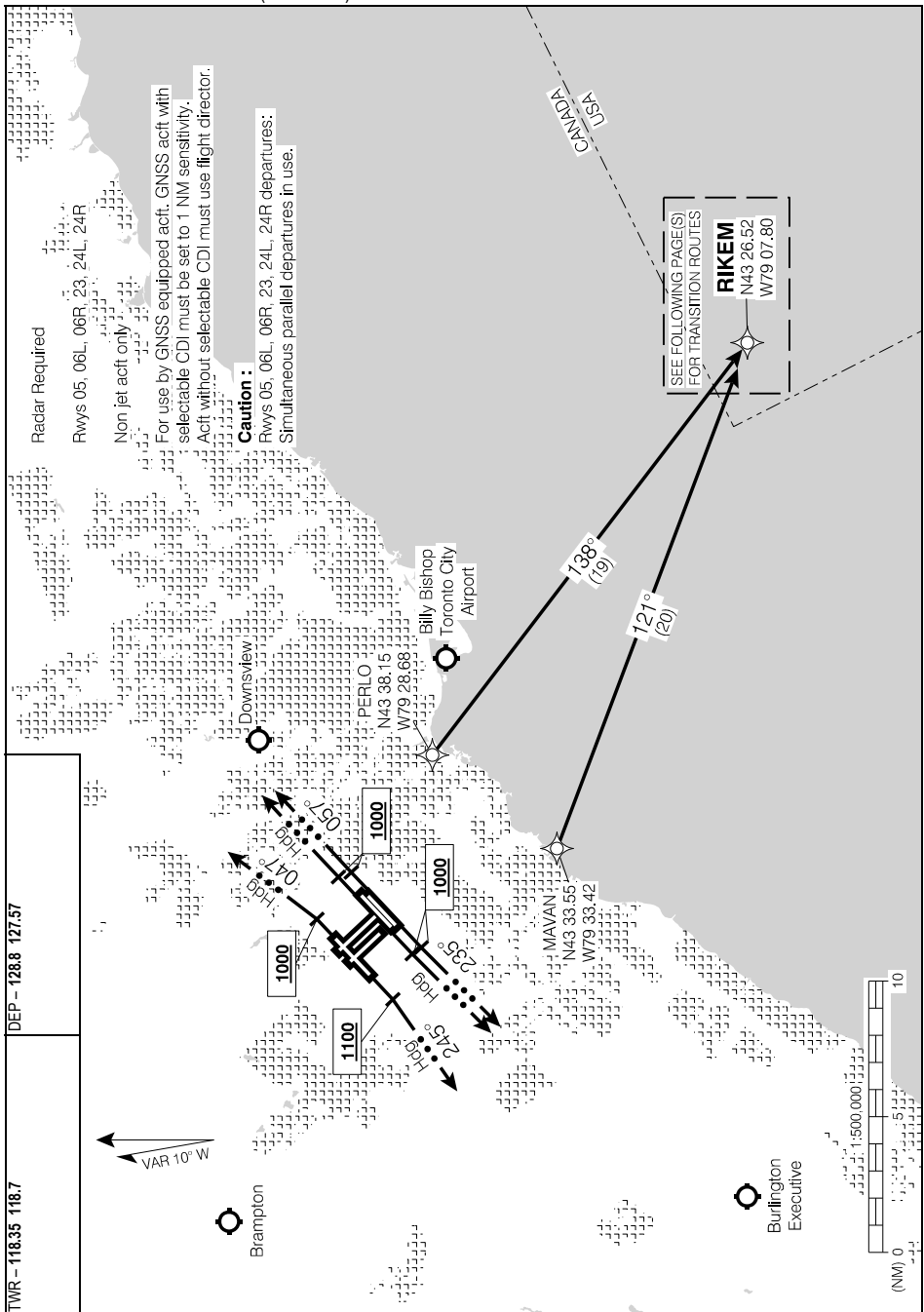
1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

MAVAN THREE DEP (MAVAN3.) DEPARTURE ROUTES

CYYZ

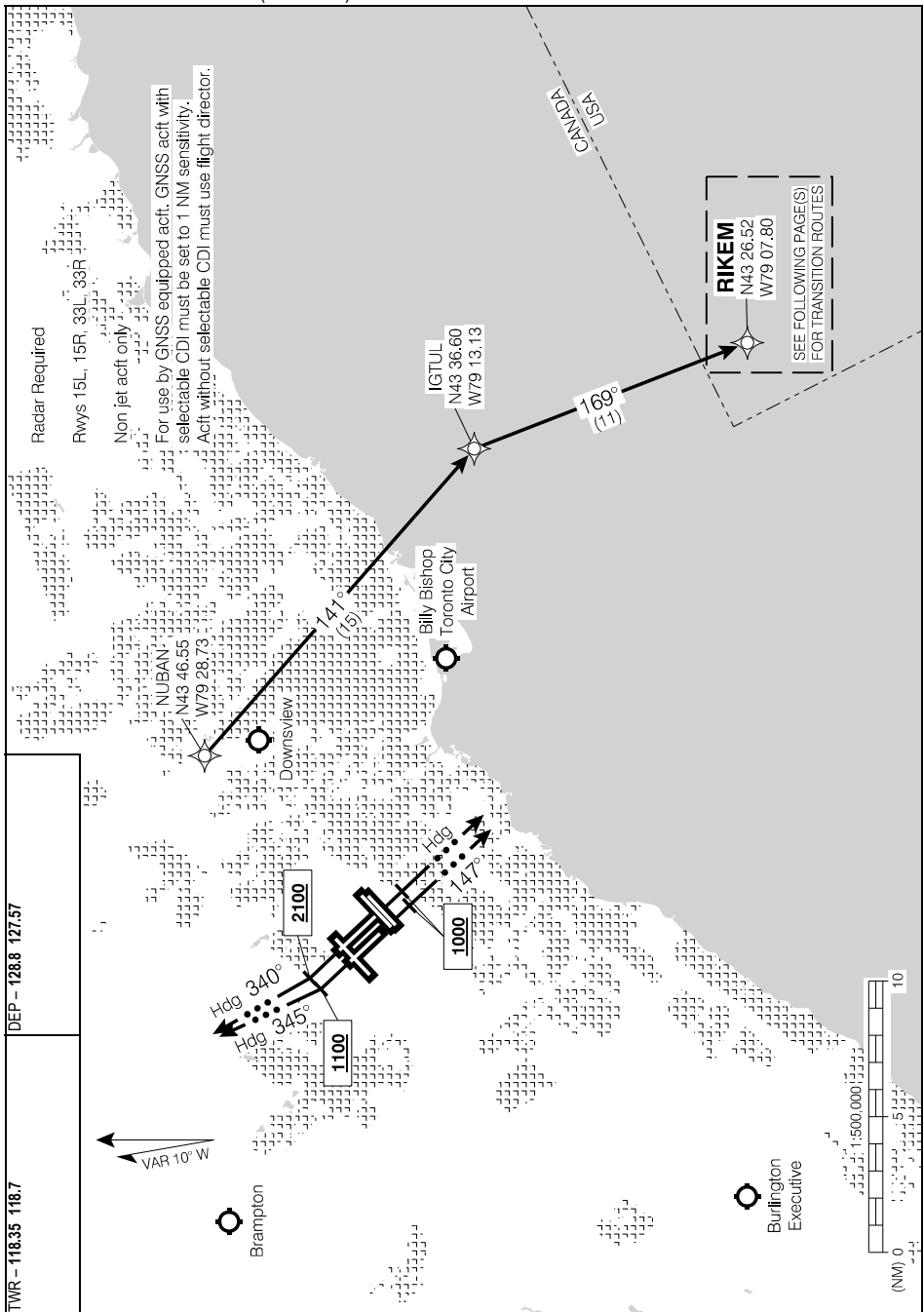


MAVAN THREE DEP (MAVAN3.) DEPARTURE ROUTES

CYYZ

EFF 30 NOV 23

MAVAN THREE DEP (MAVAN3.) DEPARTURE ROUTES



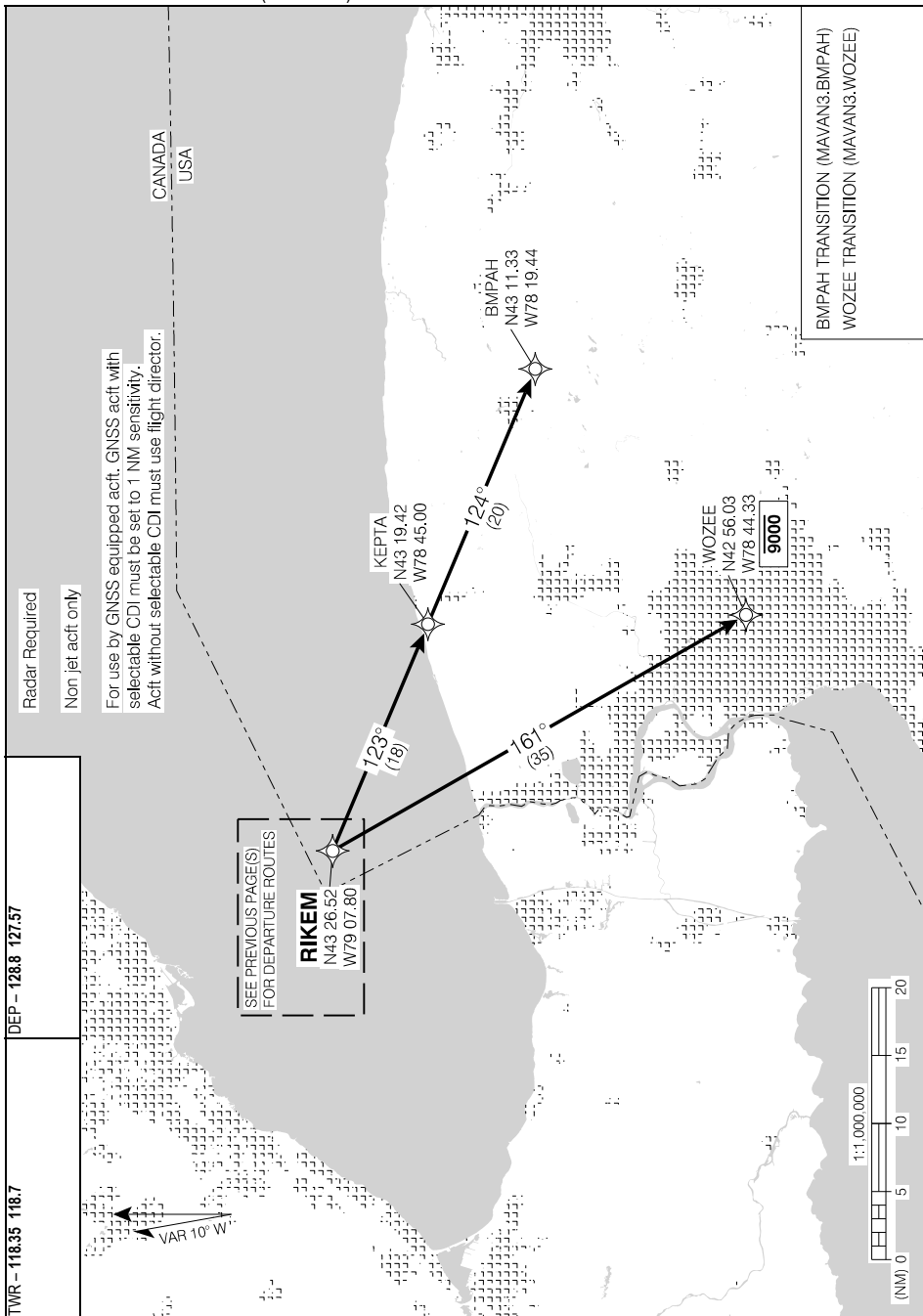
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MAVAN THREE DEP (MAVAN3.) DEPARTURE ROUTES

EFF 30 NOV 23

MAVAN THREE DEP (MAVAN3.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MAVAN THREE DEP (MAVAN3.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

All rwy's: Maintain **5000**.

Rwy 05: Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.

Rwy 06L: Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.

Rwy 06R: Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.

Rwy 15L: Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

Rwy 15R: Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

Rwy 23: Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

Rwy 24L: Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

Rwy 24R: Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.

Rwy 33L: Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to NUBAX (or as assigned) then proceed via depicted route.

Rwy 33R: Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to NUBAX (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

DERLO TRANSITION: (MIXUT7.DERLO)

GNTY TRANSITION: (MIXUT7.GNTY)

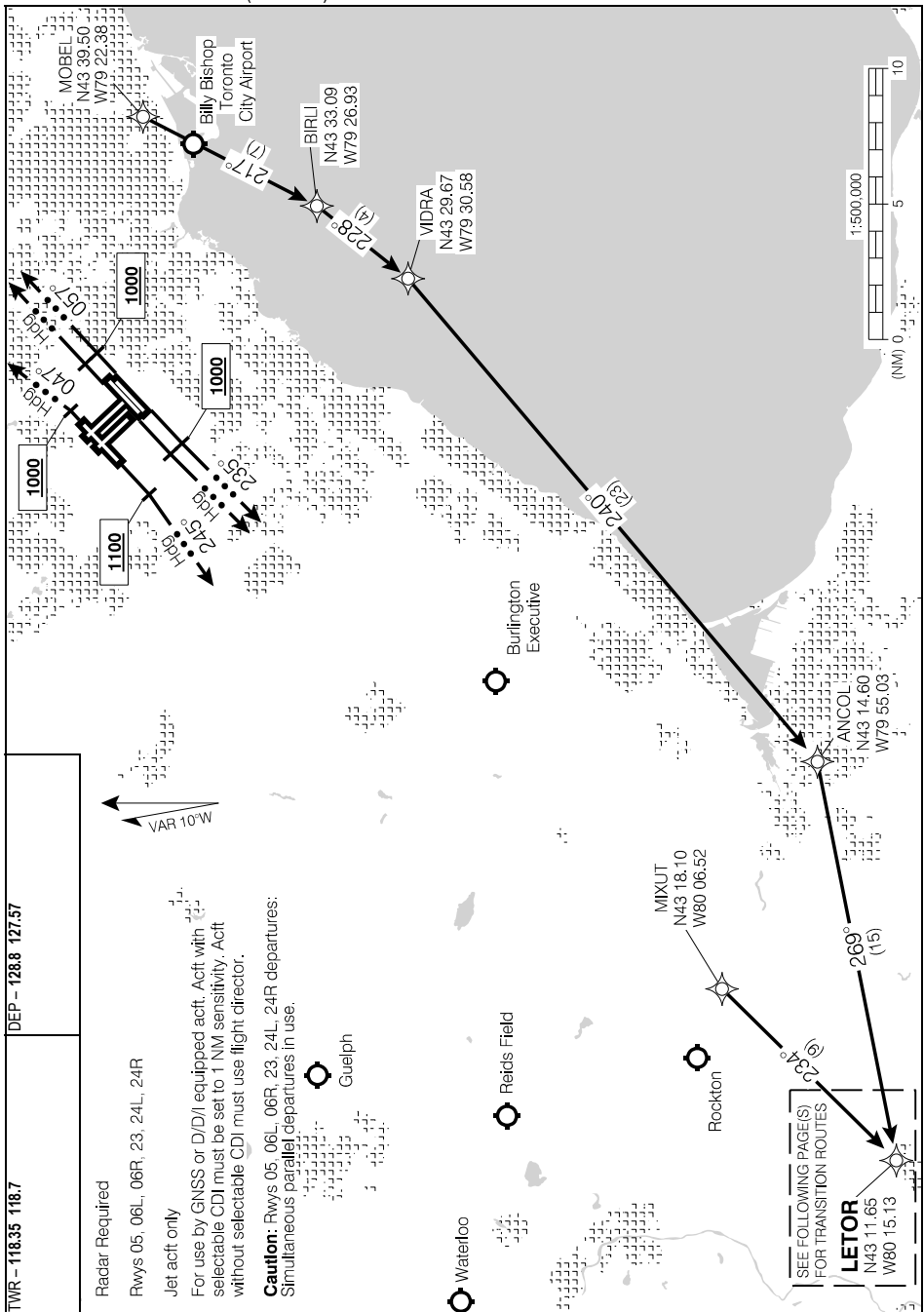
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV) MIXUT SEVEN DEP (MIXUT7.) DEPARTURE ROUTES

TORONTO/LESTER B. PEARSON INTL, ON
CYYZ



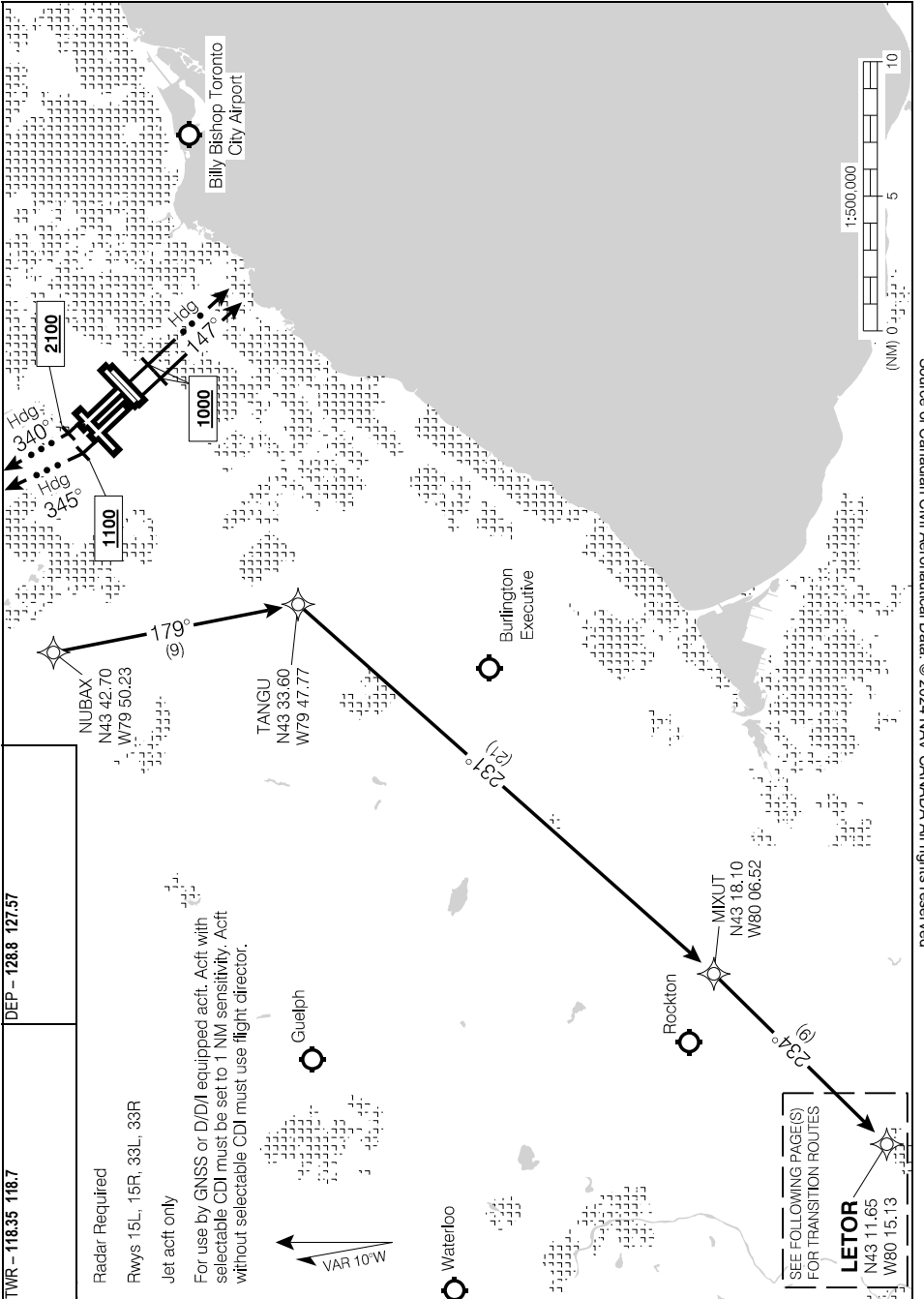
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MIXUT SEVEN DEP (MIXUT7.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

SID (RNAV)
MIXUT SEVEN DEP (MIXUT7.) DEPARTURE ROUTES

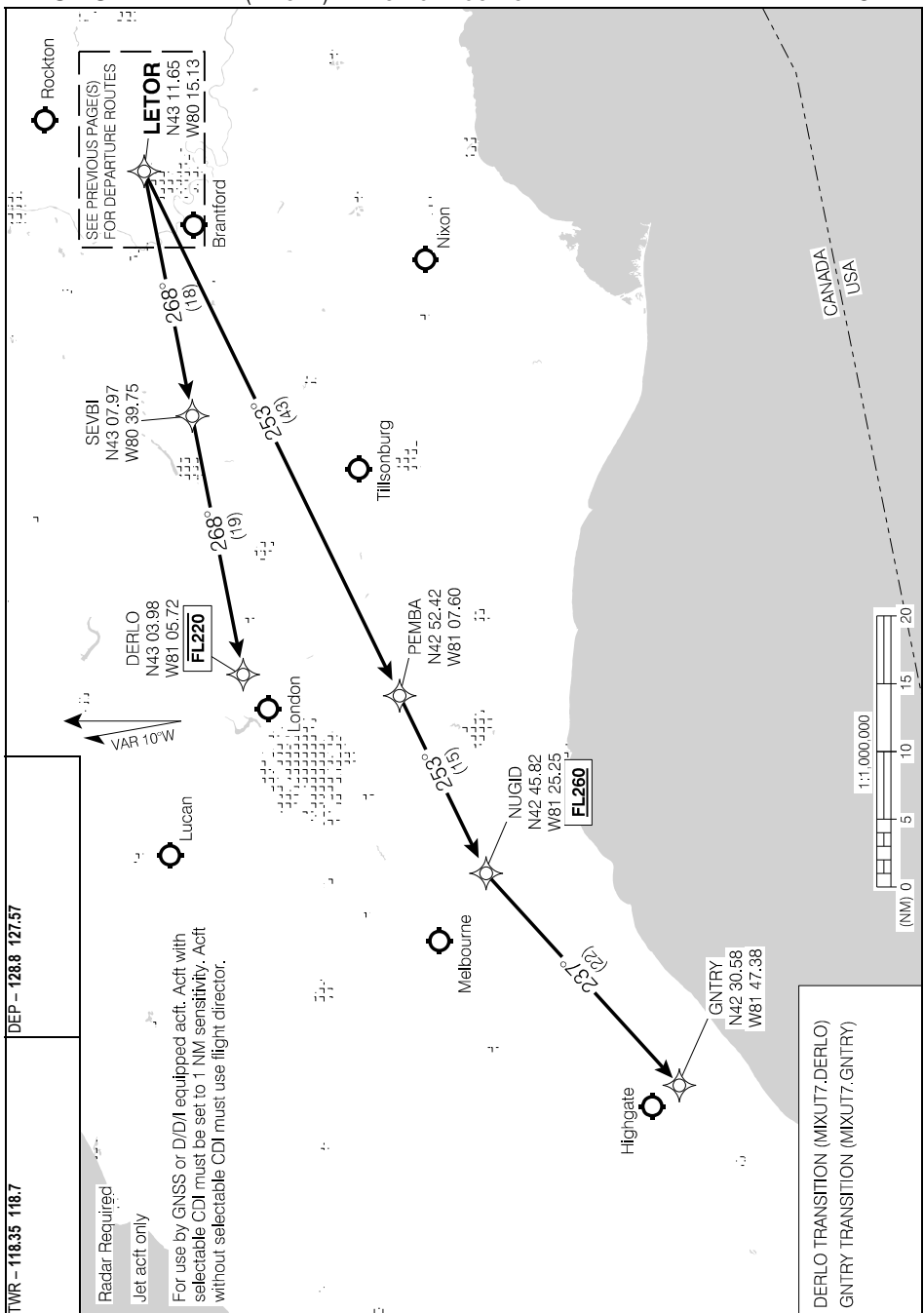


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

MIXUT SEVEN DEP (MIXUT7.) DEPARTURE ROUTES
EFF 19 MAY 22

CYYZ

SID (RNAV)
MIXUT SEVEN DEP (MIXUT7.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7

DEP - 128.8 127.57

Radar Required
Jet acft only

For use by GNSS or D/DI equipped acft. Acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director.

DERLO TRANSITION (MIXUT7.DERLO)
GENTRY TRANSITION (MIXUT7.GENTRY)

MIXUT SEVEN DEP (MIXUT7.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to URSAL (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to URSAL (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to URSAL (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to URSAL (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to URSAL (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

KASSED TRANSITION: (NOSIK4.KASED)

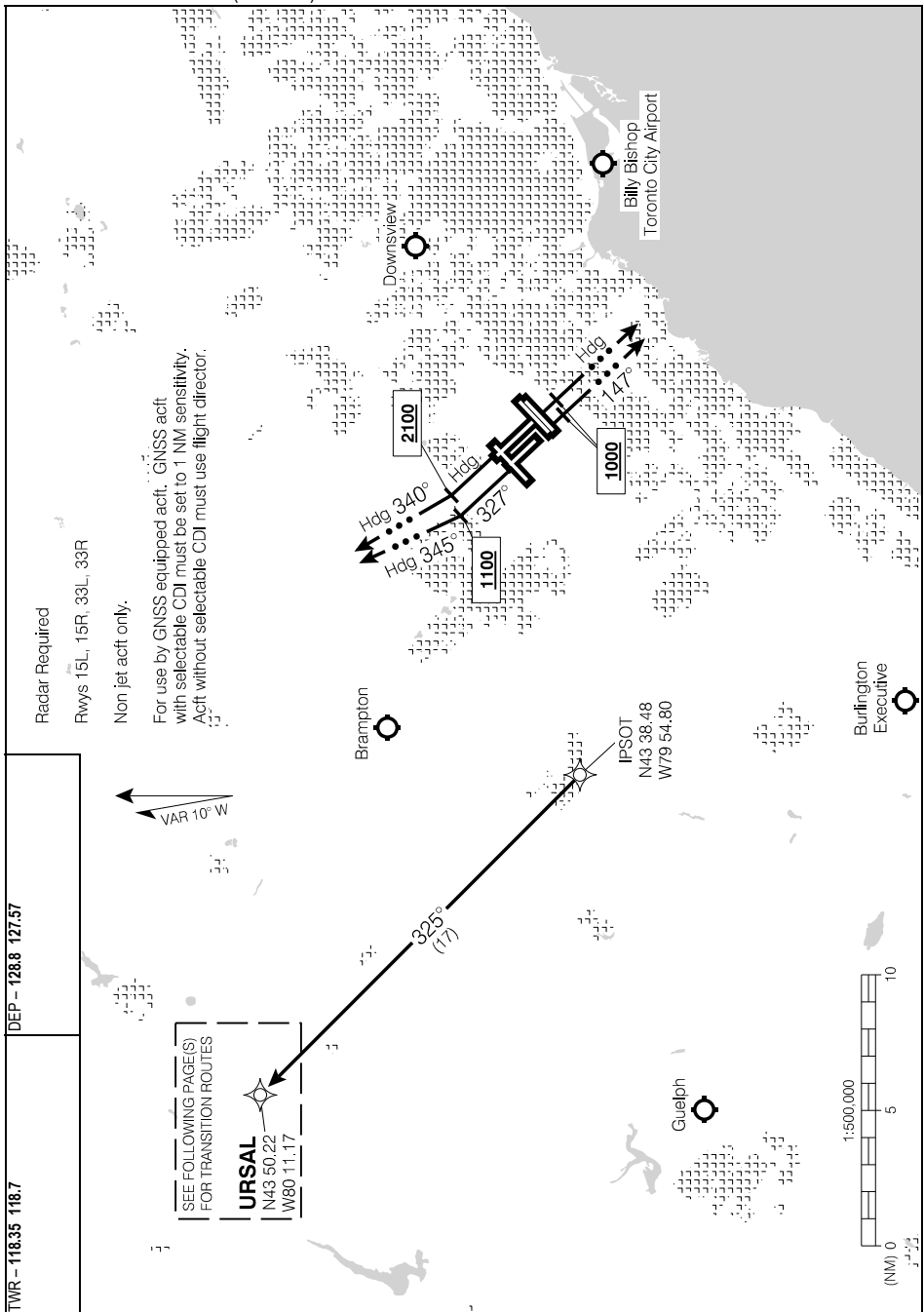
ZOHAN TRANSITION: (NOSIK4.ZOHAN)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

NOSIK FOUR DEP (NOSIK4.) DEPARTURE ROUTES

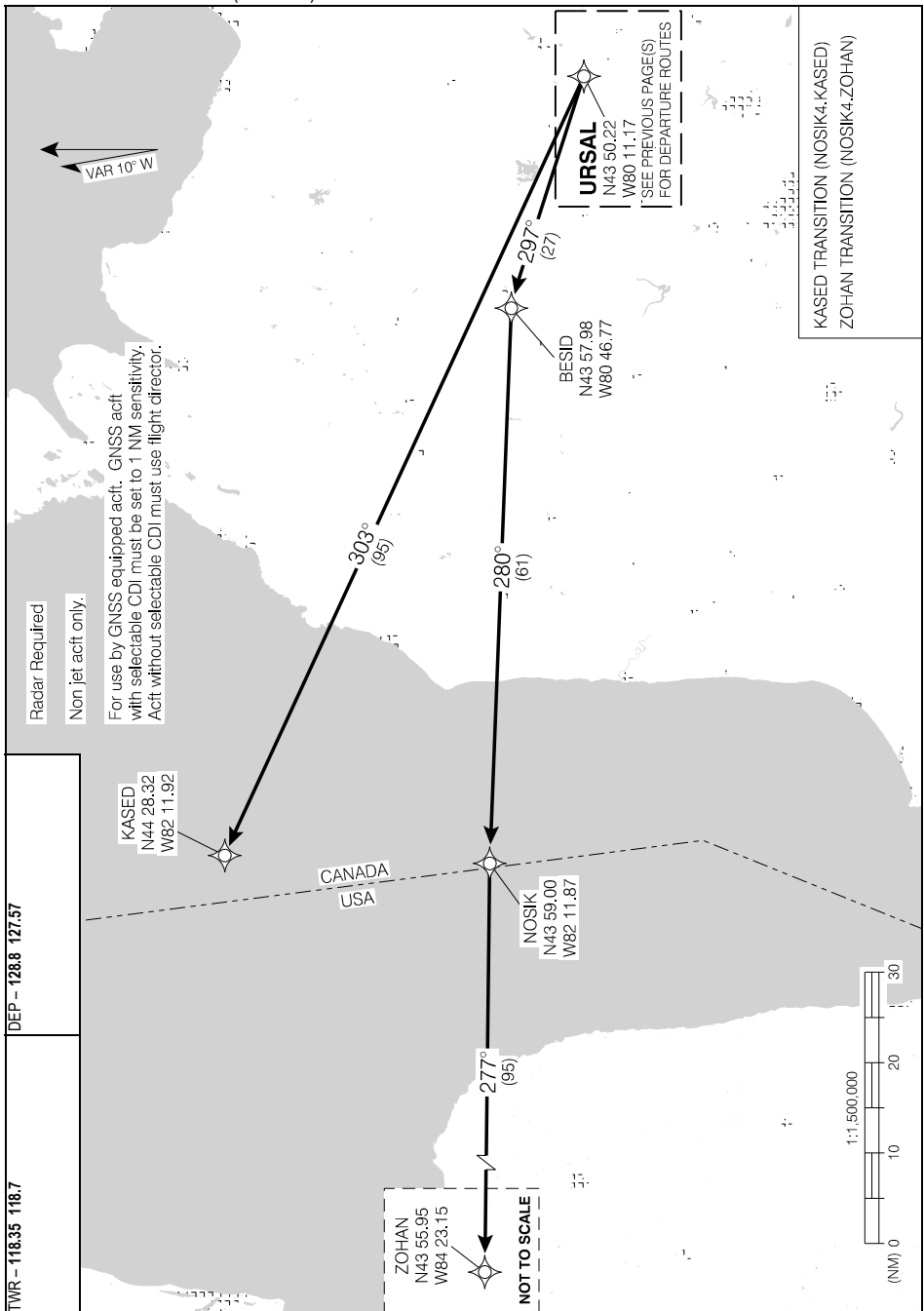


Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

NOSIK FOUR DEP (NOSIK4.) DEPARTURE ROUTES

NOSIK FOUR DEP (NOSIK4.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

NOSIK FOUR DEP (NOSIK4.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to AVSEP (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to AVSEP (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to AVSEP (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to AVSEP (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to AVSEP (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

OTNIK TRANSITION: (NUGOP6.OTNIK)
MUSIT TRANSITION: (NUGOP6.MUSIT)

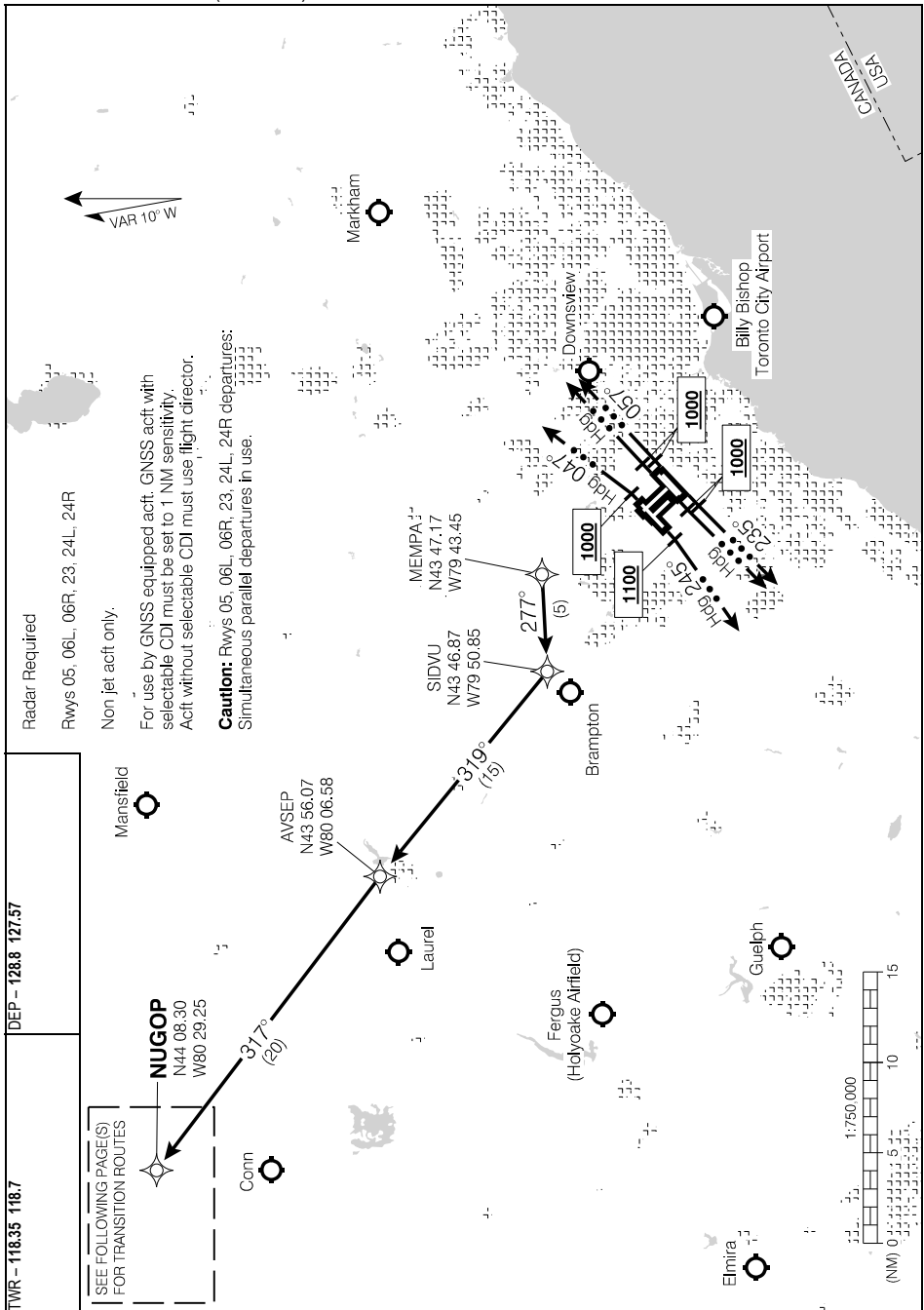
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)
NUGOP SIX DEP (NUGOP6.) DEPARTURE ROUTES

TORONTO/LESTER B. PEARSON INTL, ON
CYYZ



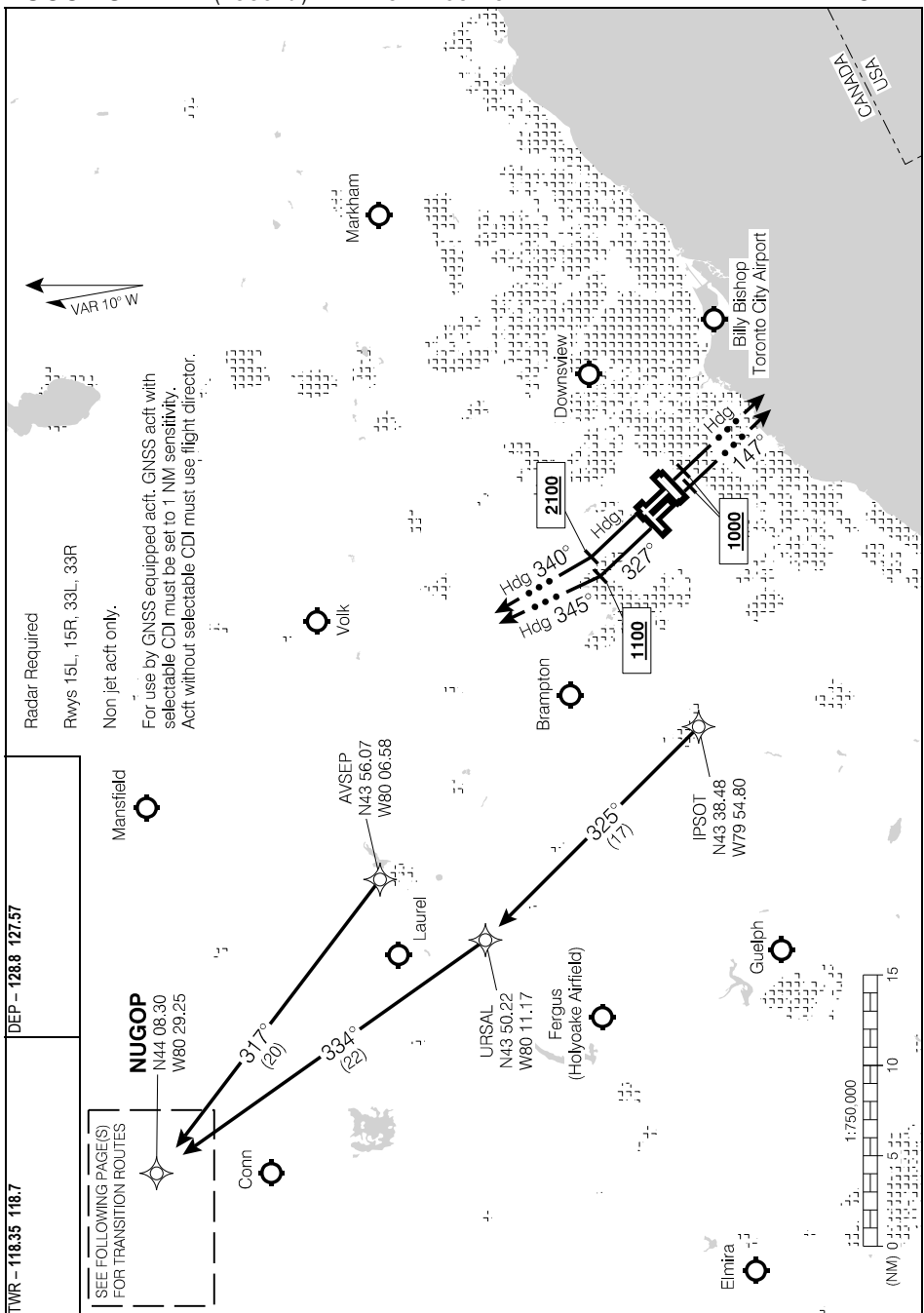
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NUGOP SIX DEP (NUGOP6.) DEPARTURE ROUTES
EFF 30 NOV 23

CYYZ

NUGOP SIX DEP (NUGOP6.) DEPARTURE ROUTES

CYYZ

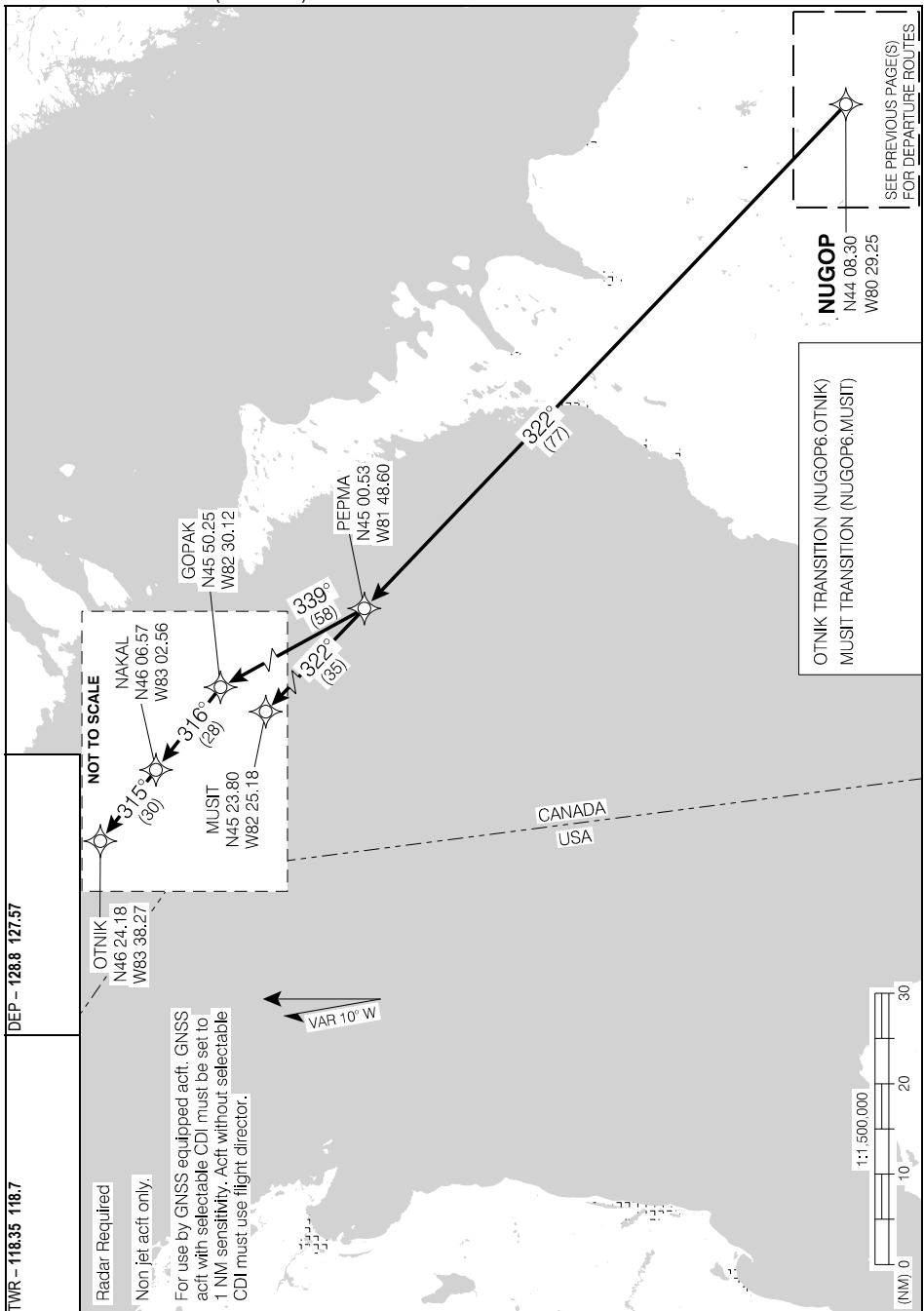


NUGOP SIX DEP (NUGOP6.) DEPARTURE ROUTES

CYYZ

NUGOP SIX DEP (NUGOP6.) TRANSITION ROUTES

CYYZ



DEP - 128.8 127.57

TWR - 118.35 118.7

Radar Required

Non jet acft only.

For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director.

OTNIK TRANSITION (NUGOP6.OTNIK)
MUSIT TRANSITION (NUGOP6.MUSIT)

NUGOP
N44 08.30
W80 29.25

SEE PREVIOUS PAGE(S)
FOR DEPARTURE ROUTES

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

NUGOP SIX DEP (NUGOP6.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to OAKVL (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to OAKVL (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

ERIE TRANSITION: (OAKVL3.ERI)
FOXEE TRANSITION: (OAKVL3.FOXEE)
AIRRA TRANSITION: (OAKVL3.AIRRA)

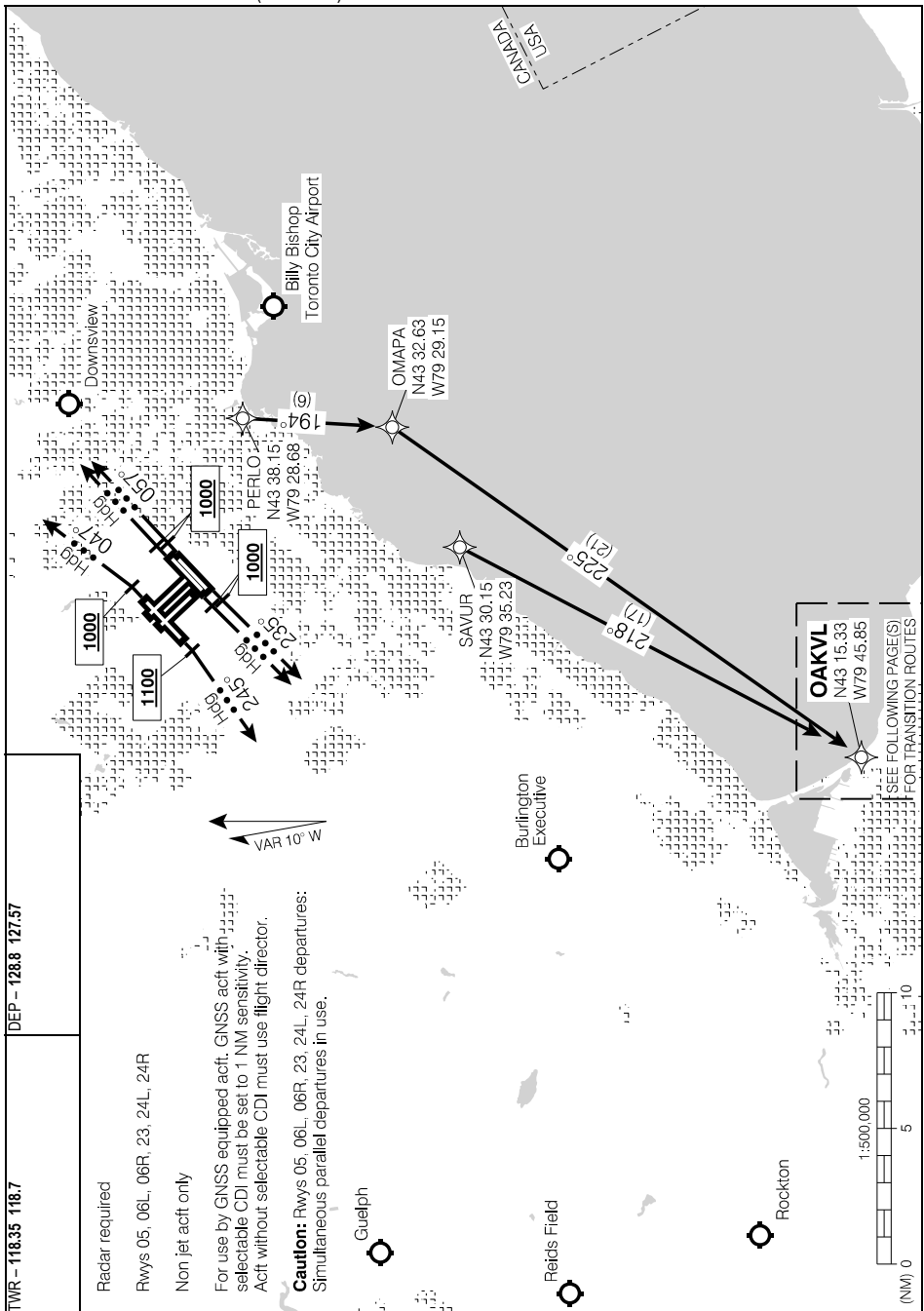
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar required

Rwys 05, 06L, 06R, 23, 24L, 24R

Non jet act only

For use by GNSS equipped act. GNSS act with selectable CDI must be set to 1 NM sensitivity. Act without selectable CDI must use flight director.

Caution: Rwys 05, 06L, 06R, 23, 24L, 24R departures: Simultaneous parallel departures in use.

OAKVL
 N43 15.33
 W79 45.85

(SEE FOLLOWING PAGE(S) FOR TRANSITION ROUTES)

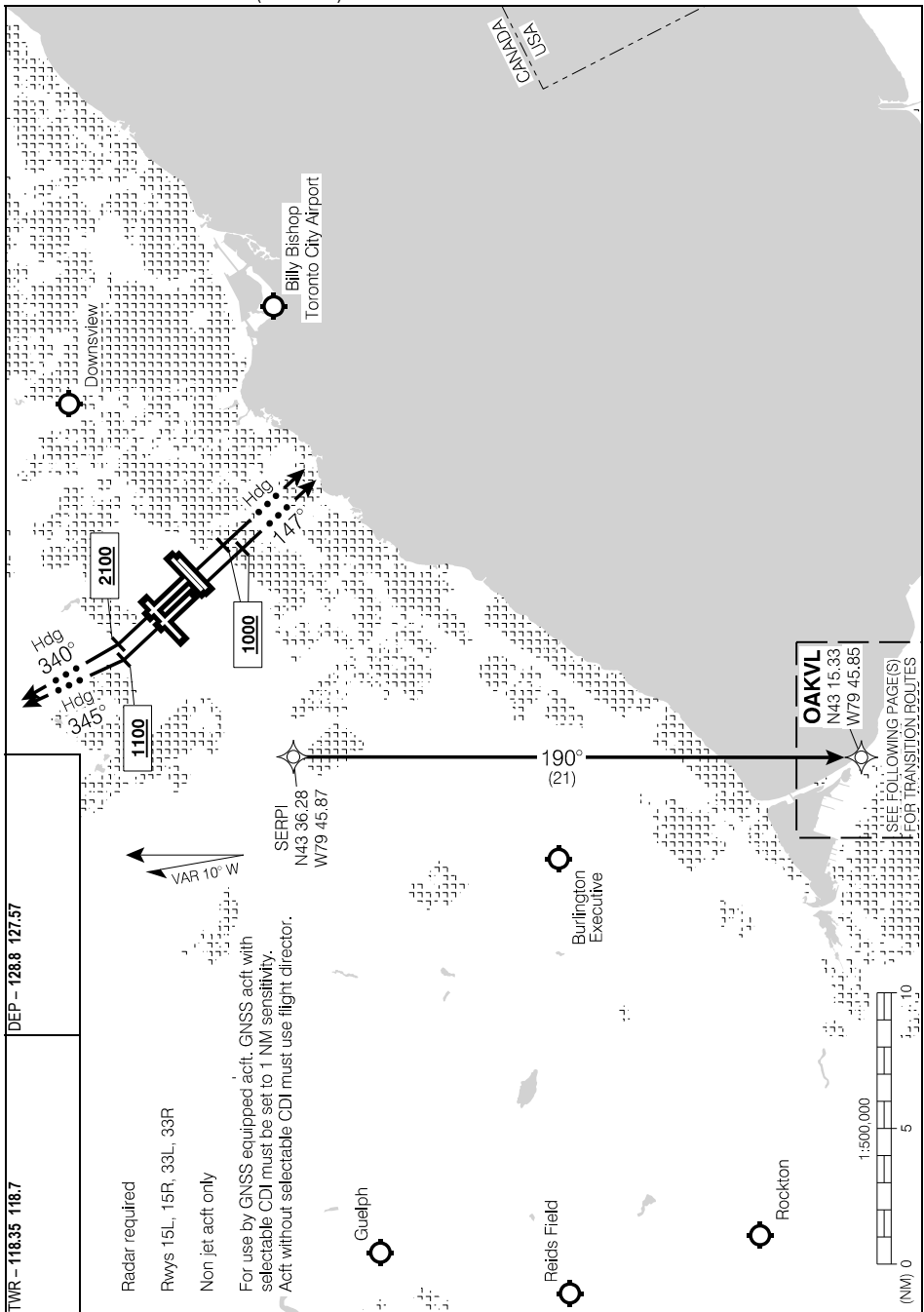
OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

CYYZ

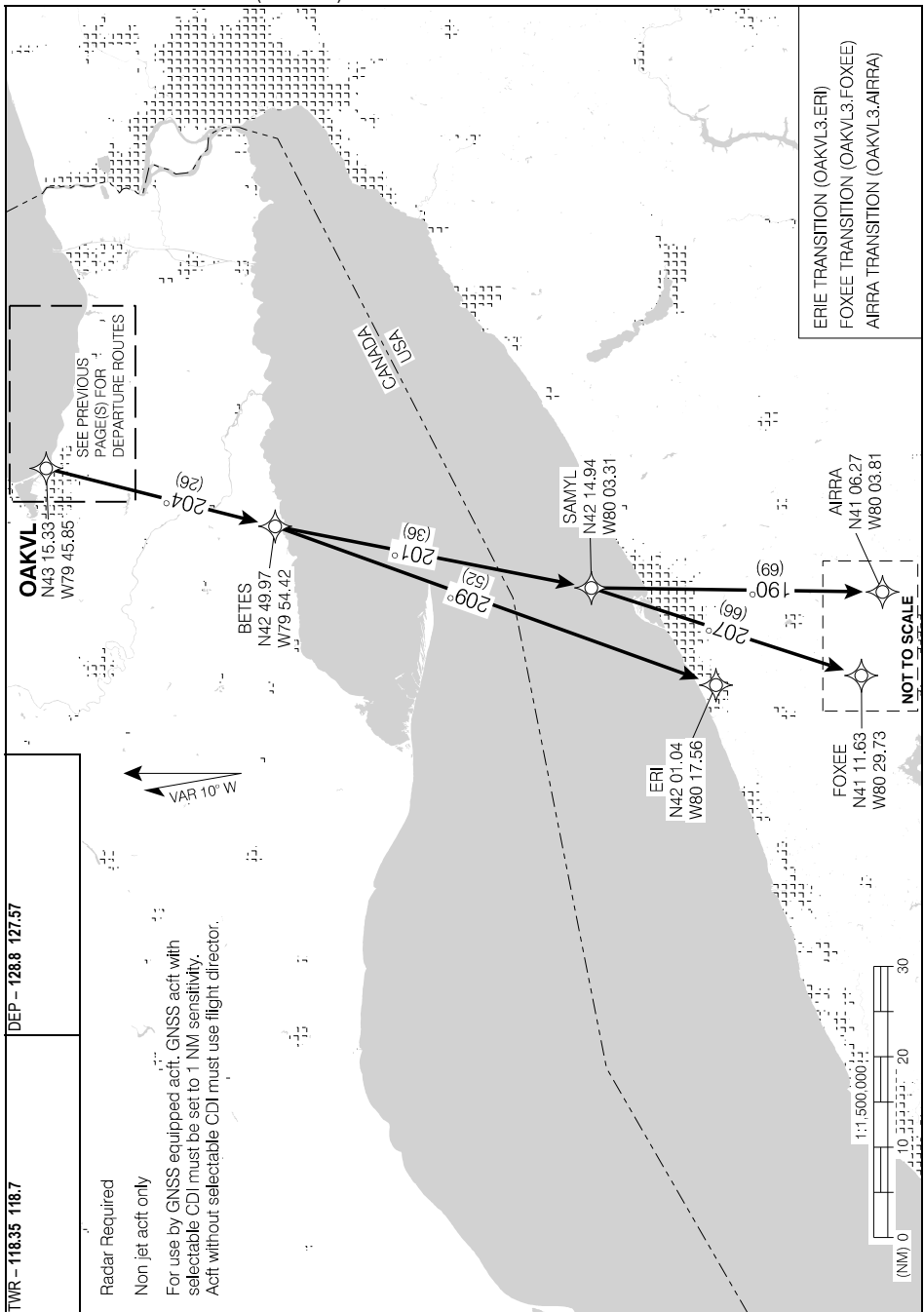


OAKVL THREE DEP (OAKVL3.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

OAKVL THREE DEP (OAKVL3.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

OAKVL THREE DEP (OAKVL3.) TRANSITION ROUTES

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

- All rwys:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

DERLO TRANSITION: (PEMBA6.DERLO)
GENTRY TRANSITION: (PEMBA6.GENTRY)

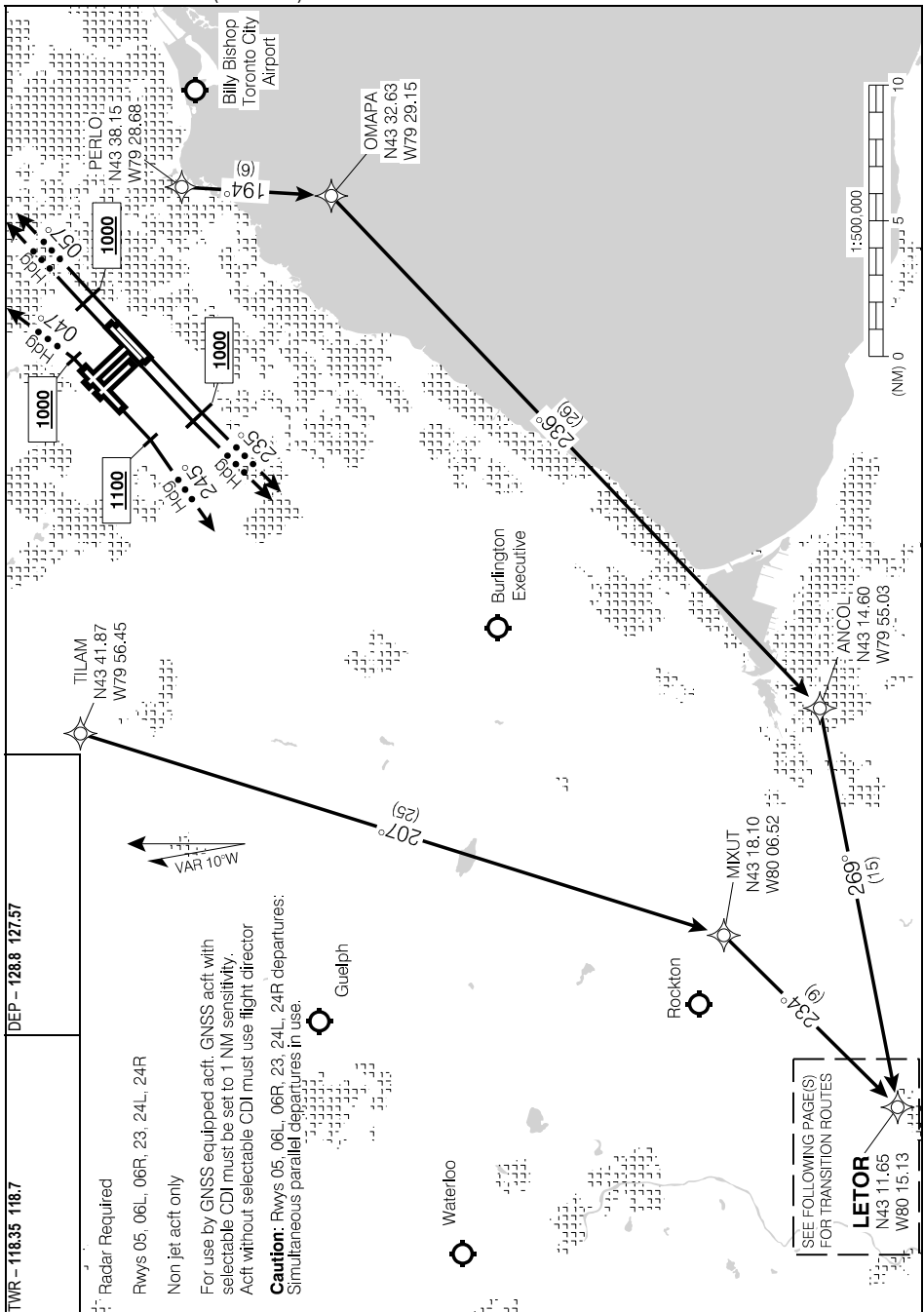
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

PEMBA SIX DEP (PEMBA6.) DEPARTURE ROUTES

CYYZ



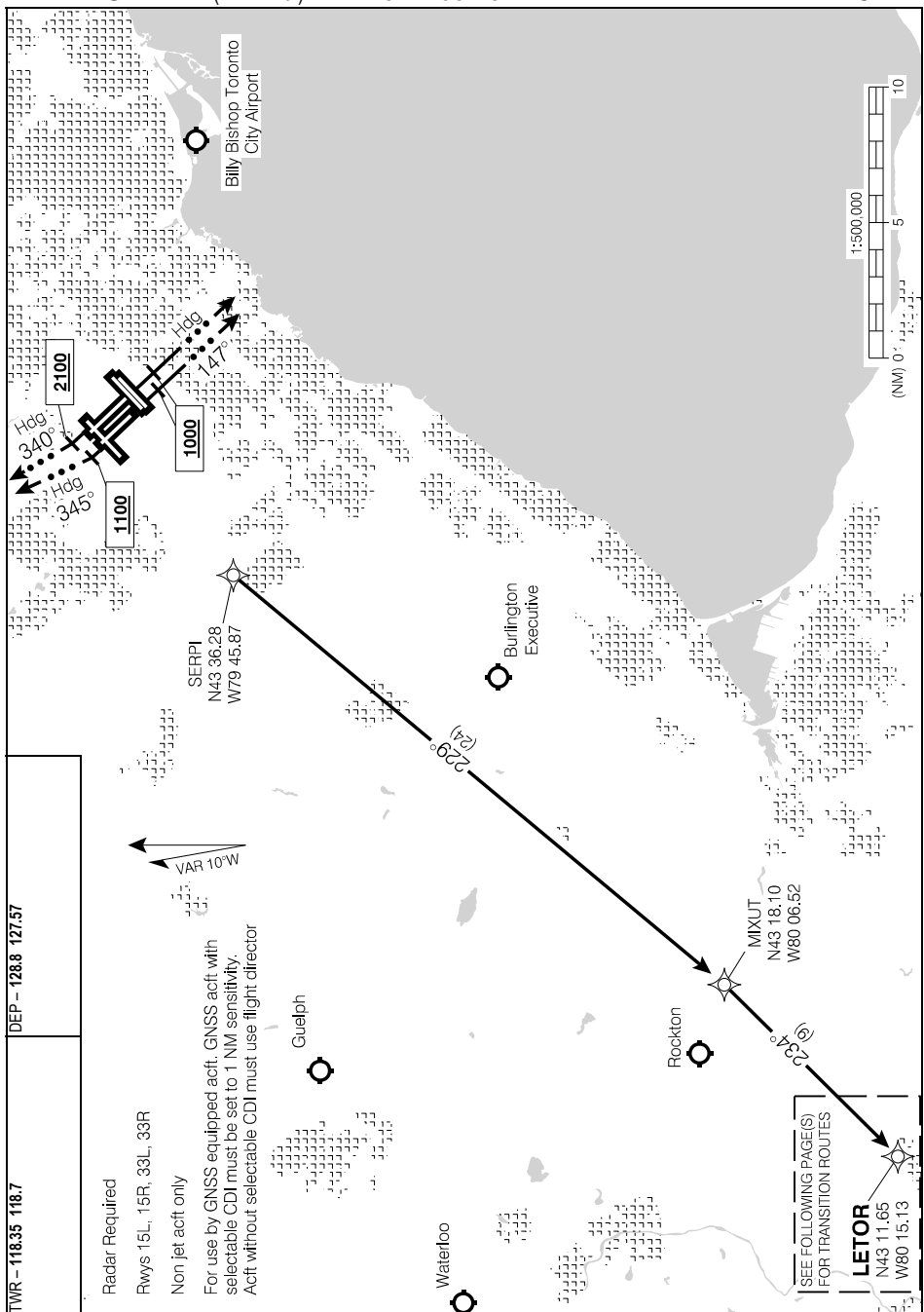
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PEMBA SIX DEP (PEMBA6.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

SID (RNAV)
PEMBA SIX DEP (PEMBA6.) DEPARTURE ROUTES



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar Required
 Rws 15L, 15R, 33L, 33R
 Non jet acft only
 For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity.
 Acft without selectable CDI must use flight director

SEE FOLLOWING PAGE(S)
 FOR TRANSITION ROUTES

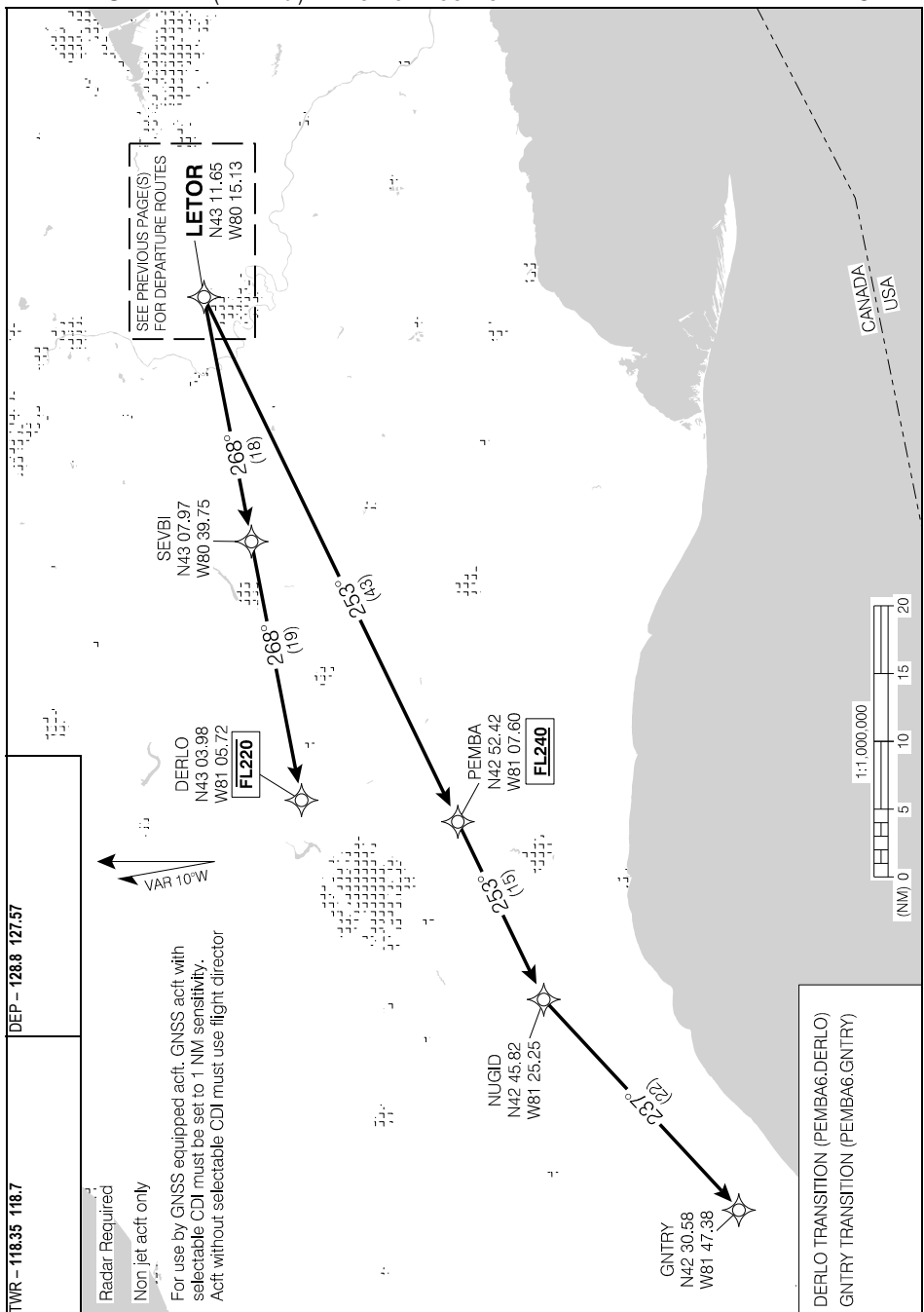
LITOR
 N43 11.65
 W80 15.13

PEMBA SIX DEP (PEMBA6.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

SID (RNAV)
PEMBA SIX DEP (PEMBA6.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar Required
 Non jet acft only
 For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director

DERLO TRANSITION (PEMBA6.DERLO)
 GENTRY TRANSITION (PEMBA6.GENTRY)

PEMBA SIX DEP (PEMBA6.) TRANSITION ROUTES
EFF 19 MAY 22

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to MIXUT (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to SERPI (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

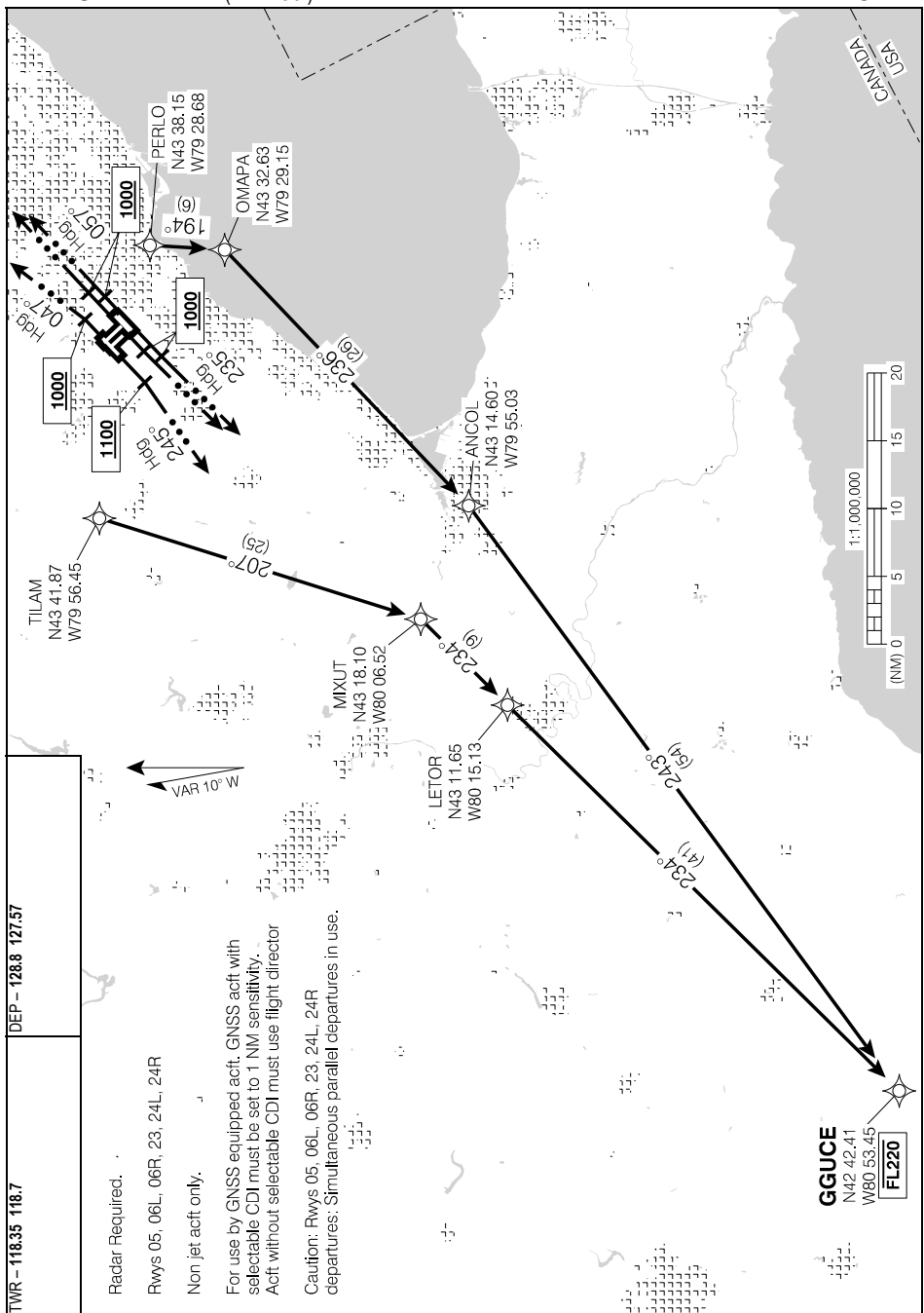
GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)
PERLO FIVE DEP (PERLO5.)



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar Required.

Rwys 05, 06L, 06R, 23, 24L, 24R

Non jet act only.

For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director

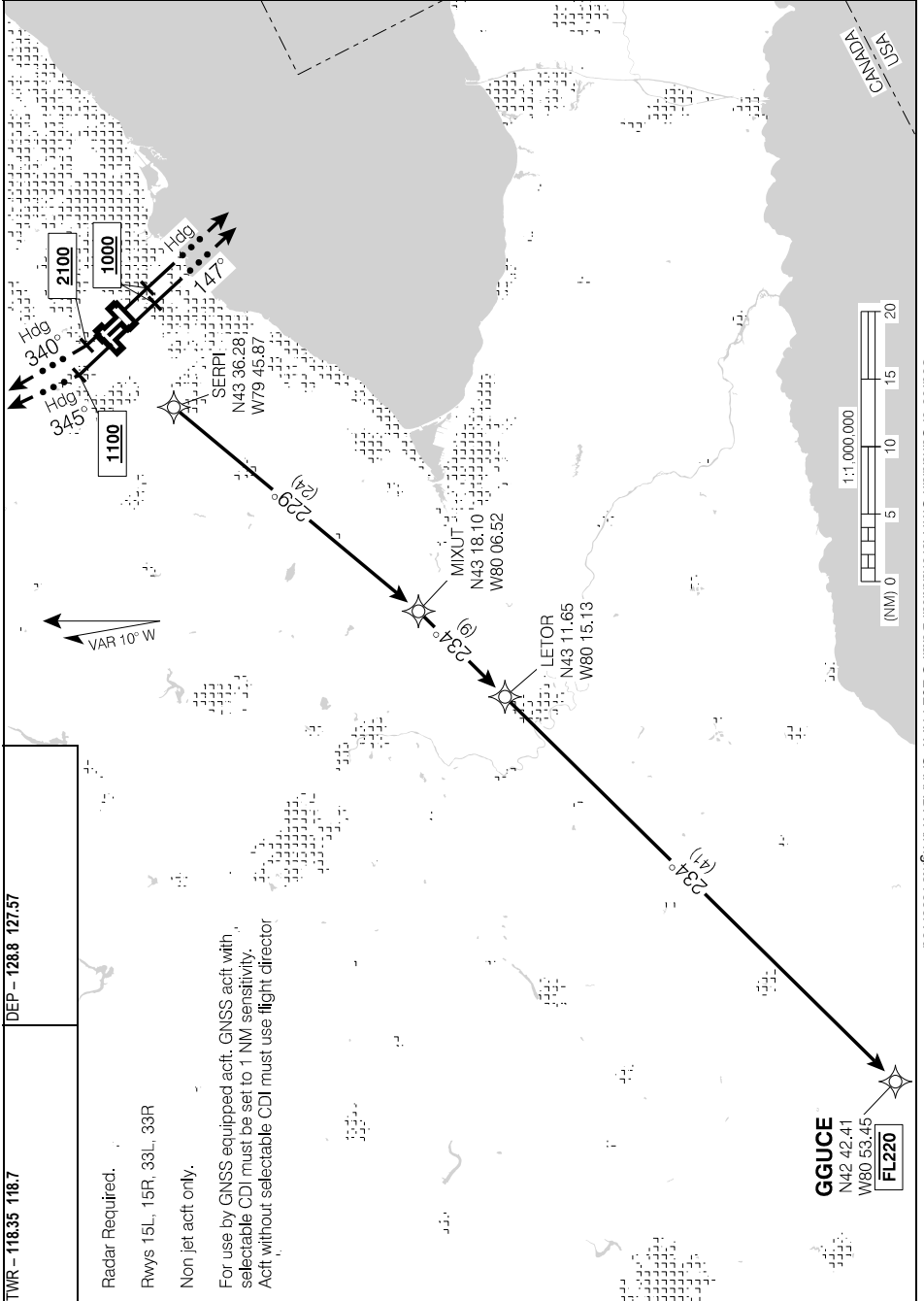
Caution: Rwys 05, 06L, 06R, 23, 24L, 24R departures: Simultaneous parallel departures in use.

PERLO FIVE DEP (PERLO5.)

EFF 19 MAY 22

CYYZ

SID (RNAV)
PERLO FIVE DEP (PERLO5.)



PERLO FIVE DEP (PERLO5.)
EFF 19 MAY 22

CYYZ

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **5000**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MOBEL (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to DUSOM (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to DUSOM (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MURNO (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MURNO (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MURNO (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to NUBAX (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to NUBAX (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

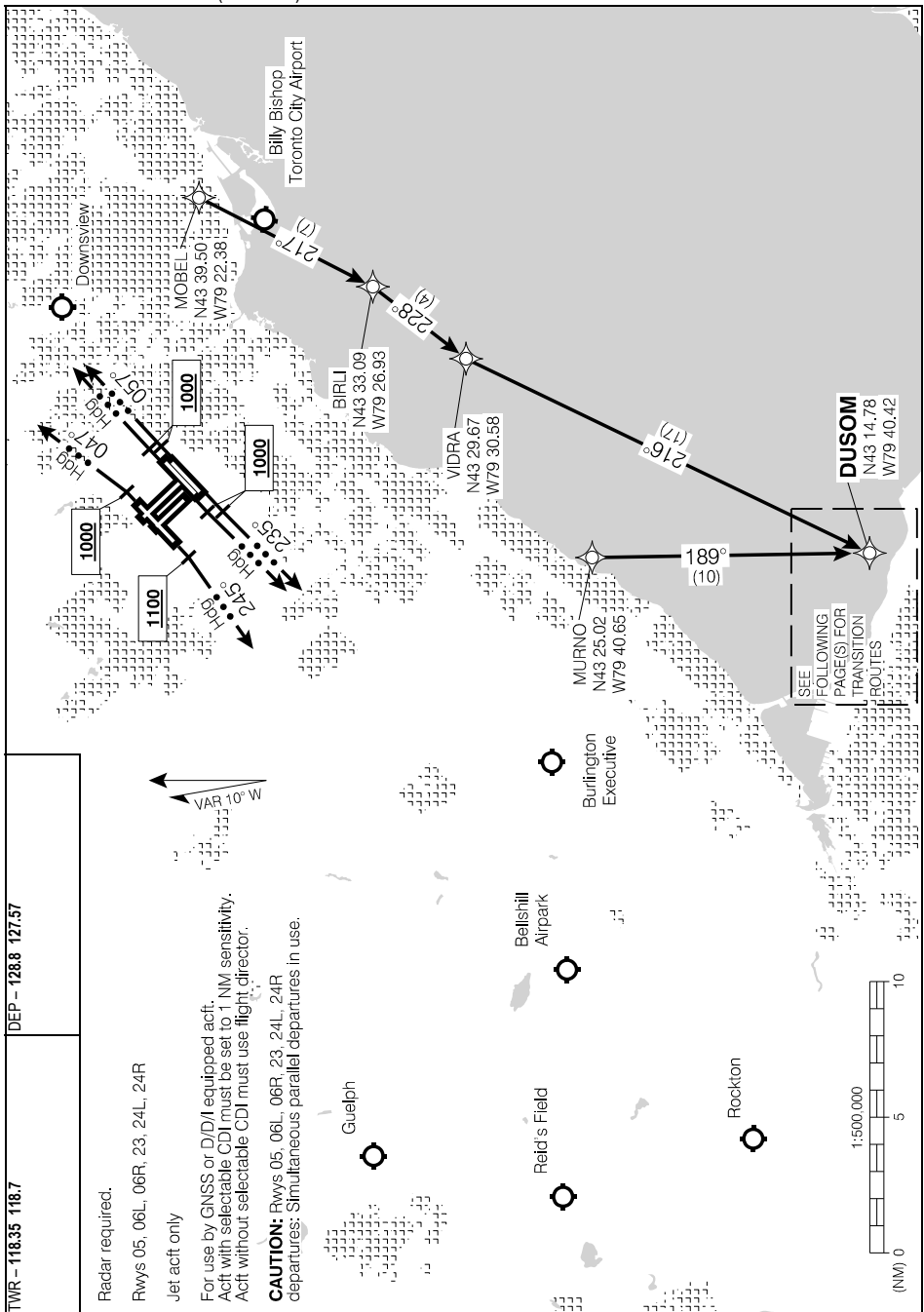
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)
RIGUS FIVE DEP (RIGUS5.) DEPARTURE ROUTES

TORONTO/LESTER B. PEARSON INTL. ON
CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7	DEP - 128.8 127.57
--------------------	--------------------

Radar required.

Rwys 05, 06L, 06R, 23, 24L, 24R

Jet acft only

For use by GNSS or D/D/I equipped acft.
Acft with selectable CDI must be set to 1 NM sensitivity.
Acft without selectable CDI must use flight director.

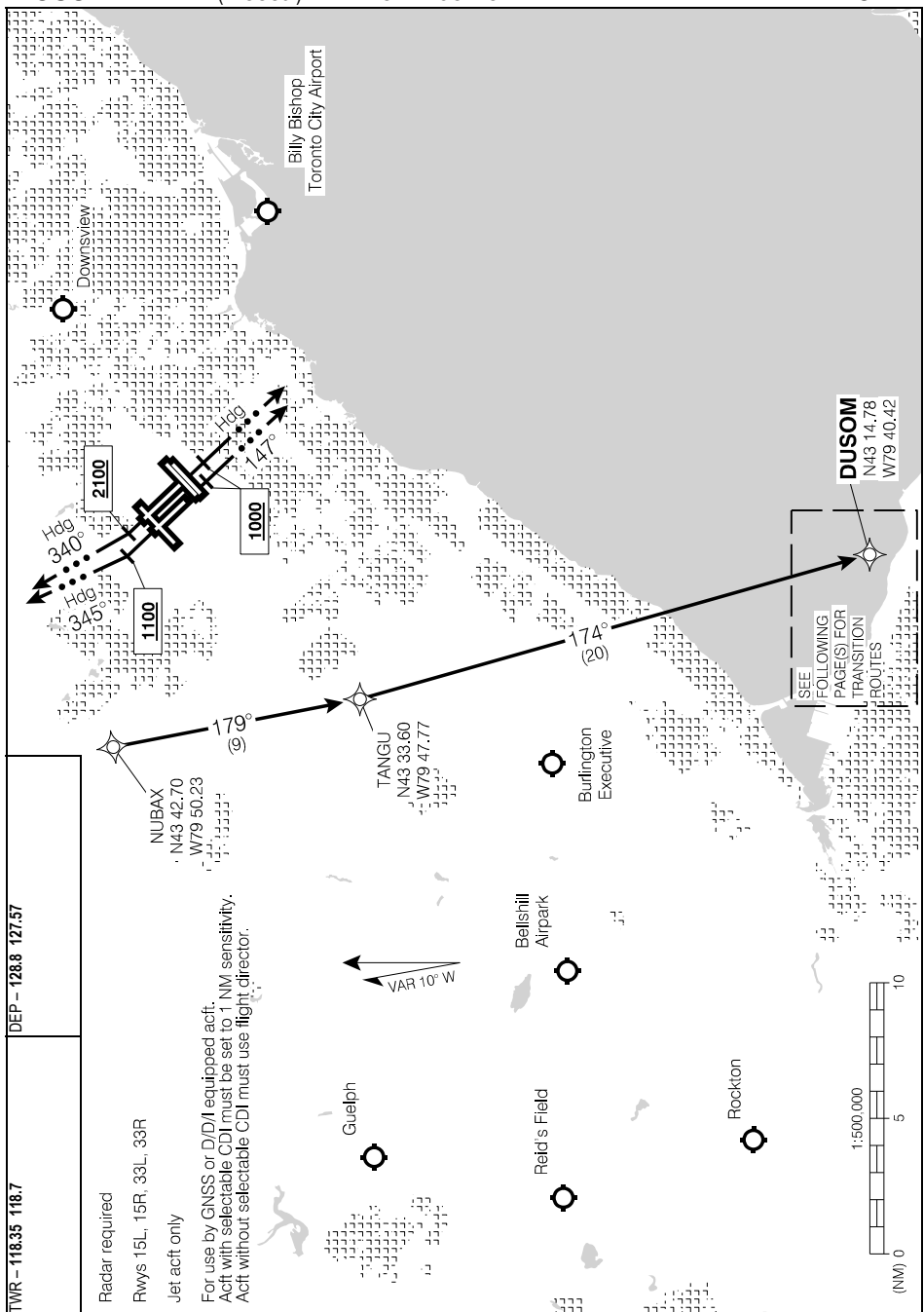
CAUTION: Rwys 05, 06L, 06R, 23, 24L, 24R
departures: Simultaneous parallel departures in use.

RIGUS FIVE DEP (RIGUS5.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

SID (RNAV)
RIGUS FIVE DEP (RIGUS5.) DEPARTURE ROUTES



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar required
 Rwy 15L, 15R, 33L, 33R
 Jet acft only
 For use by GNSS or D/D/I equipped acft.
 Acft with selectable CDI must be set to 1 NM sensitivity.
 Acft without selectable CDI must use flight director.

SEE FOLLOWING PAGE(S) FOR TRANSITION ROUTES

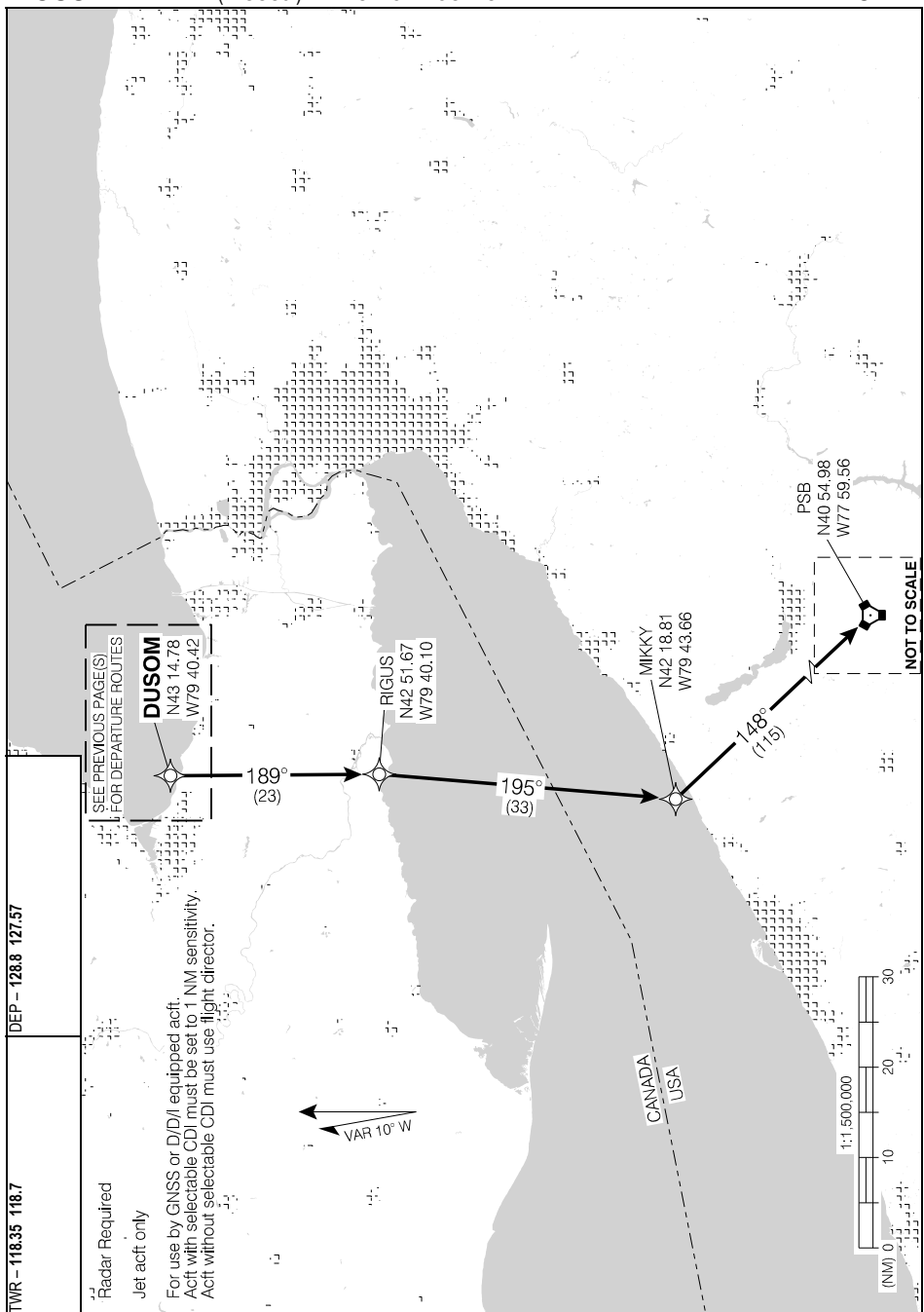
DUSOM
 N43 14.78
 W79 40.42

RIGUS FIVE DEP (RIGUS5.) DEPARTURE ROUTES

CYYZ

EFF 19 MAY 22

SID (RNAV)
RIGUS FIVE DEP (RIGUS5.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

DEP - 128.8 127.57

TWR - 118.35 118.7

SEE PREVIOUS PAGE(S)
FOR DEPARTURE ROUTES

DUSOM
N43 14.78
W79 40.42

RIGUS
N42 51.67
W79 40.10

MIKKY
N42 18.81
W79 43.66

PSB
N40 54.98
W77 59.56

Radar Required
Jet a/c only

For use by GNSS or D/D/I equipped a/c.
A/c with selectable CDI must be set to 1 NM sensitivity.
A/c without selectable CDI must use flight director.

VAR 10° W



NOT TO SCALE!

RIGUS FIVE DEP (RIGUS5.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **5000**.

Rwy 05: Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to GOTIM (or as assigned) then proceed via depicted route.

Rwy 06L: Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to GOTIM (or as assigned) then proceed via depicted route.

Rwy 06R: Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to GOTIM (or as assigned) then proceed via depicted route.

Rwy 15L: Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BORUX (or as assigned) then proceed via depicted route.

Rwy 15R: Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BORUX (or as assigned) then proceed via depicted route.

Rwy 23: Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to BISTI (or as assigned) then proceed via depicted route.

Rwy 24L: Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to BISTI (or as assigned) then proceed via depicted route.

Rwy 24R: Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to BISTI (or as assigned) then proceed via depicted route.

Rwy 33L: Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.

Rwy 33R: Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to SEDOG (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

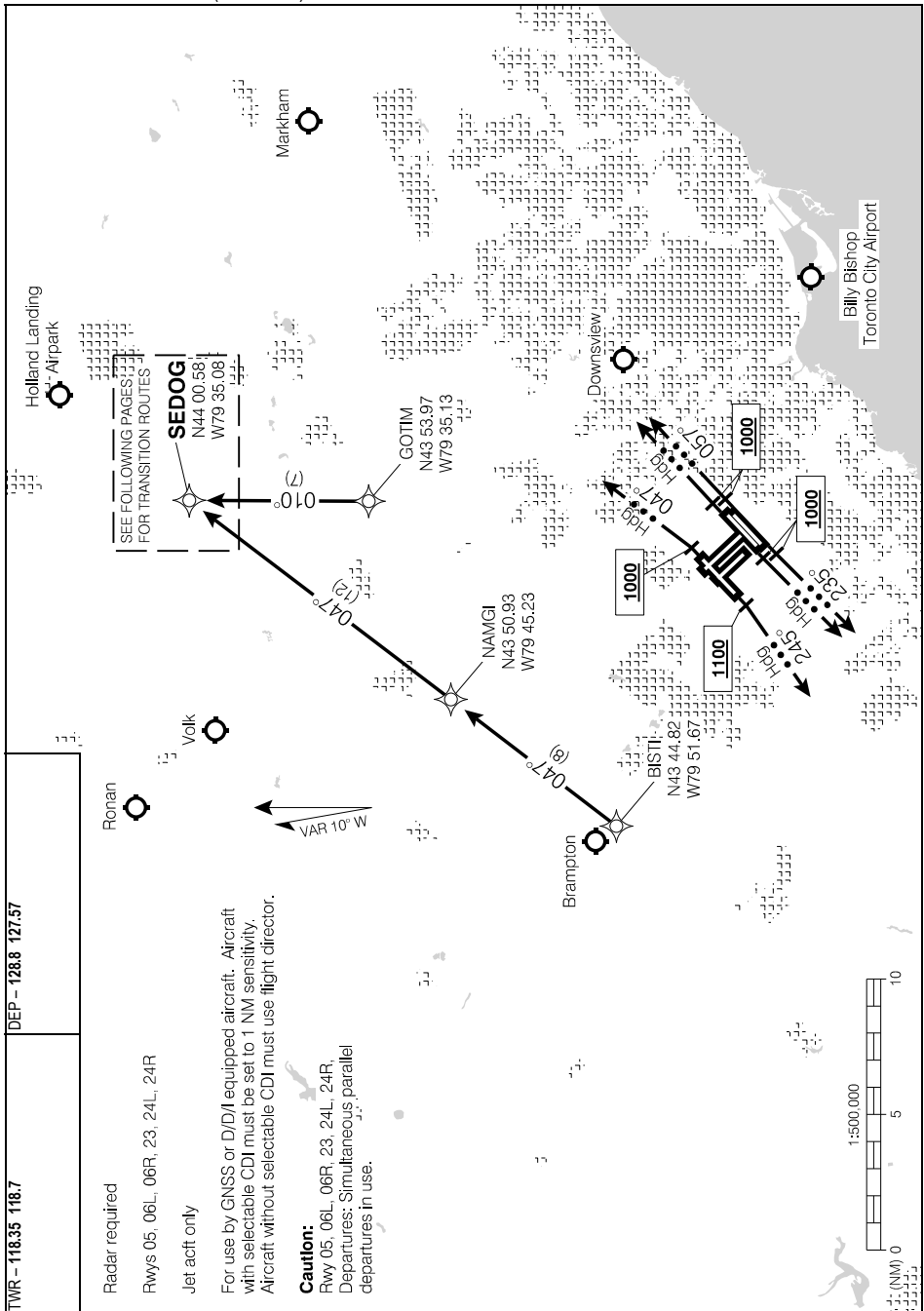
GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SEDOG SIX DEP (SEDOG6.) DEPARTURE ROUTES



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar required

Rwys 05, 06L, 06R, 23, 24L, 24R

Jet act only

For use by GNSS or D/D/I equipped aircraft. Aircraft with selectable CDI must be set to 1 NM sensitivity. Aircraft without selectable CDI must use flight director.

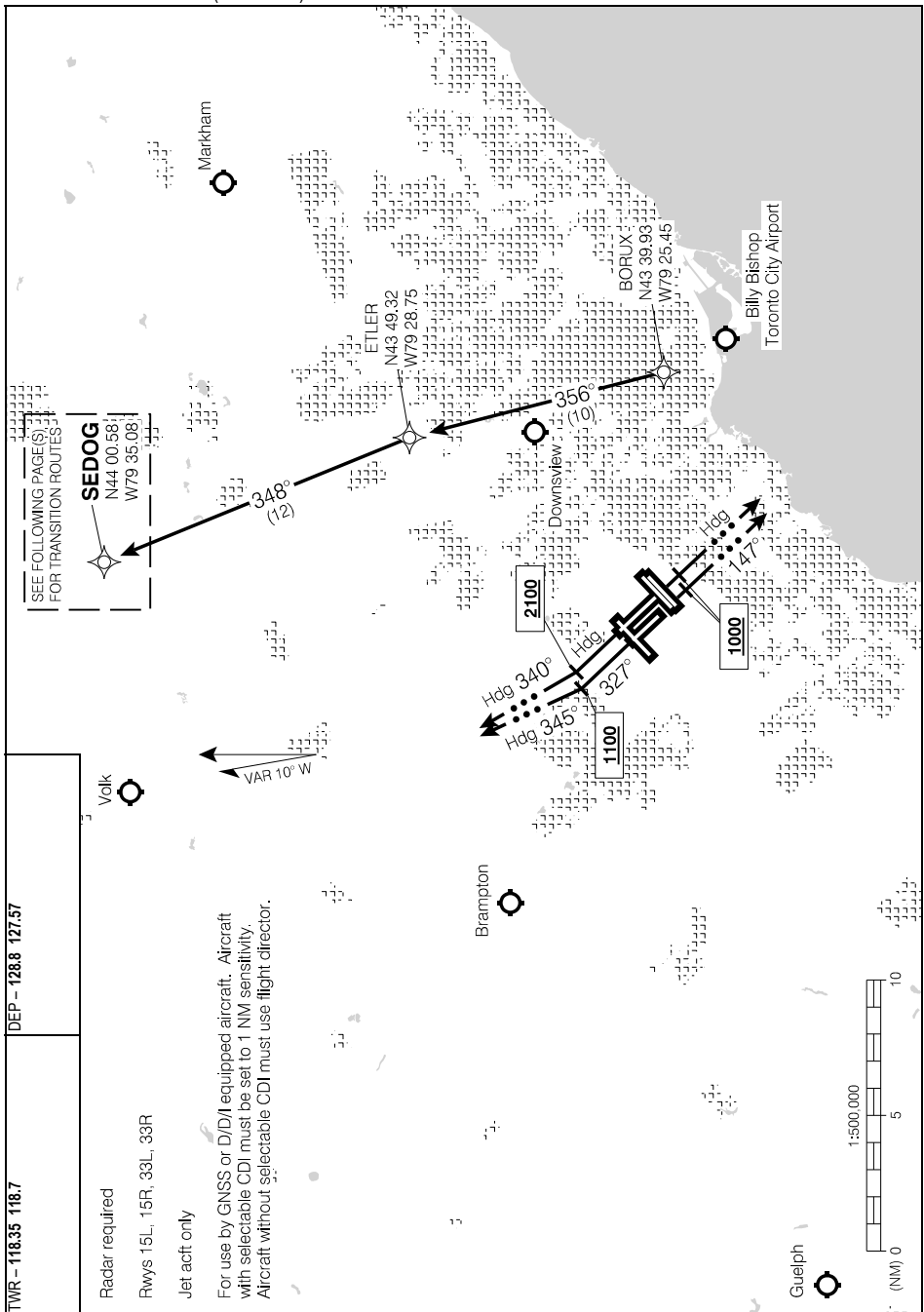
Caution:

Rwy 05, 06L, 06R, 23, 24L, 24R, Departures: Simultaneous parallel departures in use.

SEDOG SIX DEP (SEDOG6.) DEPARTURE ROUTES

SEDOG SIX DEP (SEDOG6.) DEPARTURE ROUTES

CYYZ



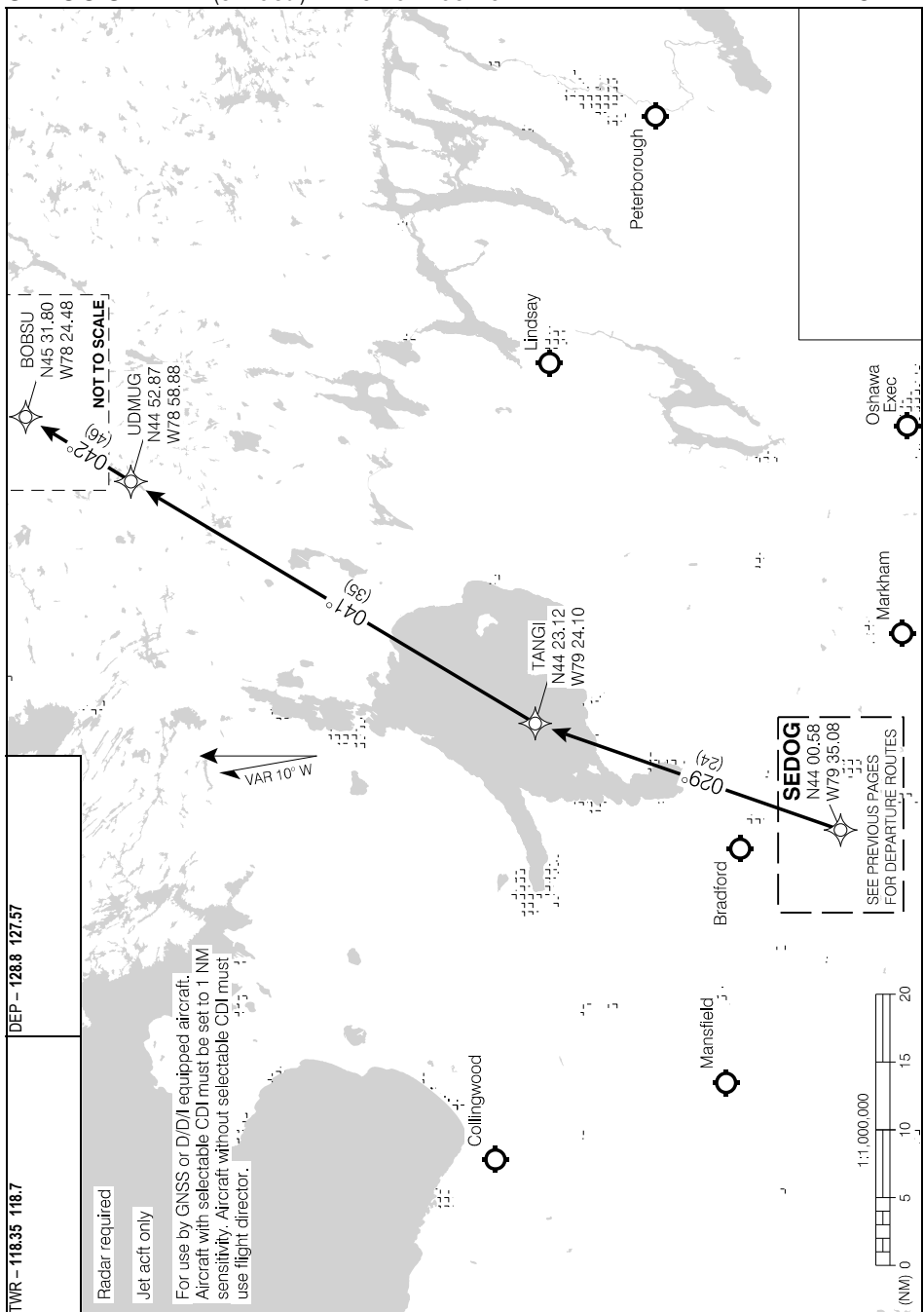
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

SEDOG SIX DEP (SEDOG6.) DEPARTURE ROUTES

CYYZ

EFF 30 NOV 23

SID (RNAV)
SEDOG SIX DEP (SEDOG6.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

SEDOG SIX DEP (SEDOG6.) TRANSITION ROUTES
EFF 19 MAY 22

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to PERLO (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to NADUM (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to NADUM (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to MAVAN (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to NUBAN (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to NUBAN (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

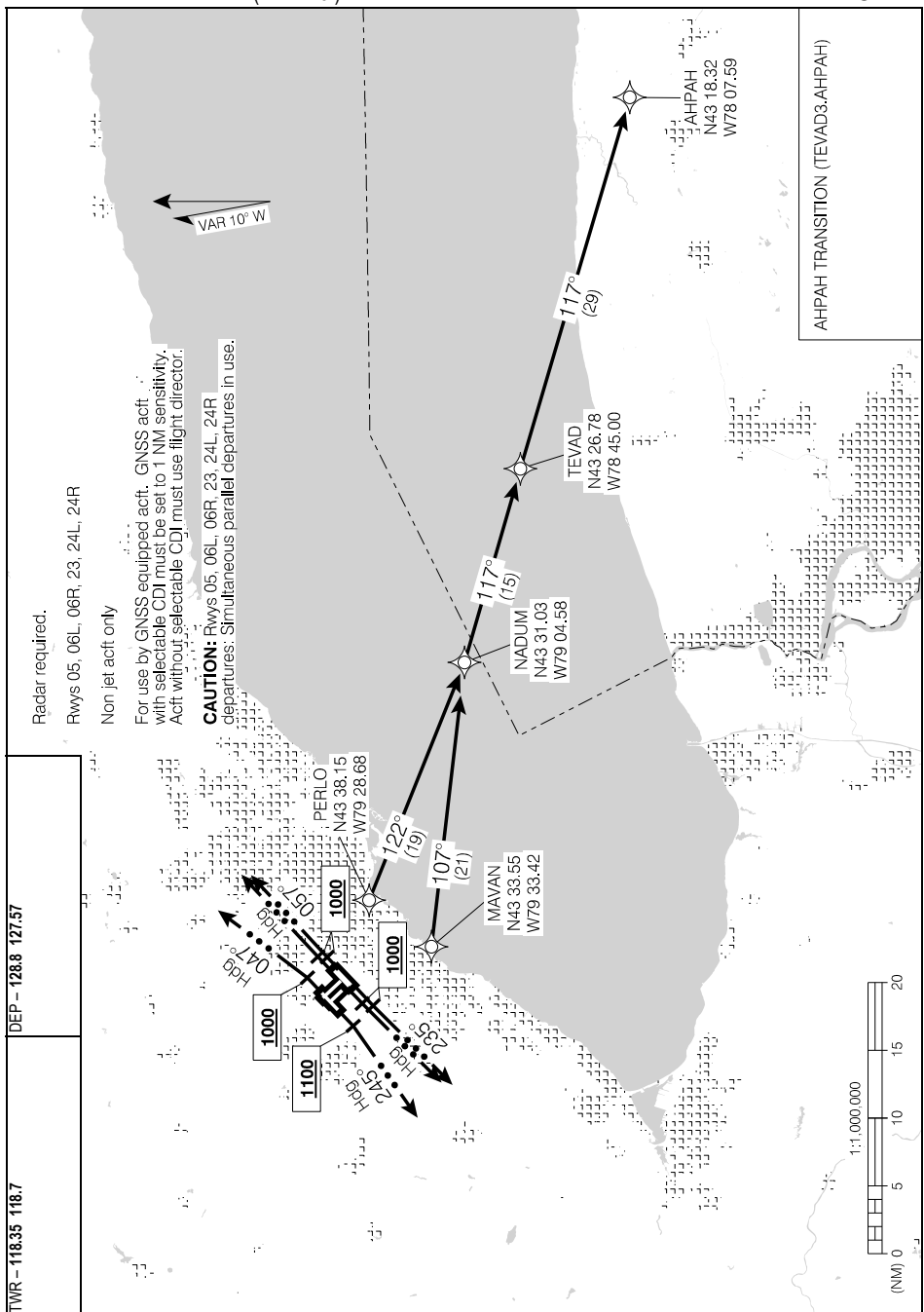
AHPAH TRANSITION: (TEVAD3.AHPAH)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)
TEVAD THREE DEP (TEVAD3.)



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TEVAD THREE DEP (TEVAD3.)
EFFECT 19 MAY 22

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

Note: Aircraft assigned a turn at take-off, commence turn at **1100**.

- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05 hdg **057°** to **1000**. Climbing LEFT turn hdg **047°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L hdg **057°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R hdg **057°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L hdg **147°** cross YTP 7.9 DME Ch 112(Y) at or above **3000**. Maintain hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R hdg **147°** cross YTP 7.9 DME Ch 112(Y) at or above **3000**. Maintain hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 23:** Depart rwy 23 hdg **237°** to **1100**. Climbing RIGHT turn hdg **245°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L hdg **237°**. At YYZ 1.6 DME Ch 58(Y), turn LEFT hdg **235°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R hdg **237°**. At YYZ 1.6 DME Ch 58(Y), turn LEFT hdg **235°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L hdg **327°** to **1100**. Climbing RIGHT turn hdg **345°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.
- Rwy 33R:** Depart rwy 33R hdg **327°** to **2100**. Climbing RIGHT turn to hdg **340°** or assigned hdg for vectors to assigned route. Climb to and maintain: Jet acft: **5000**, Non-Jet acft: **3000**.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

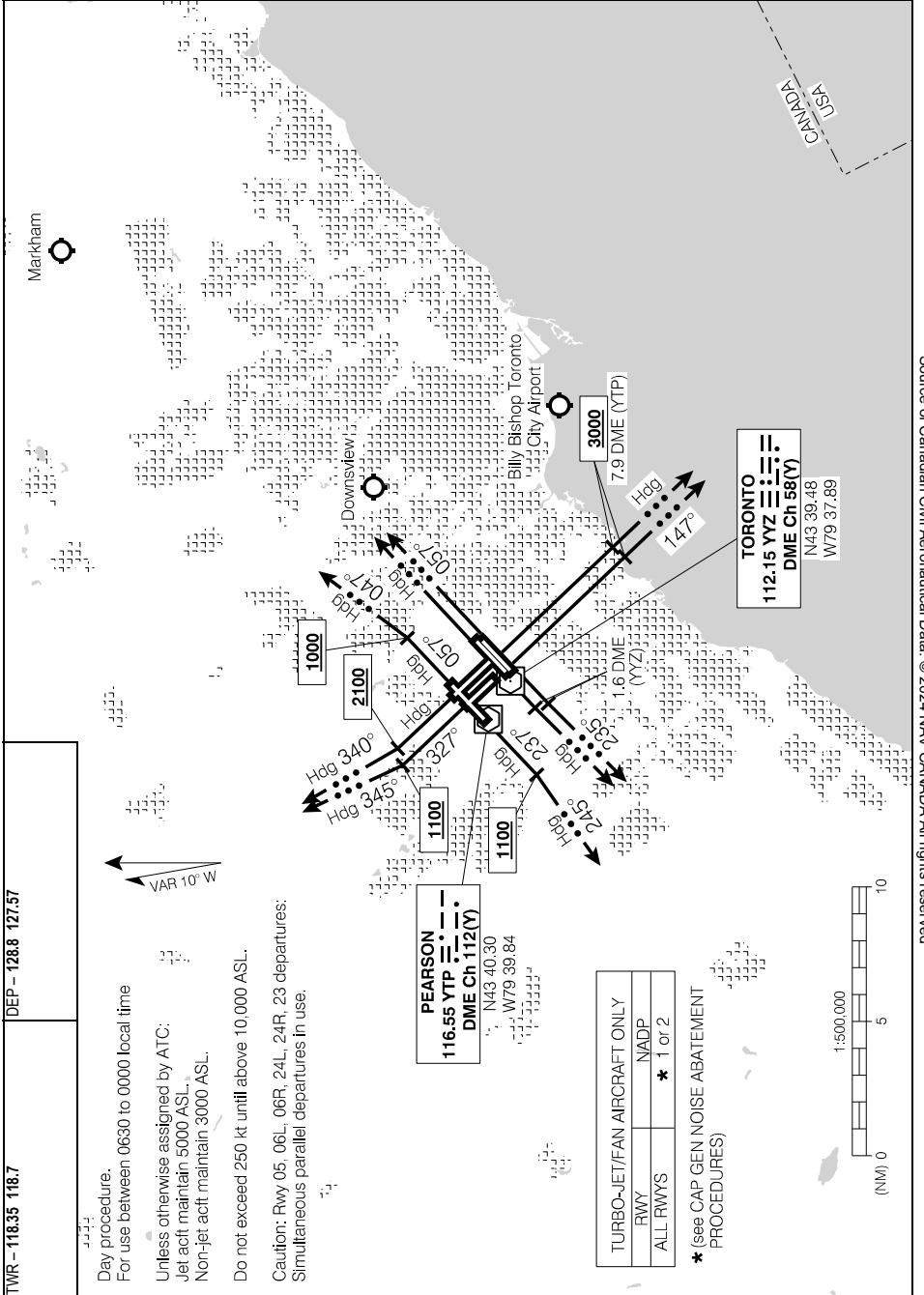
Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 DME (YYZ) proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (VECTOR)
TORONTO FOUR DEP (TRNT04.)

TORONTO/LESTER B. PEARSON INTL, ON
CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TORONTO FOUR DEP (TRNT04.)
EFF 30 NOV 23

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

- All rws:** Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy 05:** Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057° to 1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 06L:** Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 06R:** Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057° to 1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy 15L:** Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy 15R:** Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147° to 1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy 23:** Depart rwy 23, climb hdg **237° to 1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy 24L:** Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy 24R:** Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237° to 1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy 33L:** Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327° to 1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy 33R:** Depart rwy 33R, climb hdg **327° to 2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

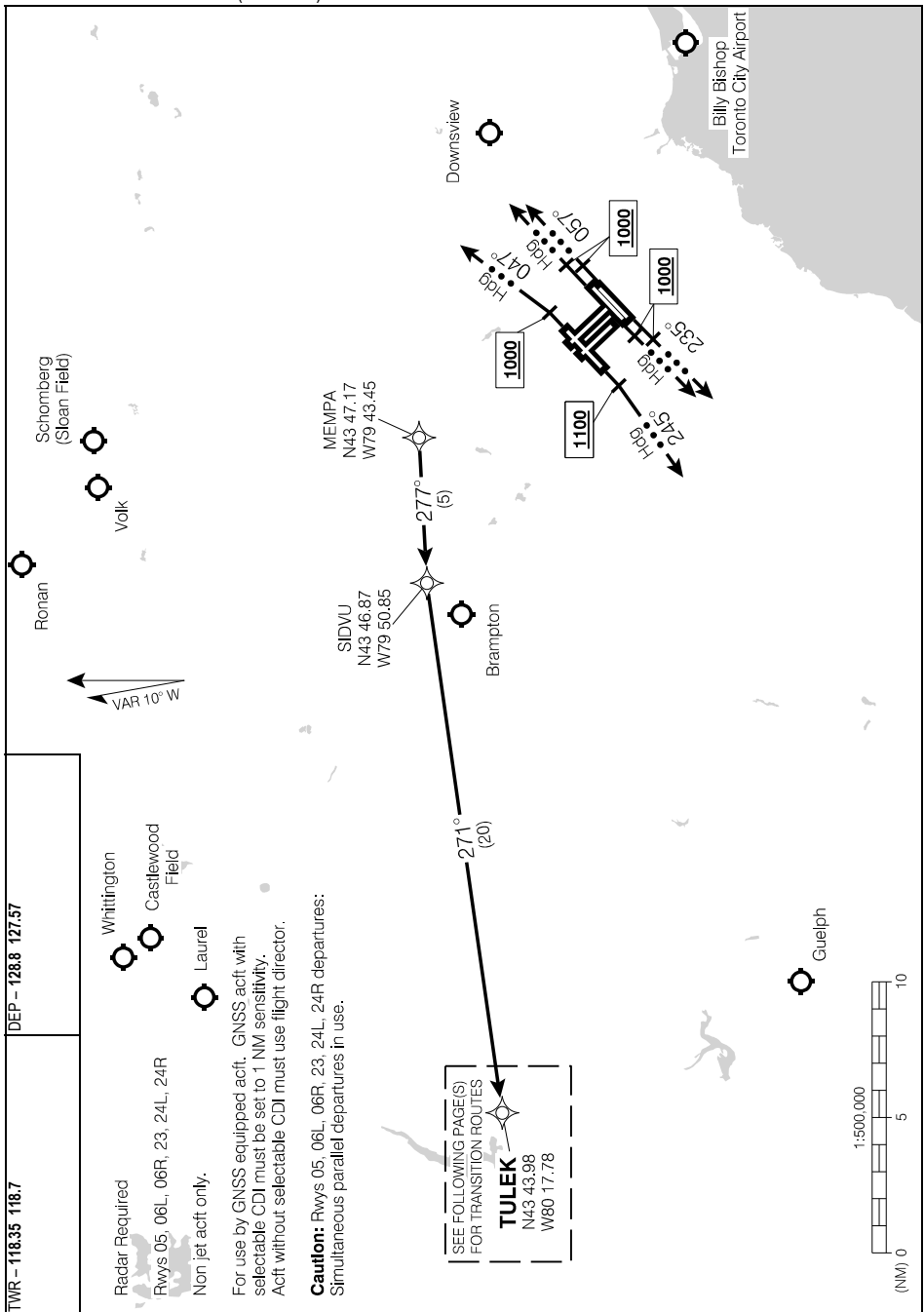
- SLLAP TRANSITION:** (TULEK4.SLLAP)
- HOCKE TRANSITION:** (TULEK4.HOCKE)
- IKMOK TRANSITION:** (TULEK4.IKMOK)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

TULEK FOUR DEP (TULEK4.) DEPARTURE ROUTES

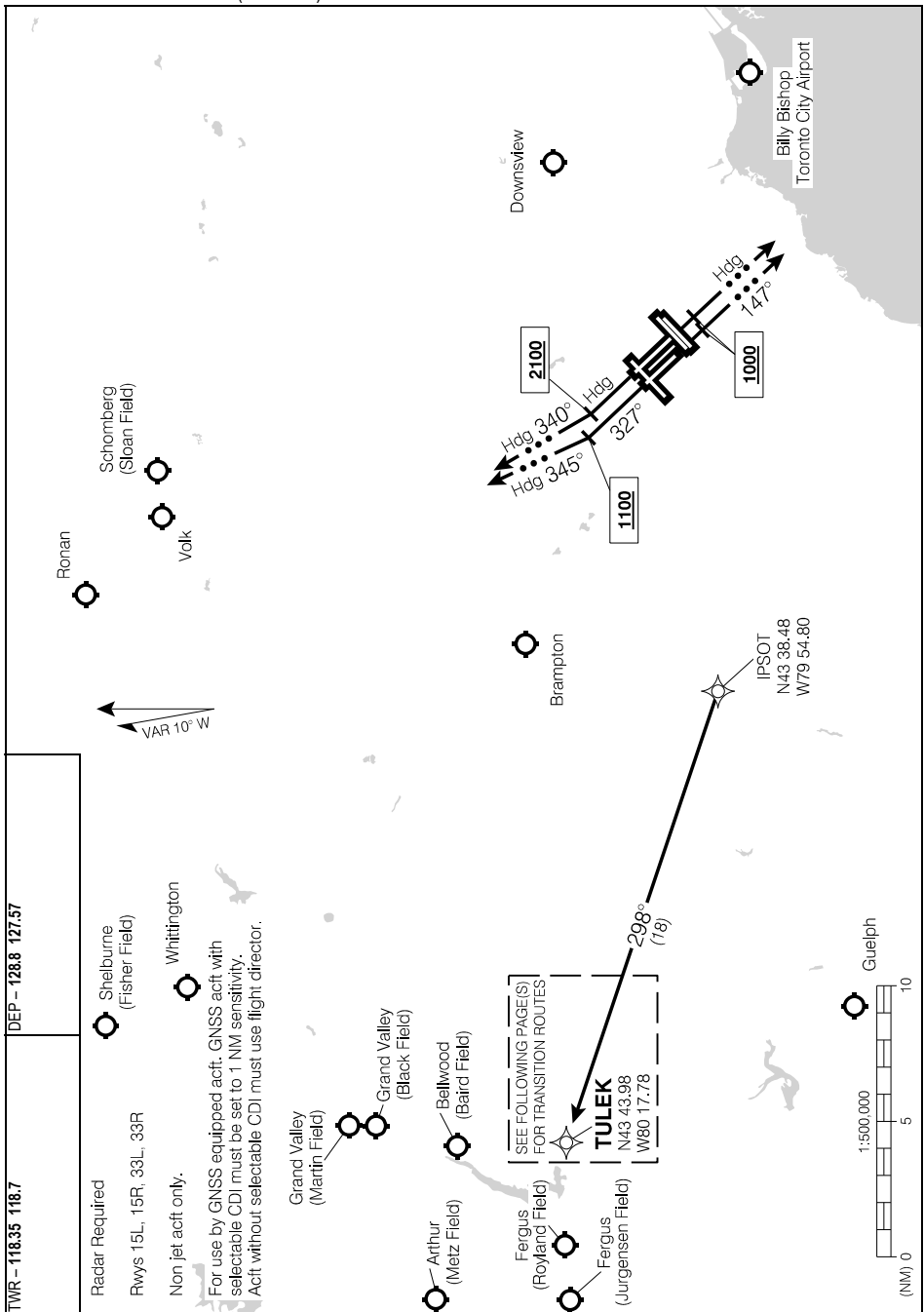


Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TULEK FOUR DEP (TULEK4.) DEPARTURE ROUTES

TULEK FOUR DEP (TULEK4.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

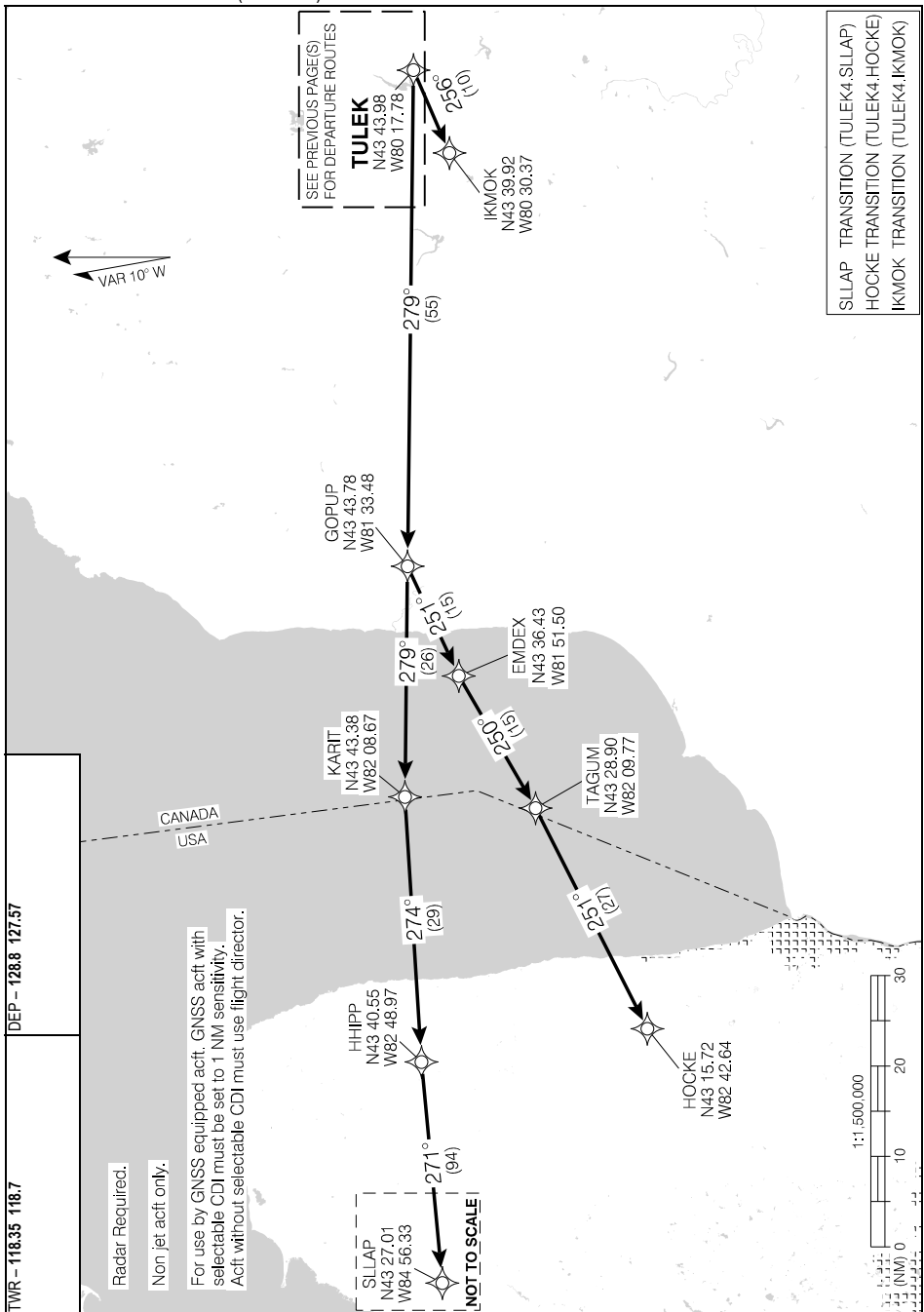
TULEK FOUR DEP (TULEK4.) DEPARTURE ROUTES

CYYZ

EFF 30 NOV 23

TULEK FOUR DEP (TULEK4.) TRANSITION ROUTES

CYYZ



TWR - 118.35 118.7

DEP - 128.8 127.57

Radar Required.

Non jet acft only.

For use by GNSS equipped acft. GNSS acft with selectable CDI must be set to 1 NM sensitivity. Acft without selectable CDI must use flight director.

SLAP TRANSITION (TULEK4-SLLAP)
HOCKE TRANSITION (TULEK4-HOCKE)
IKMOK TRANSITION (TULEK4-IKMOK)

TULEK FOUR DEP (TULEK4.) TRANSITION ROUTES

CYYZ

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **5000**.

Rwy 05: Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057°** to **1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to KEDSI (or as assigned) then proceed via depicted route.

Rwy 06L: Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057°** to **1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to KEDSI (or as assigned) then proceed via depicted route.

Rwy 06R: Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057°** to **1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to KEDSI (or as assigned) then proceed via depicted route.

Rwy 15L: Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147°** to **1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BOVAL (or as assigned) then proceed via depicted route.

Rwy 15R: Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147°** to **1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to BOVAL (or as assigned) then proceed via depicted route.

Rwy 23: Depart rwy 23, climb hdg **237°** to **1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.

Rwy 24L: Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237°** to **1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.

Rwy 24R: Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237°** to **1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TILAM (or as assigned) then proceed via depicted route.

Rwy 33L: Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327°** to **1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to TETAD (or as assigned) then proceed via depicted route.

Rwy 33R: Depart rwy 33R, climb hdg **327°** to **2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to TETAD (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

KASSED TRANSITION: (URSAL4.KASED)

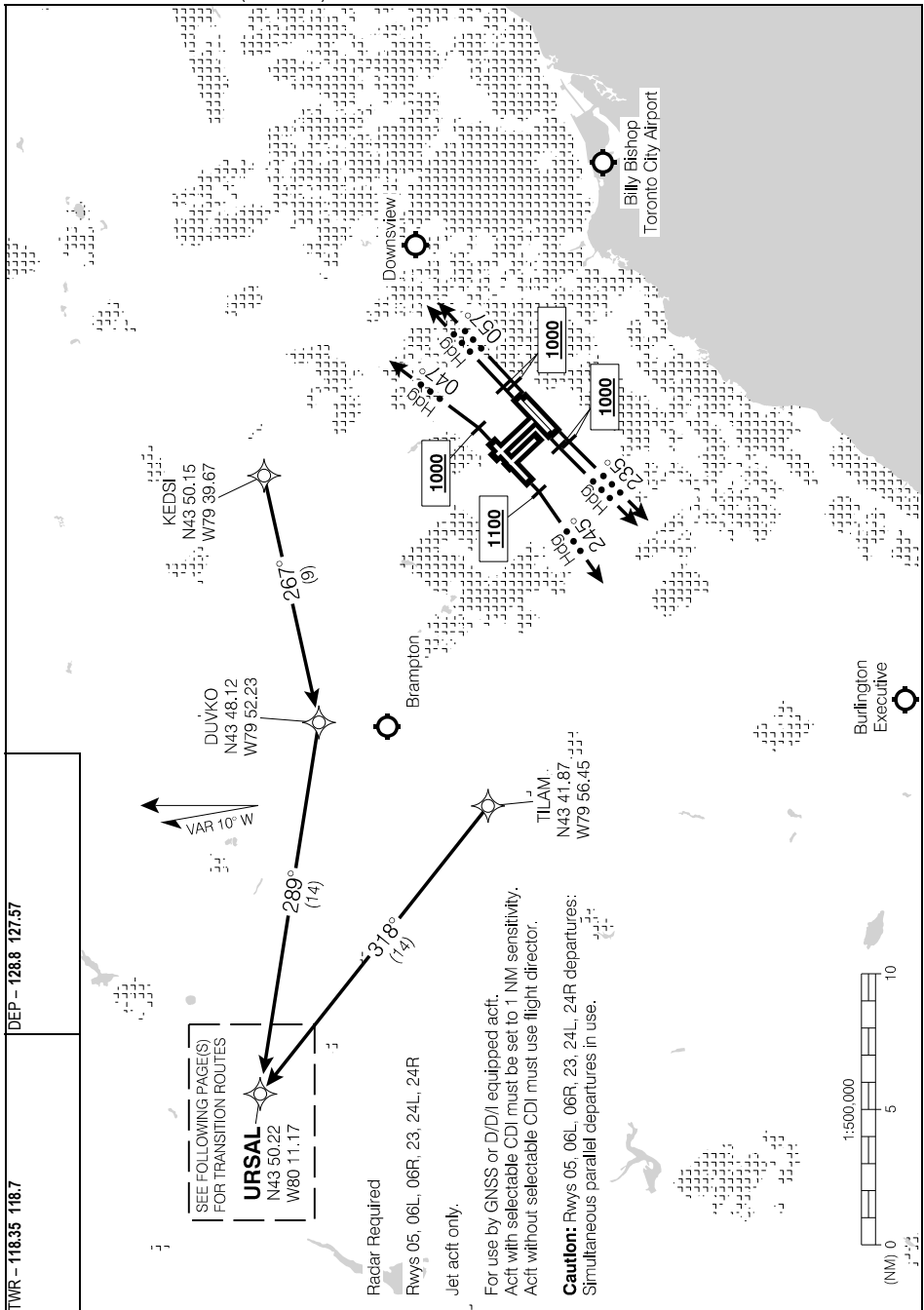
ZOHAN TRANSITION: (URSAL4.ZOHAN)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

URSAL FOUR DEP (URSAL4.) DEPARTURE ROUTES



TWR - 118.35 118.7
 DEP - 128.8 127.57

SEE FOLLOWING PAGE(S)
 FOR TRANSITION ROUTES

URSAL
 N43 50.22
 W80 11.17

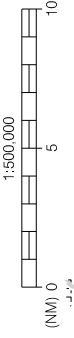
Radar Required

Rwys 05, 06L, 06R, 23, 24L, 24R

Jet a/c only.

For use by GNSS or D/D/I equipped a/c.
 A/c with selectable CDI must be set to 1 NM sensitivity.
 A/c without selectable CDI must use flight director.

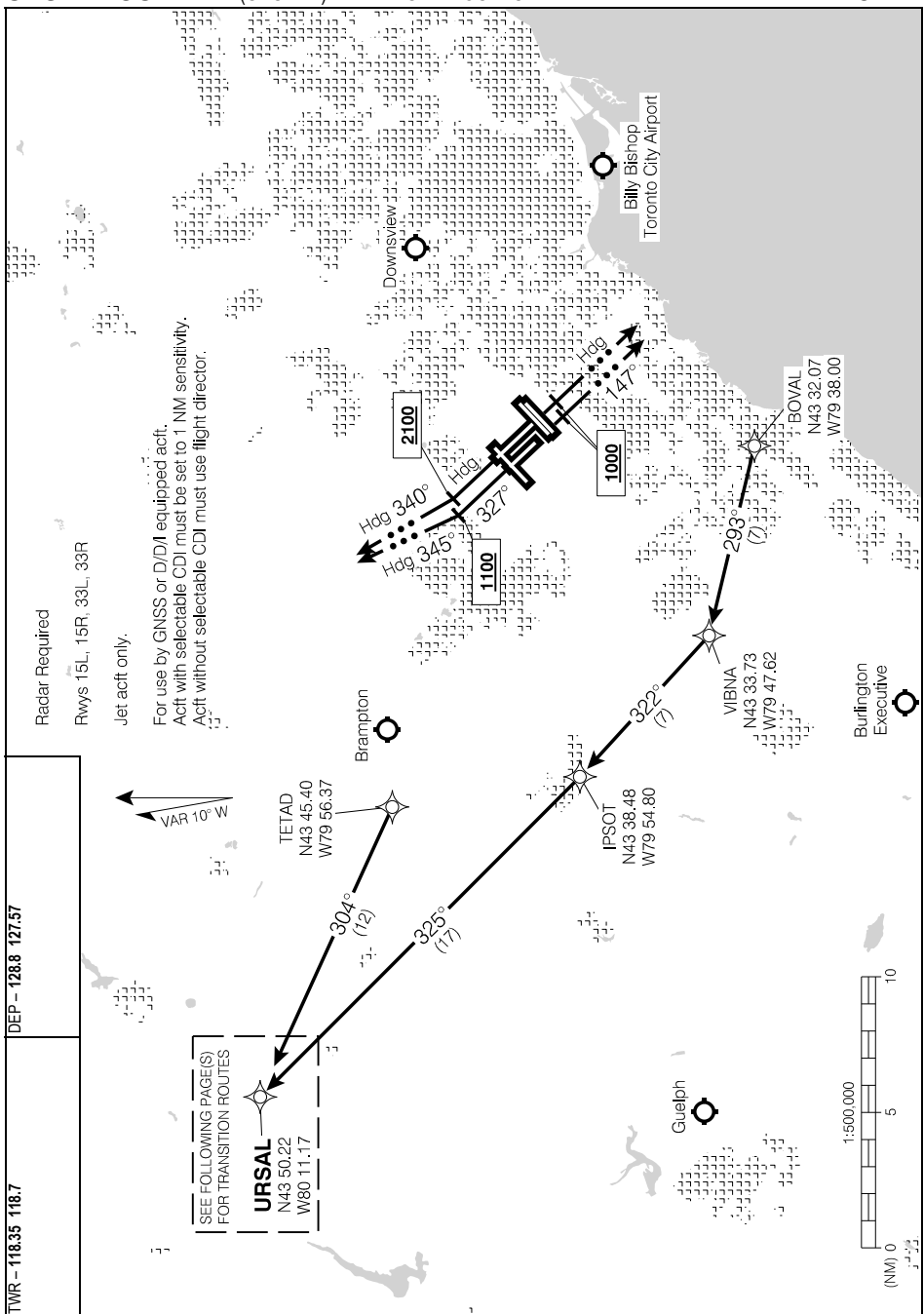
Caution: Rwys 05, 06L, 06R, 23, 24L, 24R departures;
 Simultaneous parallel departures in use.



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

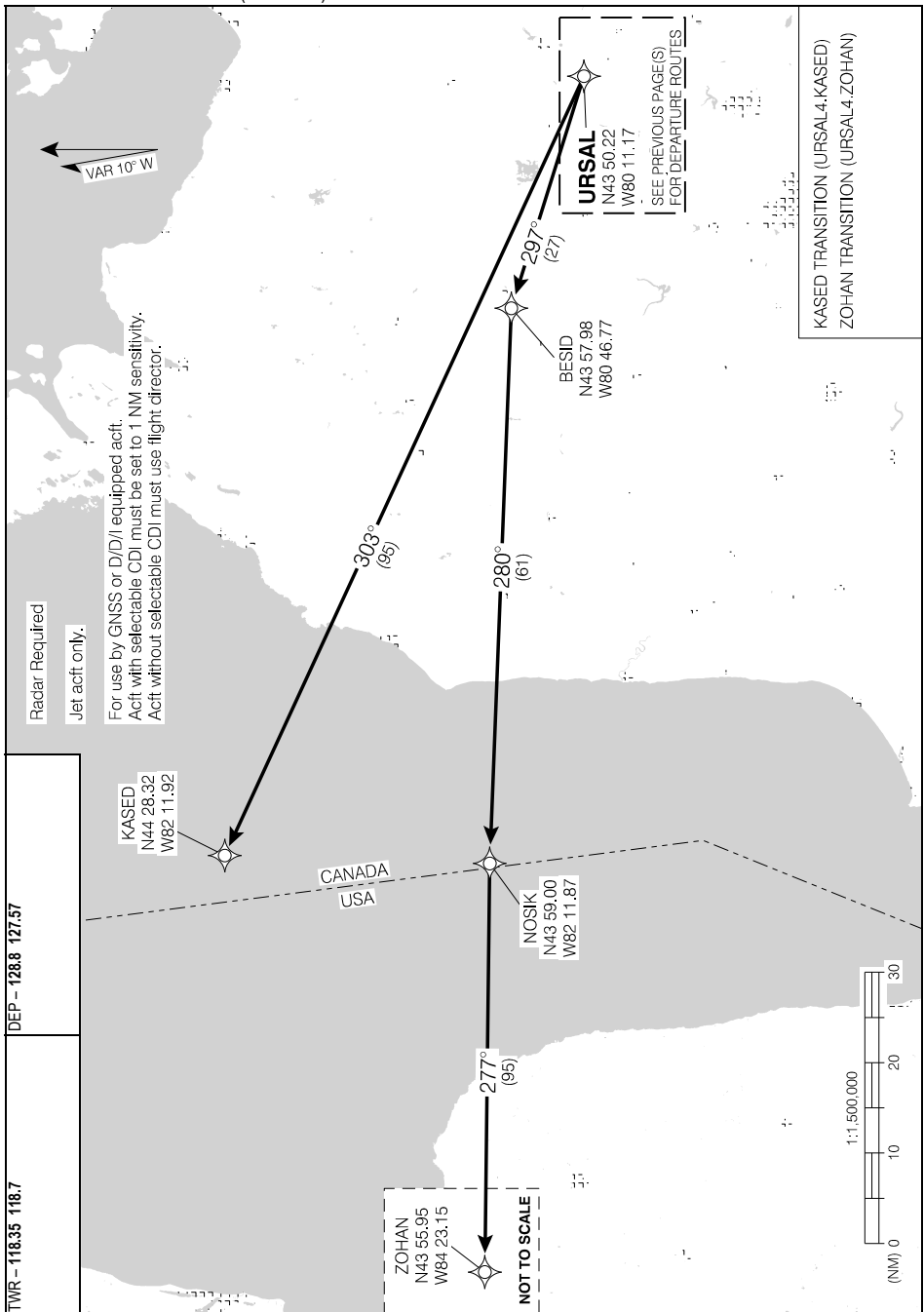
URSAL FOUR DEP (URSAL4.) DEPARTURE ROUTES

URSAL FOUR DEP (URSAL4.) DEPARTURE ROUTES



URSAL FOUR DEP (URSAL4.) DEPARTURE ROUTES

URSAL FOUR DEP (URSAL4.) TRANSITION ROUTES



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

URSAL FOUR DEP (URSAL4.) TRANSITION ROUTES

EFF 19 MAY 22

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **5000**.

Rwy 05: Requires a minimum climb gradient of **360 ft/NM to 2700**. Depart rwy 05, climb hdg **057°** to **1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to ALKUT (or as assigned) then proceed via depicted route.

Rwy 06L: Requires a minimum climb gradient of **400 ft/NM to 2700**. Depart rwy 06L, climb hdg **057°** to **1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to ALKUT (or as assigned) then proceed via depicted route.

Rwy 06R: Requires a minimum climb gradient of **390 ft/NM to 2700**. Depart rwy 06R, climb hdg **057°** to **1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to ALKUT (or as assigned) then proceed via depicted route.

Rwy 15L: Requires a minimum climb gradient of **390 ft/NM to 3000**. Depart rwy 15L, climb hdg **147°** to **1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ALKUT (or as assigned) then proceed via depicted route.

Rwy 15R: Requires a minimum climb gradient of **380 ft/NM to 3000**. Depart rwy 15R, climb hdg **147°** to **1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to ALKUT (or as assigned) then proceed via depicted route.

Rwy 23: Depart rwy 23, climb hdg **237°** to **1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.

Rwy 24L: Requires a minimum climb gradient of **270 ft/NM to 1700**. Depart rwy 24L, climb hdg **237°** to **1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.

Rwy 24R: Requires a minimum climb gradient of **260 ft/NM to 1700**. Depart rwy 24R, climb hdg **237°** to **1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to SAVUR (or as assigned) then proceed via depicted route.

Rwy 33L: Requires a minimum climb gradient of **250 ft/NM to 900**. Depart rwy 33L, climb hdg **327°** to **1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to VIVET (or as assigned) then proceed via depicted route.

Rwy 33R: Depart rwy 33R, climb hdg **327°** to **2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to VIVET (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

ELSUB TRANSITION: (VERD07.ELSUB)
IPTOS TRANSITION: (VERD07.IPTOS)
LORKA TRANSITION: (VERD07.LORKA)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

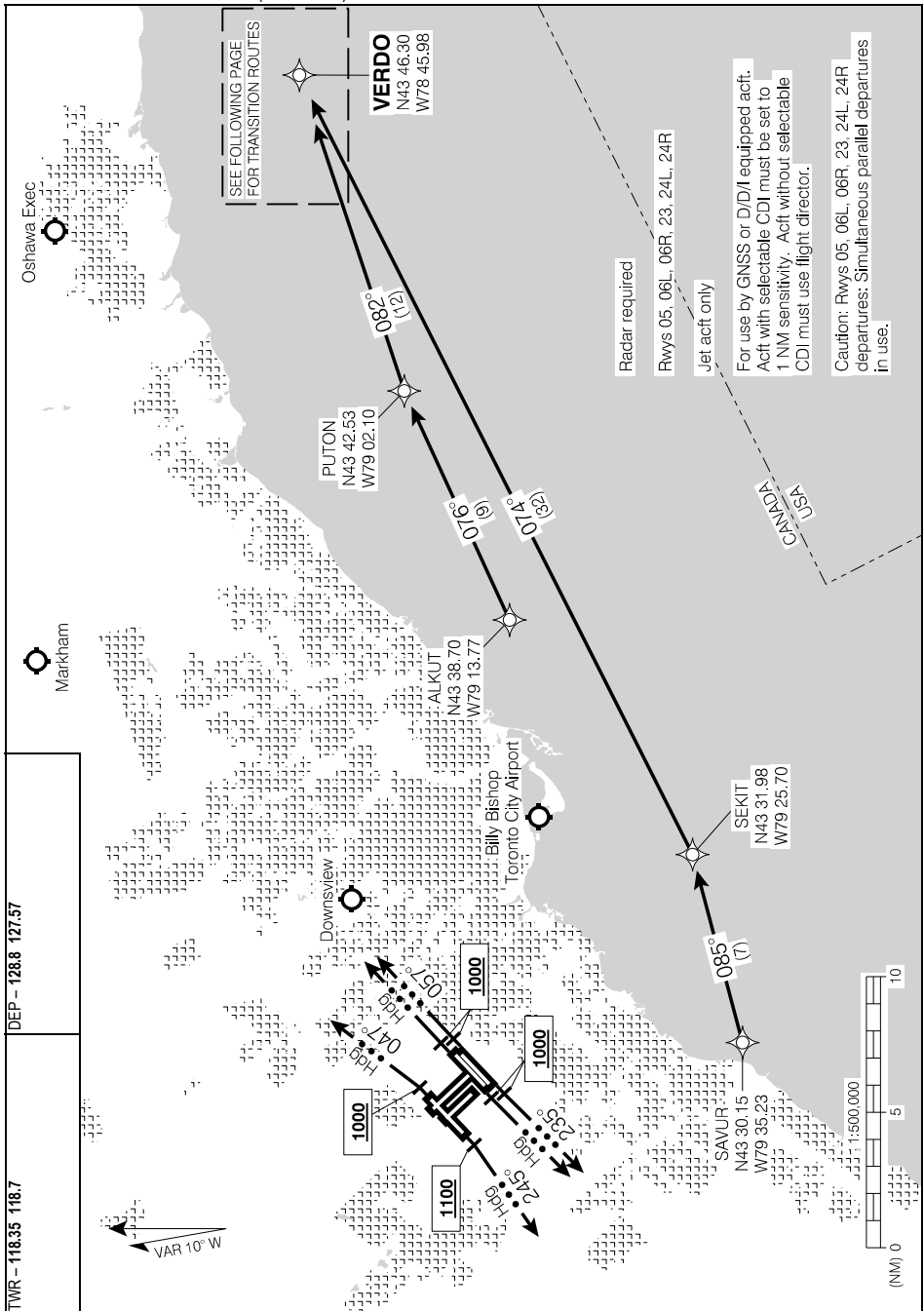
1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.

SID (RNAV)

TORONTO/LESTER B. PEARSON INTL, ON

VERDO SEVEN DEP (VERD07.) DEPARTURE ROUTES

CYYZ



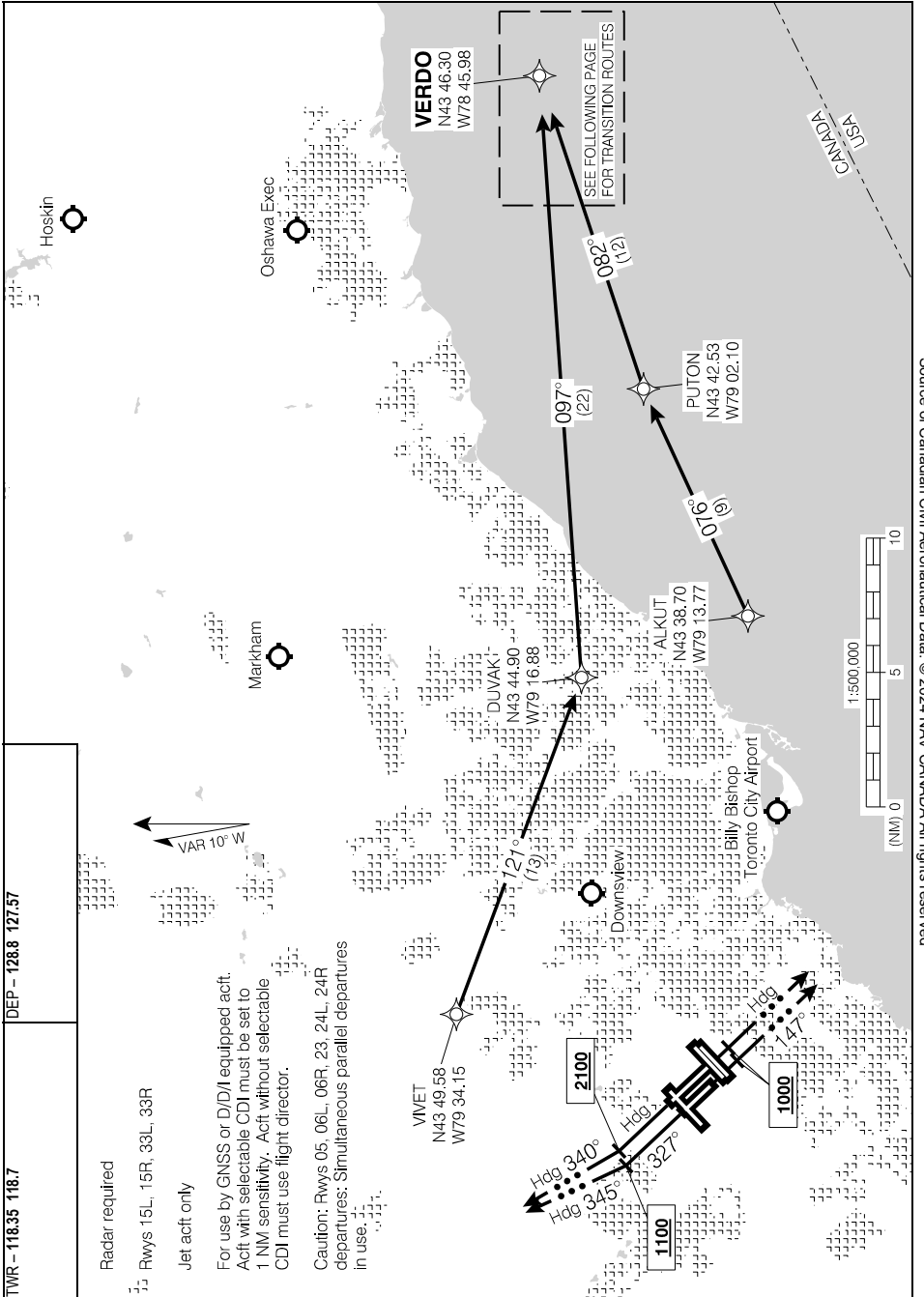
VERDO SEVEN DEP (VERD07.) DEPARTURE ROUTES

CYYZ

EFF 30 NOV 23

VERDO SEVEN DEP (VERD07.) DEPARTURE ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

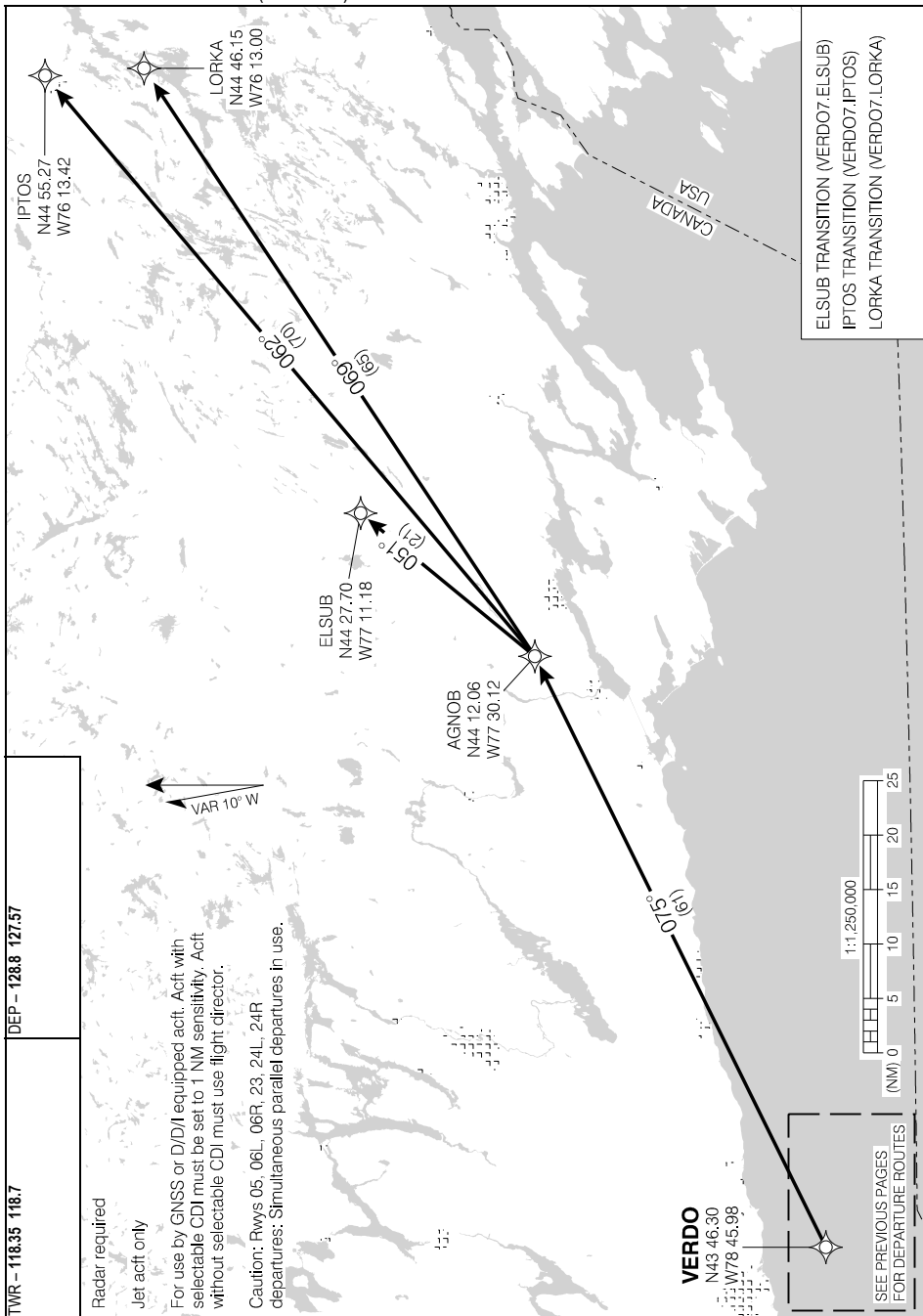
VERDO SEVEN DEP (VERD07.) DEPARTURE ROUTES

CYYZ

EFF 30 NOV 23

VERDO SEVEN DEP (VERD07.) TRANSITION ROUTES

CYYZ



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TWR - 118.35 118.7
 DEP - 128.8 127.57

Radar required

Jet a/cft only

For use by GNSS or D/D/I equipped a/cft. A/cft with selectable CDI must be set to 1 NM sensitivity. A/cft without selectable CDI must use flight director.

Caution: Rwy 05, 06L, 06R, 23, 24L, 24R departures; Simultaneous parallel departures in use.

VERDO
 N43 46.30
 W78 45.98

SEE PREVIOUS PAGES FOR DEPARTURE ROUTES

VERDO SEVEN DEP (VERD07.) TRANSITION ROUTES

CYYZ

EFF 19 MAY 22

DEPARTURE PROCEDURE

Departure Procedure

Rwy 05 – ½: Requires a minimum climb gradient of **360** ft/NM to **2700**.

Note: Fence to 575 ASL aprx 300' past departure end of rwy, 550' RIGHT of rwy centreline.

Rwy 06L – ½: Requires a minimum climb gradient of **400** ft/NM to **2700**.

Note: Building to 612 ASL aprx 0.3 NM past departure end of rwy, 1010' LEFT of rwy centreline.

Rwy 06R – ½: Requires a minimum climb gradient of **390** ft/NM to **2700**.

Rwy 15L – ½: Requires a minimum climb gradient of **390** ft/NM to **3000**.

Note: Tower to 656 ASL aprx 0.6 NM past departure end of rwy, 1300' LEFT of rwy centreline.

Rwy 15R – ½: Requires a minimum climb gradient of **380** ft/NM to **3000**.

Rwy 23 – ½:

Note: Light poles to 609 ASL aprx 0.3 NM past departure end of rwy, 450' RIGHT of rwy centreline.

Rwy 24L – ½: Requires a minimum climb gradient of **270** ft/NM to **1700**.

Rwy 24R – ½: Requires a minimum climb gradient of **260** ft/NM to **1700**.

Rwy 33L – ½: Requires a minimum climb gradient of **250** ft/NM to **900**.

Note: Buildings to 607 ASL aprx 0.3 NM past departure end of rwy, 1000' LEFT of rwy centreline.

Rwy 33R – ½: Climb hdg **327°** to **2100** BPOC.

Note: Trees to 610 ASL aprx 0.3 NM past departure end of rwy, 1000' RIGHT of rwy centreline.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NOISE OPERATING RESTRICTIONS

**Noise Operating Restrictions
and Noise Abatement Procedures**

A. General

Pursuant to CAR 602.105 and CAR 602.106, Noise Operating Restrictions and Noise Abatement Procedures apply, at Toronto/Lester B. Pearson Intl Airport, to all IFR and VFR Aircraft, unless otherwise specified.

B. Noise Operating Restrictions

Restrictions:

1. Arrivals and departures of all aircraft are restricted as per the table below:

Aircraft Noise Certification or Type	Restricted Hours – local time Arrivals & Departures
All non-noise certificated jet aircraft	2000 – 0800
All ICAO annex 16, vol 1 chapter 2 & equivalent aircraft	0000 – 0700
All ICAO annex 16, vol 1 chapter 3 & equivalent aircraft (subject to paragraph 4 or 5	0030 – 0630
All other aircraft (subject to paragraph 4 or 5)	0030 – 0630

2. Non-noise certificated jet powered aircraft are prohibited from departing on runways 05, 06L, 06R, 15L, 15R and 33L.
3. Between 0000 and 0630 local time, departures are prohibited on runways 05, 06L, 06R, 15L & 15R and arrivals are prohibited on runways 24R, 24L, 23, 33R, 33L and 15R unless assigned by ATC.
4. All aircraft operating on a scheduled and repetitive basis are required to obtain an extension or an exemption to operate during the restricted hours. Submit requests for operating extensions on the day of operation to the GTAA with justification at 416-776-3480 or 1-800-267-SLOT (7568), (Fax 416-776-5552). For advance exemption requests or information, make submission in writing to the:

Manager
Slots Coordination
Greater Toronto Airports Authority
Toronto Pearson International Airport
P.O. Box 6031, Toronto AMF, Ontario L5P 1B2
(Fax 416-776-3483)

5. **All other operators are required to obtain permission to operate during the restricted hours** by contacting the GTAA on the day of operation at 416-776-3480 or 1-800-267-SLOT (7568), (Fax 416-776-5552).

Preferential runway assignment (0000 – 0630 local time)

Consistent with operational safety (ie wind, weather, runway conditions, approach aid availability etc.), ATC will assign runways in the following order of priority:

Arrivals: 05 15L 06L

Departures: 23 33R 24R

Non-preferential runway request must be approved by the GTAA Airport Duty Manager at 416-776-1104.

Engine Run-ups

Between 0000 – 0700 local time, maintenance run-ups are prohibited unless authorized by the GTAA (416-776-3056).

Training Flights

Training flights are not permitted in the Toronto Control Zone from 0000 – 0700 local time. For other times, prior permission is required from Toronto ACC Flow Management Unit (905-676-3528 or 1-800-368-4831).

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Noise Operating Restrictions and Noise Abatement Procedures (cont'd)

C. Noise Abatement Procedures (General)

Reverse Thrust:

Consistent with safe operating procedures, plan landing using idle reverse thrust.

D. Noise Abatement Procedures (0700 – 2300 local time)

Except in emergencies, Noise Abatement Procedures, 1 and 2 below apply to all turbo-jet and turbo-fan powered aircraft.

1. Departure Procedure:

- a. NADP 1 or 2 is required for all runways. See CAP GEN.
- b. SID routing shall be followed to **3600'** ASL. For rwys 33L and 33R, no unauthorized turns till abeam YYZ R-343/4.0 DME.

NOTE: SID cancellation does not terminate Noise Abatement Procedure.

- c. Early turn – Rws 05, 06L, 06R, 23, 24L, 24R departures: Applies only to the following jet aircraft types – CRJ1, CRJ2, E135, E145, E45X, J328, CL60, C750, GLEX, GLF4, and GLF5. Commence turn assigned at take-off at **1100'** ASL.

2. Arrival Procedures:

Consistent with safety, crews shall minimize approach noise. For all approaches including visual approaches:

- a. Maintain **3000'** ASL or above until intercepting extended runway centreline, and;
- b. Intercept extended runway centreline at or outside Final Approach Fix, then;
- c. Remain on or above glide slope or assumed 3.0° glide slope.

E. Noise Abatement Procedures (2301 – 0659 local time)

Procedures:

- Procedures "D1 b.", and "D2" apply to all aircraft.
- Departure procedure "D1 a." applies to Turbo-jet and Turbo-fan powered aircraft only.

AERODROME CHART (HIGH INTENSITY RUNWAY OPERATIONS – HIRO)

CYYZ

LDA for High Intensity Runway Operations				
From threshold rwy:	To exit point	LDA in ft	Preferred exit for med/heavy jet transport	Preferred exit for prop/turboprop transport
05	15R F P H3 15L B	5030 5630 6570 6670 8536 9278	H3	H3
06L	C1 C3	4790 6797	C3	C1
06R	D1 D3 D5	4424 5682 7483	D3 D5	D1
15L	B4 R S B1 B3	4050 5118 6154 6500 8250	B1 B3	B1
15R	F1	6276	F1	F1
23	H3 P F 15R H2 H4 J2	3427 3516 4449 5064 5176 6593 7577	H2 H4	H2
24L	D2 D4 D8	4061 5682 7883	D4 D8	D2
24R	C2 C4	5090 6984	C2 C4	C2
33L	F2 F4 H 05	4860 6060 6680 7424	F2 F4	F2
33R	B3 B1 S/B2 R B4 H 23	2805 4550 4895 5920 6994 9160 9900	B2 B4	B2

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

CYYZ

AERODROME CHART (REDUCED TAKE-OFF RUNS)

When authorized by ATC, intersection departures are available as follows:

RUNWAY	INTERSECTION	RUNWAY REMAINING
05	J2	8120
	H4	7129
	H6	10512
06L	D4	7763
	C4	7182
06R	D8	7883
	D4	5682
	Y	4401
15L	H	8996
	N	7766
	B4	6841
15R	H	7270
	F4	6633
23	H/J	10246
	B	9058
24L	D5	7381
	Y	4753
	W	6567
24R	D5	7973
	C3	6693
33L	F1	6854
33R	V	10669
	T	9219
	B3	8251

Departures from holding bay inner centerlines rwy 06L/D6, 24R/C5 and 05/H6 subtract 263' from declared distances.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

ADVISORY CHART

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.07 (S) 122.82 GND - 121.9 121.65 119.1 PAD CTL - 131.17 131.95	TWR - 118.35 118.7
---------------------	---	--------------------



 VAR 10° W
 2003
 ANNUAL RATE
 OF CHANGE 0'

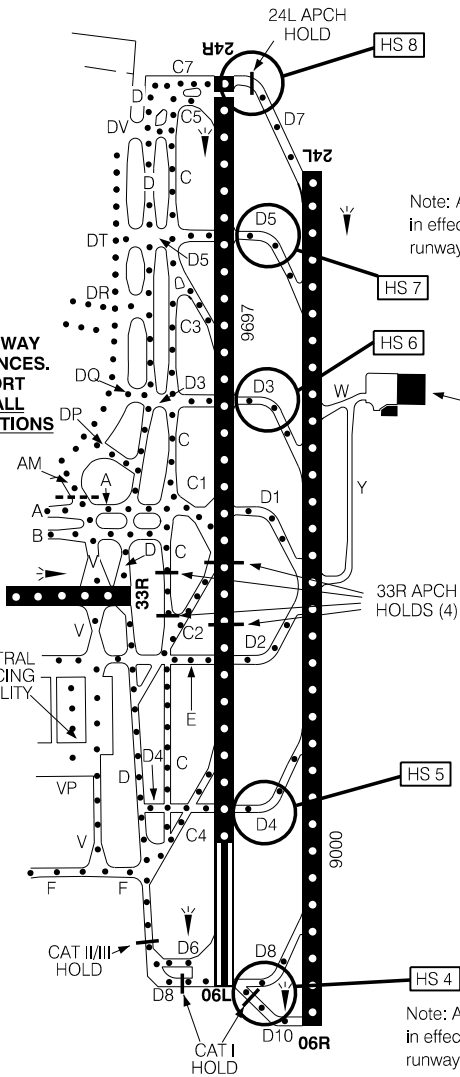
CAUTION: BE ALERT TO RUNWAY 06L/24R CROSSING CLEARANCES. BE PREPARED TO STOP SHORT OF 06L/24R. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

* See TAXI CHART for:
Taxiway notes, De-icing operations and Hot Spots

NOTE

Multilateration:
Pilots must keep their transponder on at all times when maneuvering on the aprt, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

CENTRAL DE-ICING FACILITY



Note: Angled runway hold position in effect on taxiway D5 south of runway 06L/24R.

SKYSERVICE SOUTH

Note: Angled runway hold position in effect on taxiway D4 south of runway 06L/24R.



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAXI CHART

Notes

Twy "K" is uncontrolled and is restricted to aircraft with wingspans of 41.15m/135ft (B757W) or less and an Aircraft Load Rating of 9.0 or less. Other aircraft may be authorized with prior approval from operator (416) 776-3056.

Discretionary oversteering required for aircraft with wingspans 38m/124ft (B757) or greater:

- Rwy 06L onto "E", "D3" and "D5".
- Rwy 24R onto "D3", "E", "D4" and "D10/D8 southbound".

A340-500/600, A350-900/1000, B777-300, and A380 discretionary oversteering required at all intersections.

Specific aircraft operations plan in effect for aircraft with wingspans 65m/214ft up to 79.9m/262ft. Restrictions in place include;

- No holding short of Runway 06L/24R after exit from Runway 06R/24L.
- Aircraft (as defined above) operations on any parallel taxiway system, such as Alpha-Bravo, Charlie-Delta, or Delta-Victor (Alpha to Echo), restrict operations on adjacent taxiway to aircraft with wingspans less than 36m.
- Strict adherence to taxiway centre line is required all times.
- Discretionary oversteering is required at all intersections.
- No taxiing on apron taxi lane between AJ and AK (between gates C31-C34).
- No taxiing on apron taxi lane between AJ and AT (between gates B15-B18).
- No turns from twy E onto CDF Pads 1 through 6.
- When aircraft on taxilane 5S, strict adherence to centreline. Taxilane 5 between 5A and 5D closed. Taxilane 6 between 6A and 6C closed, remainder of taxilane 6 restricted to aircraft with wingspan less than 36m/118'. Simultaneous use of taxilane 7 & 8, max span 64.9m/213'.
- No taxiing on twy D between twy D4 and twy E.
- No taxiing on twy B between rwy 05/23 and twy J.
- When aircraft taxiing within Holding Bays rwys 06L/24R/05, adjacent parallel taxilane restricted to aircraft with wingspans less than 36m.
- Tow only authorized onto parking stands H1 and H10.

While taxiing on twy V (Pad 1) and twy T (Pad 5) through the CDF strict adherence to the centreline is required. When in contact with ATC use Centre Lane. When in contact with Pad Control or Iceman, use assigned Lane. Pad 1 (twy V) and Pad 5 (twy T) Centre Lane will accommodate aircraft with wingspans 79.9m/261ft and smaller. Aircraft with wingspans less than 36m may use North/South Lanes.

TAXI CHART

Hot Spots

Note: HS 4 to 8 - Short distance between parallel runways. Manage your taxi speed. Expect to hold short of parallel runway.

HS 1 – Taxiing northbound on rwy 33R aircraft fail to hold short of and incur on rwy 05/23.

HS 2 – Taxiing northbound on twy B aircraft miss turn onto twy H and incur on rwy 05/23.

HS 3 – Taxiing eastbound on twy H aircraft continue onto twy Q and incur on rwy 23.

HS 4 – Exiting rwy 24L onto twy D8 aircraft fail to hold short of and incur on rwy 06L/24R.

HS 5 – Exiting rwy 24L onto twy D4 aircraft fail to hold short of and incur on rwy 06L/24R.

Note: Angled rwy hold position in effect on twy D4 south of rwy 06L/24R.

HS 6 – Exiting rwy 06R onto twy D3 aircraft fail to hold short of and incur on rwy 06L/24R.

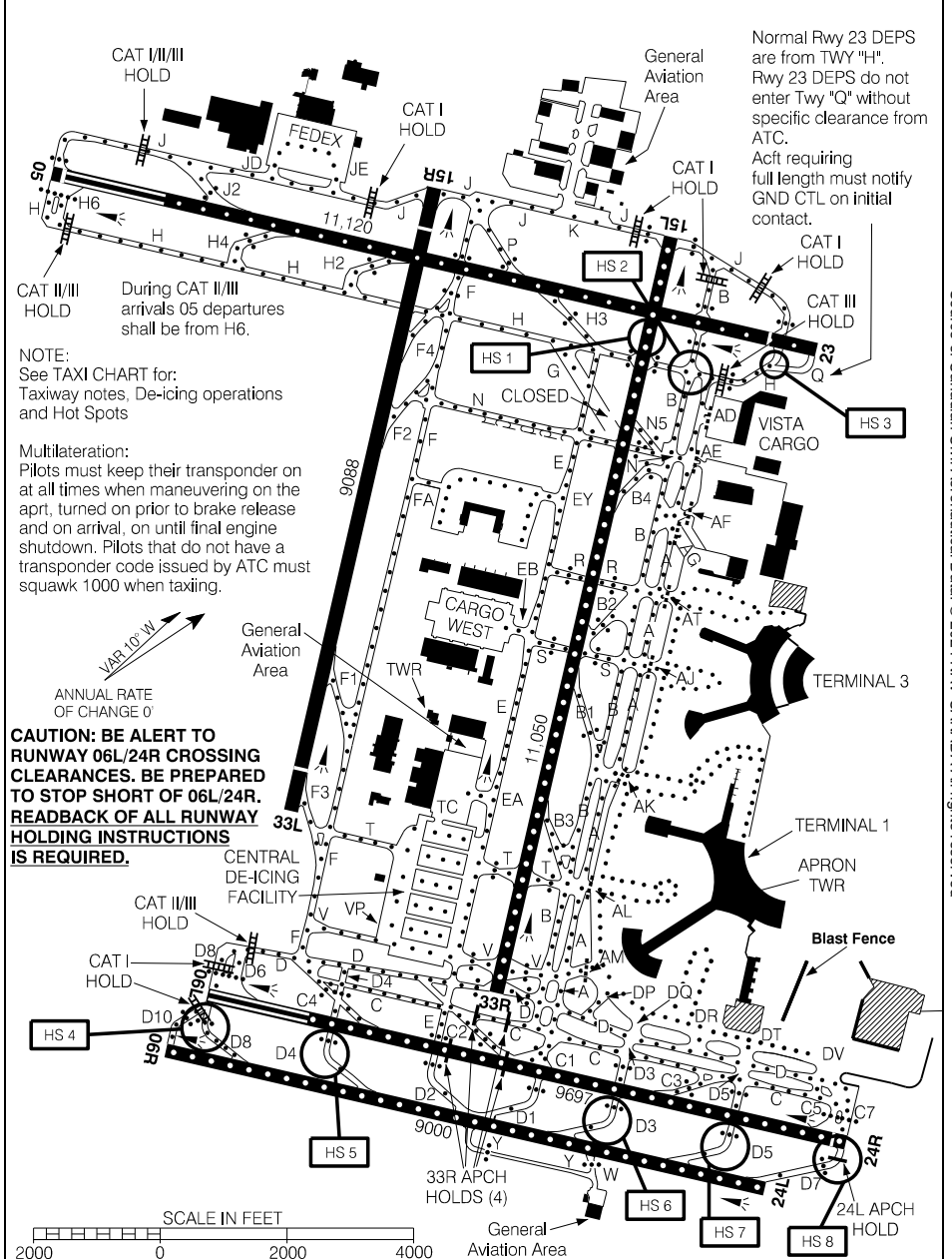
HS 7 – Exiting rwy 06R onto twy D5 aircraft fail to hold short of and incur on rwy 06L/24R.

Note: Angled rwy hold position in effect on twy D5 south of rwy 06L/24R.

HS 8 – Taxiing southbound on twy D7 aircraft fail to hold short of the 24L approach hold line and incur on rwy 06R/24L.

TAXI CHART

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.07 (S) 122.82 GND - 121.9 121.65 119.1 PAD CTL - 131.17 131.95	TWR - 118.35 118.7
---------------------	---	--------------------



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

TAXI CHART

EFF 10 AUG 23

CYYZ

LOW VISIBILITY PROCEDURES

Low Visibility Procedures (RVR less than 1200 to 600 ft)**Application**

These procedures apply to ground movements of aircraft arriving and departing under low visibility conditions. Arrivals and departures below RVR 600 are not authorized. When weather conditions indicate visibility below RVR 1200 is imminent, procedures will be implemented restricting aircraft and vehicle operations on the movement area. The following message will be added to the ATIS broadcast:

“LOW VISIBILITY PROCEDURES IN EFFECT”

General**Low Visibility Taxi Routes**

Typical taxi routes are shown on the Low Visibility Taxi Charts. Taxiway surfaces are painted with enhanced yellow and black centerline markings. In addition, taxiways A, C, F, H, J, N, T, P, R, S, V, E, D, B, T1, and T3 aprons are equipped with green centreline lights. Yellow in-set taxiway intersection lights that consist of three lights spaced 1.5 meters apart at 90 degrees to the direction of travel are located at taxiway/taxiway intersections and apron entry/exit points coincident with lighted locations signs. Aircraft may be directed to hold or report by any of these positions.

Airport Surface Detection Equipment (ASDE)

Ground radar is used to monitor the position of aircraft operating on the manoeuvring area. In the event of an ASDE failure, ATC may suspend, restrict or terminate low visibility operations.

Departures

When low visibility procedures are in effect the Departure runways are 05, 06L and 33R. Intersection take-offs from 06L are not authorized. Intersection take-offs on 33R from Victor Taxiway and on 05 from H6 may be assigned by ATC.

Sequencing of Aircraft Ground Movements for Take-off

Do not request start, push back or call for taxi clearance until the reported RVR is greater than:

Aircraft/Pilot Take-off Minima

1200 RVR
600 RVR

Minimum RVR for Start

1000 RVR
600 RVR

Stop Bar/Guard Light system

Each taxiway entrance onto runways 05, 06L and 33R is equipped with a stop bar consisting of red in-set lights and red elevated lights located at the taxi holding position. Yellow flashing runway guard lights (wig-wags) are installed at each end of the stop bar. When the red stop bar lights are illuminated, green lead on lights beyond the stop bar are extinguished. When ATC issues a clearance to proceed onto the runway, the red stop bar lights will be extinguished and the green lead on lights beyond the stop bar will be illuminated. The stop bar is reset automatically as the aircraft moves onto the runway.

“AT NO TIME SHALL A PILOT CROSS AN ILLUMINATED RED STOP BAR”

Arrivals

When low visibility procedures are in effect the Arrival runways are 05 and 06L. For 05, approved exits are Taxiways F (northbound), H3, B, H/J and Q. For 06L, approved exits are Taxiways C1, C3 and C7. Aircraft exiting either runway must proceed beyond the alternating green and yellow centreline lights to ensure the aircraft is clear of the runway and the ILS sensitive area.

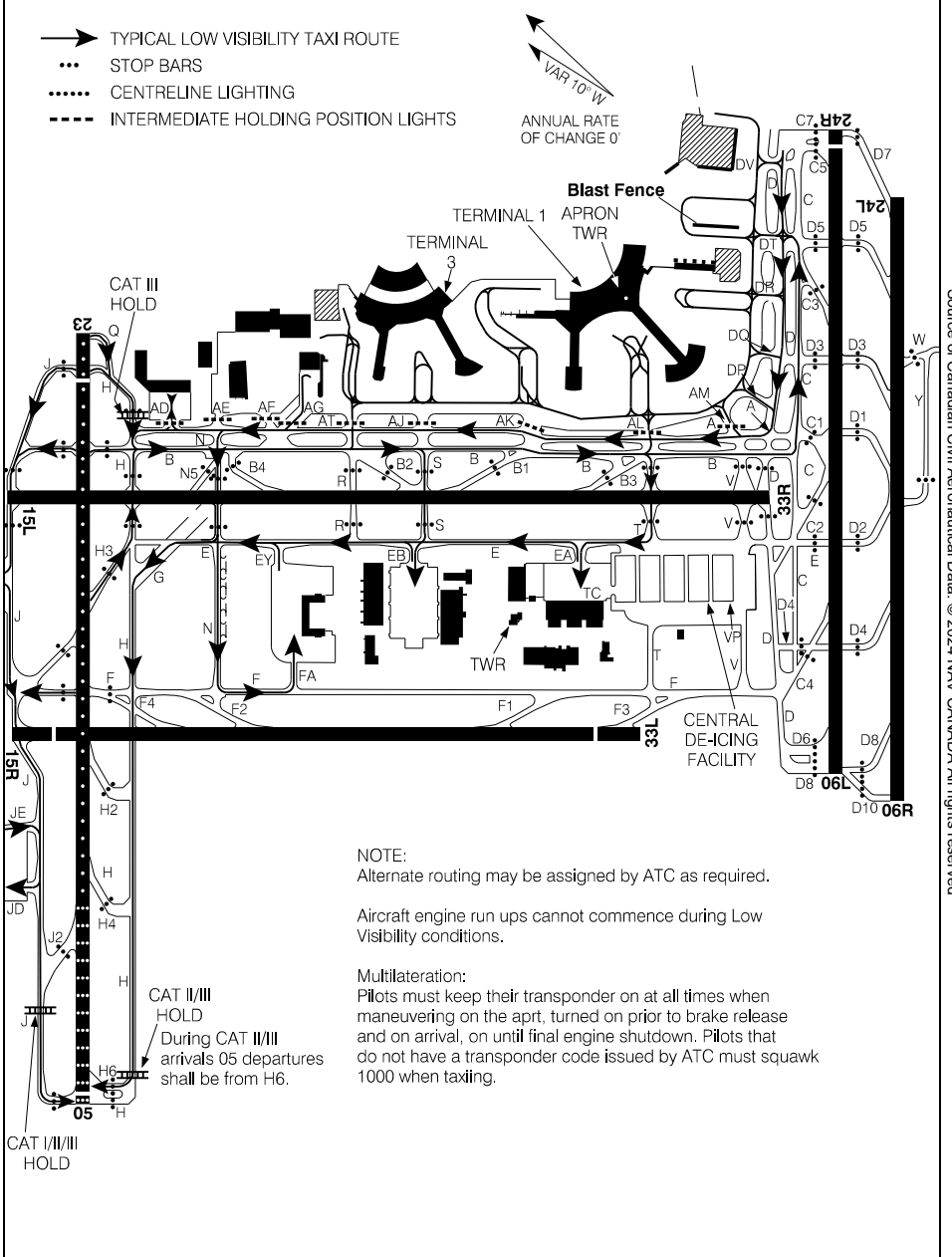
LOW VISIBILITY TAXI CHART

TORONTO/LESTER B. PEARSON INTL, ON

LAND RWY 05, DEPART RWY 05 (RVR LESS THAN 1200 TO 600 FT)

CYYZ

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.07 (S) 122.82 GND - 121.9 121.65 119.1 PAD CTL - 131.17 131.95	TWR - 118.35 118.7
---------------------	---	--------------------



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

LAND RWY 05, DEPART RWY 05 (RVR LESS THAN 1200 TO 600 FT)
LOW VISIBILITY TAXI CHART

CYYZ
EFF 10 AUG 23

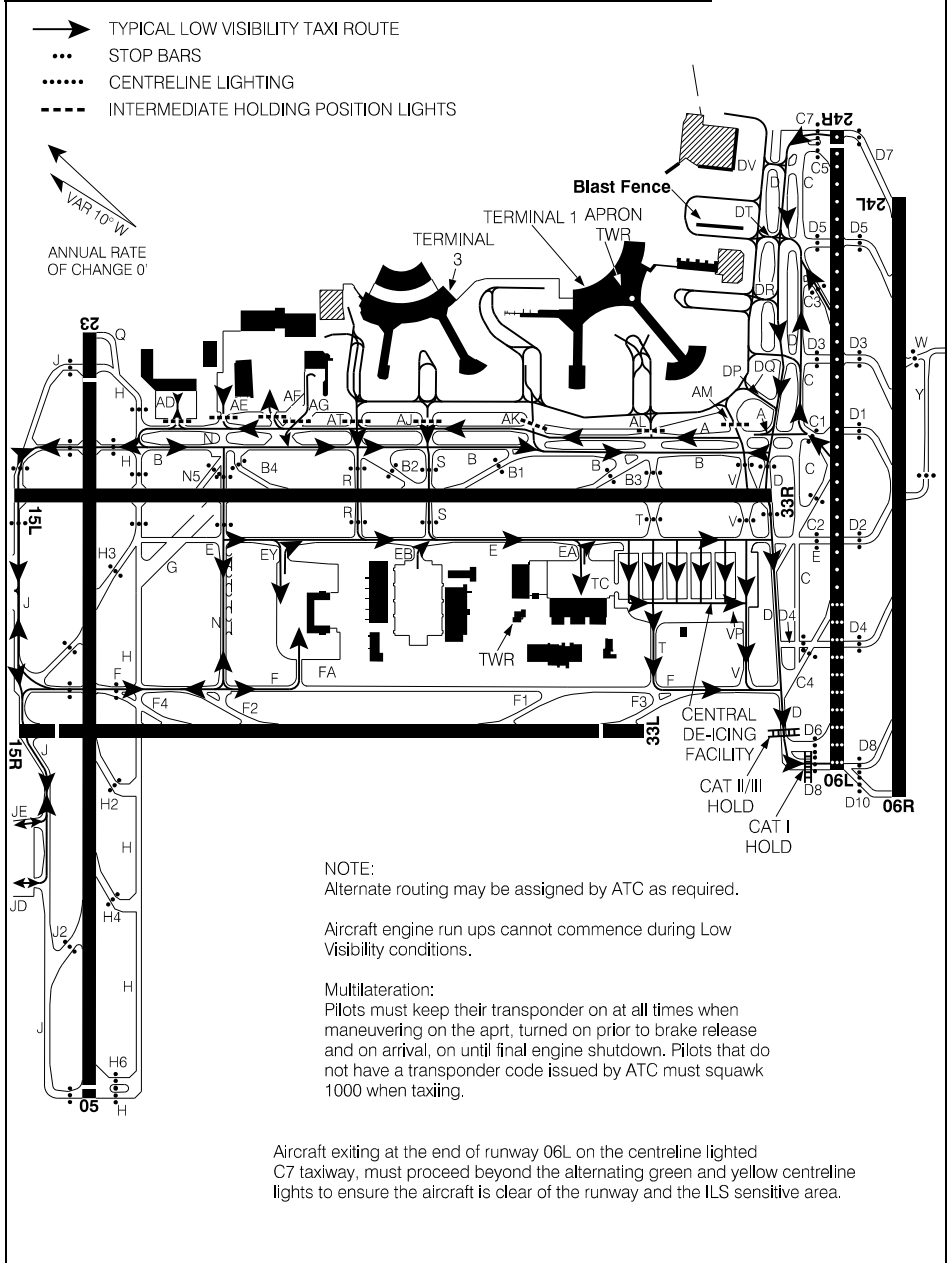
LOW VISIBILITY TAXI CHART

TORONTO/LESTER B. PEARSON INTL, ON

LAND RWY 06L, DEPART RWY 06L (RVR LESS THAN 1200 TO 600 FT)

CYYZ

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.07 (S) 122.82 GND - 121.9 121.65 119.1 PAD CTL - 131.17 131.95	TWR - 118.35 118.7
---------------------	---	--------------------



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NOTE:
Alternate routing may be assigned by ATC as required.

Aircraft engine run ups cannot commence during Low Visibility conditions.

Multilateration:
Pilots must keep their transponder on at all times when maneuvering on the apron, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

Aircraft exiting at the end of runway 06L on the centerline lighted C7 taxiway, must proceed beyond the alternating green and yellow centerline lights to ensure the aircraft is clear of the runway and the ILS sensitive area.

LAND RWY 06L, DEPART RWY 06L (RVR LESS THAN 1200 TO 600 FT)
LOW VISIBILITY TAXI CHART

CYYZ
EFF 10 AUG 23

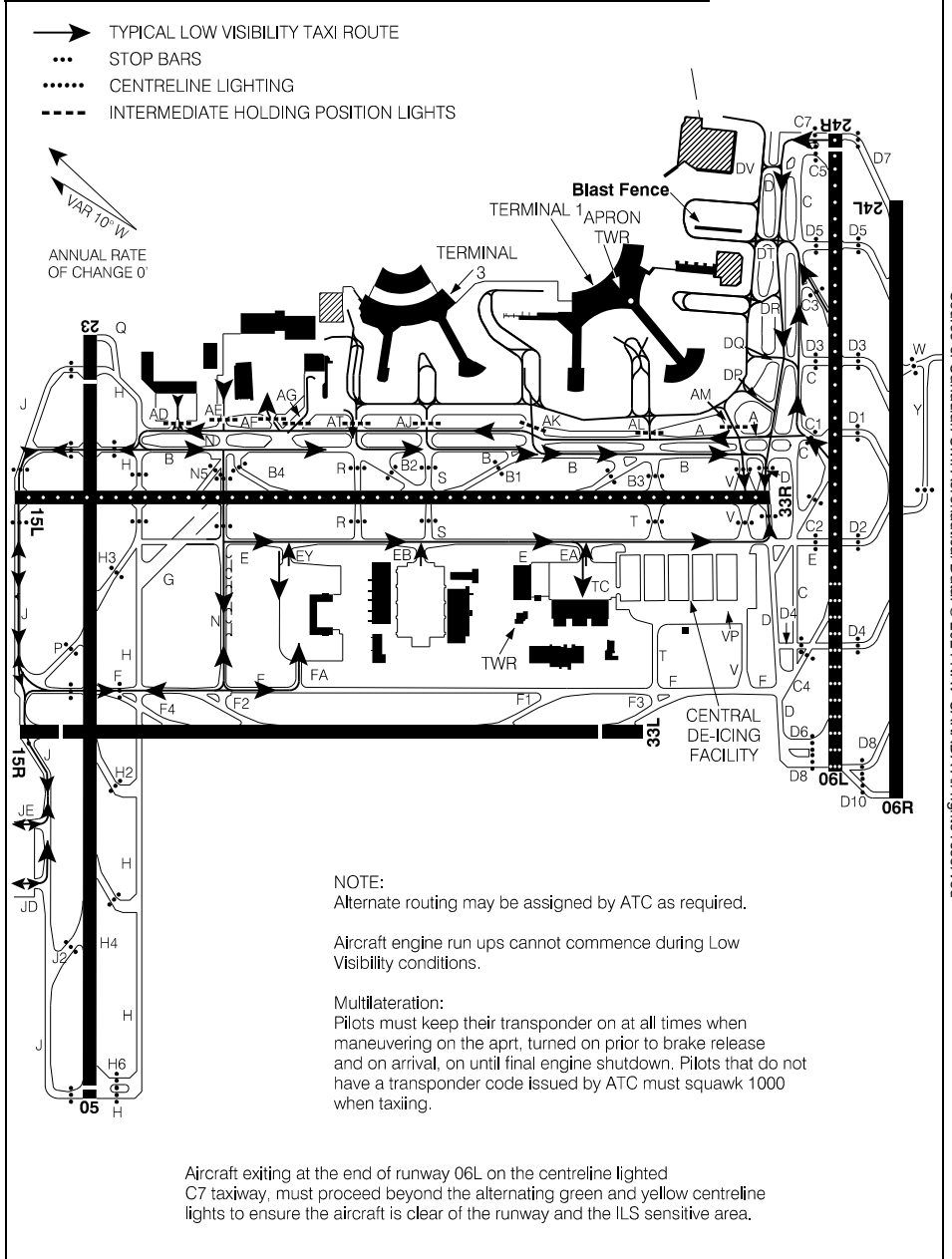
LOW VISIBILITY TAXI CHART

TORONTO/LESTER B. PEARSON INTL, ON

LAND RWY 06L, DEPART RWY 33R (RVR LESS THAN 1200 TO 600 FT)

CYYZ

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.07 (S) 122.82 GND - 121.9 121.65 119.1 PAD CTL - 131.17 131.95	TWR - 118.35 118.7
---------------------	---	--------------------



NOTE:
Alternate routing may be assigned by ATC as required.

Aircraft engine run ups cannot commence during Low Visibility conditions.

Multilateration:
Pilots must keep their transponder on at all times when maneuvering on the aprt, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

Aircraft exiting at the end of runway 06L on the centreline lighted C7 taxiway, must proceed beyond the alternating green and yellow centreline lights to ensure the aircraft is clear of the runway and the ILS sensitive area.

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DE-ICING OPERATIONS

CENTRAL DE-ICING FACILITY (CDF)

Overview

All de-icing ops are performed with acft engines oprg, unless otherwise advised by Pad Control or ICEMAN.

Pad 1 & 5

- Centre lane will accommodate all acft.
- Acft with wingspans less than 36m may use North/South lanes.

Pad 2, 3, 4 & 6

- Centre lanes will accommodate acft with wingspans 64.9m/213ft and smaller.
 - Acft with wingspans less than 36m may use North/South lanes.
1. Prior to departing Parking Position, ctc CLNC DEL/APRON/GND (as applicable) and advise, "ACFT DE-ICING REQUIRED".
 2. On twys T, V and E, hold short of ICE# and when directed by Ground Control monitor Pad Control on 131.17. Follow Pad Control taxi instructions to the entrance of the de-icing pad.
 3. When directed by Pad Control, ctc ICEMAN on the assigned freq. (129.62 or 131.37).
 4. Follow verbal instructions, guidance displays and lights (as applicable) into staging and/or de-icing bays.
 5. Once aircraft is in final stop position, brakes are set and aircraft configured for de-icing, ctc ICEMAN and advise, "BRAKES SET, ACFT CONFIGURED, READY TO DE-ICE". At this time, pass along any specific fluid and/or treatment requirements.
 6. After de-icing, do not move aircraft. Ctc Pad Control on 131.17 when instructed by ICEMAN to obtain taxi instruction.
 7. Follow Pad Control instruction designated exit points. When instructed by Pad Control ctc Ground Control on assigned freq.
 8. Specific aircraft operations plan in effect for aircraft with wingspans 65m/214ft up to 79.9m/262ft. Restrictions in place include:
 - For Central De-icing Facility (CDF) operations, no turns from twy E into any of the de-icing pads are permitted. The only taxi routes permitted for de-icing are via twy T into Pad 5 and via twy V into Pad 1.

CENTRAL DE-ICING FACILITY

ATIS - 120.82 133.1

GND - 121.9 121.65 119.1
PAD CTL - 131.17 131.95
ICEMAN - 129.62 131.37

**GTAA
3-Bay
HANGAR**

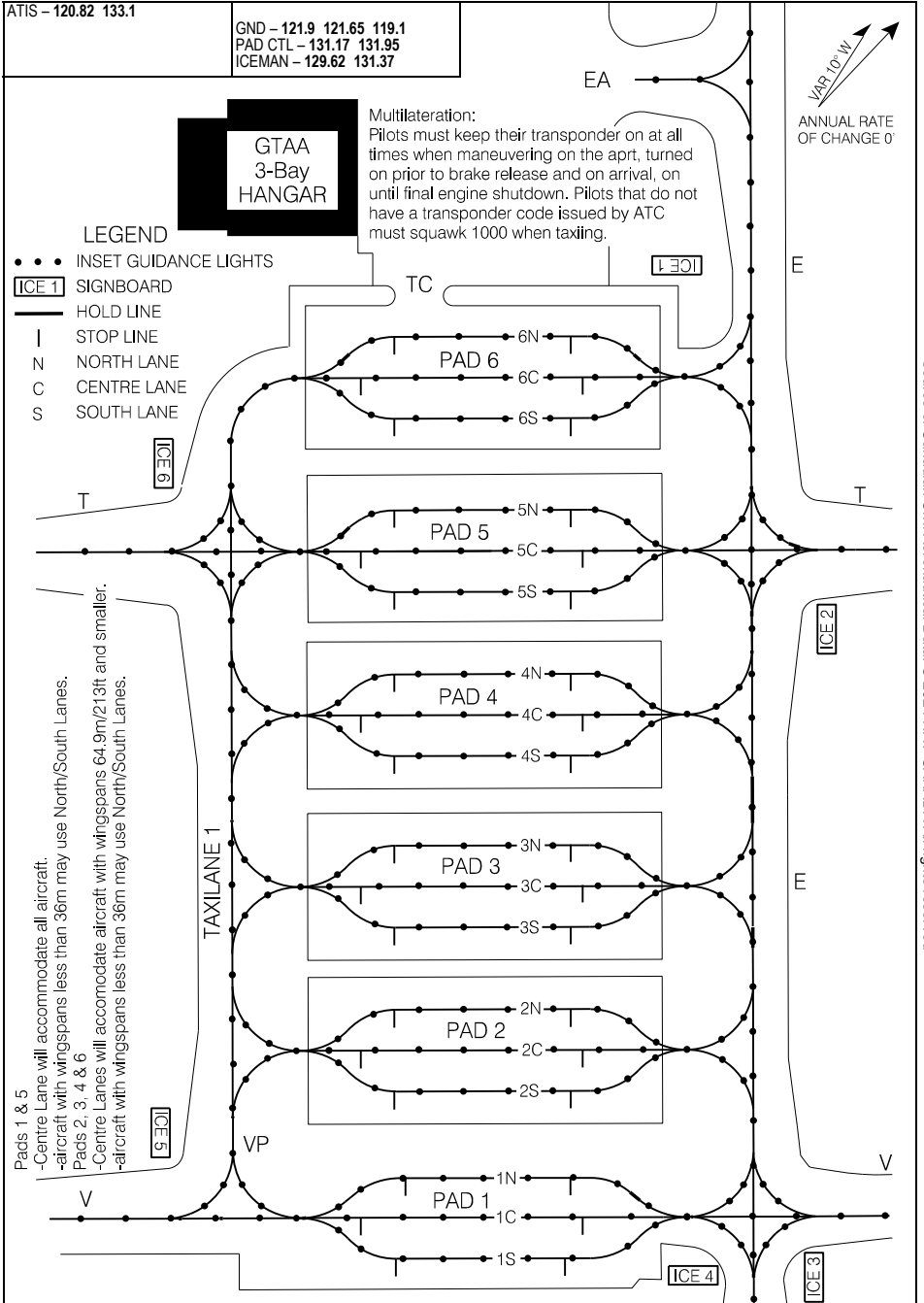
Multilateration:

Pilots must keep their transponder on at all times when maneuvering on the aprt, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

VAR 10° W
ANNUAL RATE OF CHANGE 0'

LEGEND

- • • INSET GUIDANCE LIGHTS
- ICE 1** SIGNBOARD
- HOLD LINE
- | STOP LINE
- N NORTH LANE
- C CENTRE LANE
- S SOUTH LANE



Pads 1 & 5
-Centre Lane will accommodate all aircraft.
-aircraft with wingspans less than 36m may use North/South Lanes.

Pads 2, 3, 4 & 6
-Centre Lanes will accommodate aircraft with wingspans 64.9m/213ft and smaller.
-aircraft with wingspans less than 36m may use North/South Lanes.

CENTRAL DE-ICING FACILITY

EFF 24 MAR 22

CYYZ

ENGINE FAN BLADE ICE SHEDDING PROCEDURES

CYYZ

Single engine taxi operations should not be used during contaminated airfield conditions or when operations require the crossing of active runways. This will enhance safety and reduce the likelihood of engine inlet contamination during active precipitation, while eliminating any requirement to conduct engine-start activities on the airfield.

The completion of aircraft engine run-up for engine fan blade ice shedding must be conducted on taxiway areas as outlined in the Engine Fan Blade Ice Shedding Chart. Strict adherence to the centerline is mandatory during engine fan blade ice shedding. Proper coordination with air traffic control (ATC) (clearance delivery, ground, or tower) is required.

On initial contact with Clearance Delivery (121.3 MHz), flight crews shall advise:

- De-icing requirements
- Run-up requirement prior to take-off
- Duration of run-up (if required)

Subsequently, if engine run-up requirements change, flight crews shall notify ATC as soon as practicable. The Airport Authority will ensure engine fan blade ice shedding areas in use are inspected and treated as required. Should taxiway surface conditions make engine run-up unsafe, flight crews shall coordinate with ATC to have the run-up conducted at the takeoff position.

Departing Rwy 06L or 06R Ice Shed Area (IS) see chart.

- IS1 Taxiway F between Taxiway T and Taxiway V.
- IS2 Taxiway D at the Runway 06L CAT II/III hold line.
- IS6 Taxiway B between Taxiway T and Taxiway V.
- IS11 Taxiway D between Runway 33R approach hold line and Taxiway A.

Departing Rwy 24R or 24L Ice Shed Area (IS) see chart.

- IS3 Taxiway D between Taxiway D3 and Taxiway D5.
- IS6 Taxiway B between Taxiway T and Taxiway V.
- IS11 Taxiway D between Runway 33R approach hold line and Taxiway A.
- IS12 Taxiway C between Taxiway D3 and Taxiway C3.

Departing Rwy 23 Ice Shed Area (IS) see chart.

- IS4 Taxiway A between Taxiway AE and Taxiway H.
- IS8 Taxiway F between Taxiway N and Taxiway FA.
- IS9 Taxiway N between Taxiway F and Taxiway E.

Departing Rwy 05 Ice Shed Area (IS) see chart.

- IS1 Taxiway F between Taxiway T and Taxiway V.
- IS5 Taxiway H between Taxiway H4 and Runway 05 CAT III hold line.
- IS8 Taxiway F between Taxiway N and Taxiway FA.
- IS9 Taxiway N between Taxiway F and Taxiway E.
- IS10 Taxiway H between Taxiway H2 and Taxiway H4.

ENGINE FAN BLADE ICE SHEDDING PROCEDURES

CYYZ

Departing Rwy 33R Ice Shed Area (IS) see chart.

- IS1 Taxiway F between Taxiway T and Taxiway V.
- IS6 Taxiway B between Taxiway T and Taxiway V.
- IS11 Taxiway D between Runway 33R approach hold line and Taxiway A.
- IS13 Taxiway V holding short of Taxiway E (west side).

Departing Rwy 33L Ice Shed Area (IS) see chart.

- IS1 Taxiway F between Taxiway T and Taxiway V.

Departing Rwy 15L Ice Shed Area (IS) see chart.

- IS4 Taxiway A between Taxiway AE and Taxiway H.
- IS7 Taxiway F between Runway 05/23 and Taxiway J.
- IS9 Taxiway N between Taxiway F and Taxiway E.

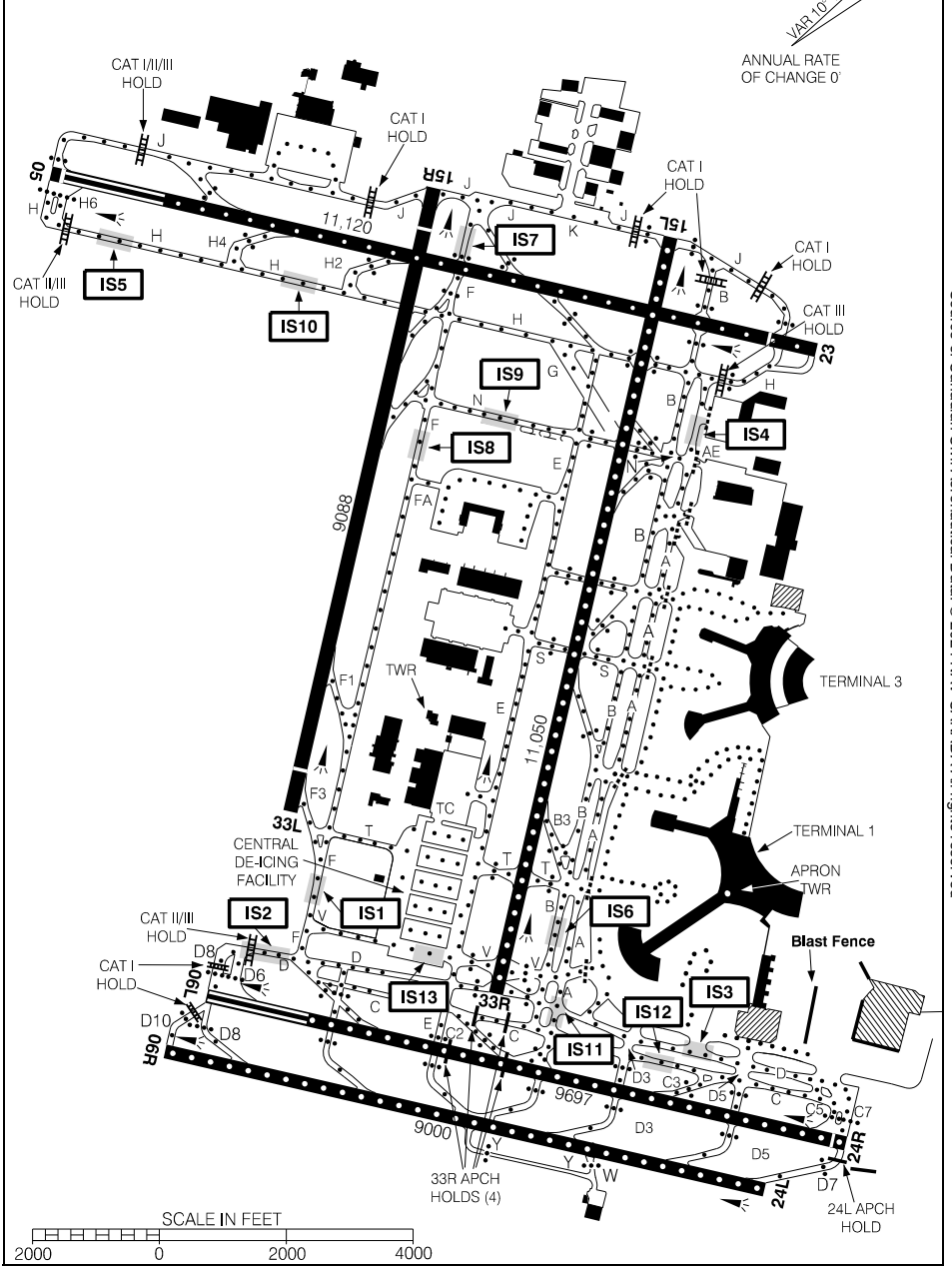
Departing Rwy 15R Ice Shed Area (IS) see chart.

- IS7 Taxiway F between Runway 05/23 and Taxiway J.
- IS8 Taxiway F between Taxiway N and Taxiway FA.
- IS9 Taxiway N between Taxiway F and Taxiway E.

ENGINE FAN BLADE ICE SHEDDING PROCEDURES

CYYZ

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.07 (S) 122.82 GND - 121.9 121.65 119.1 PAD CTL - 131.17 131.95	TWR - 118.35 118.7
---------------------	---	--------------------



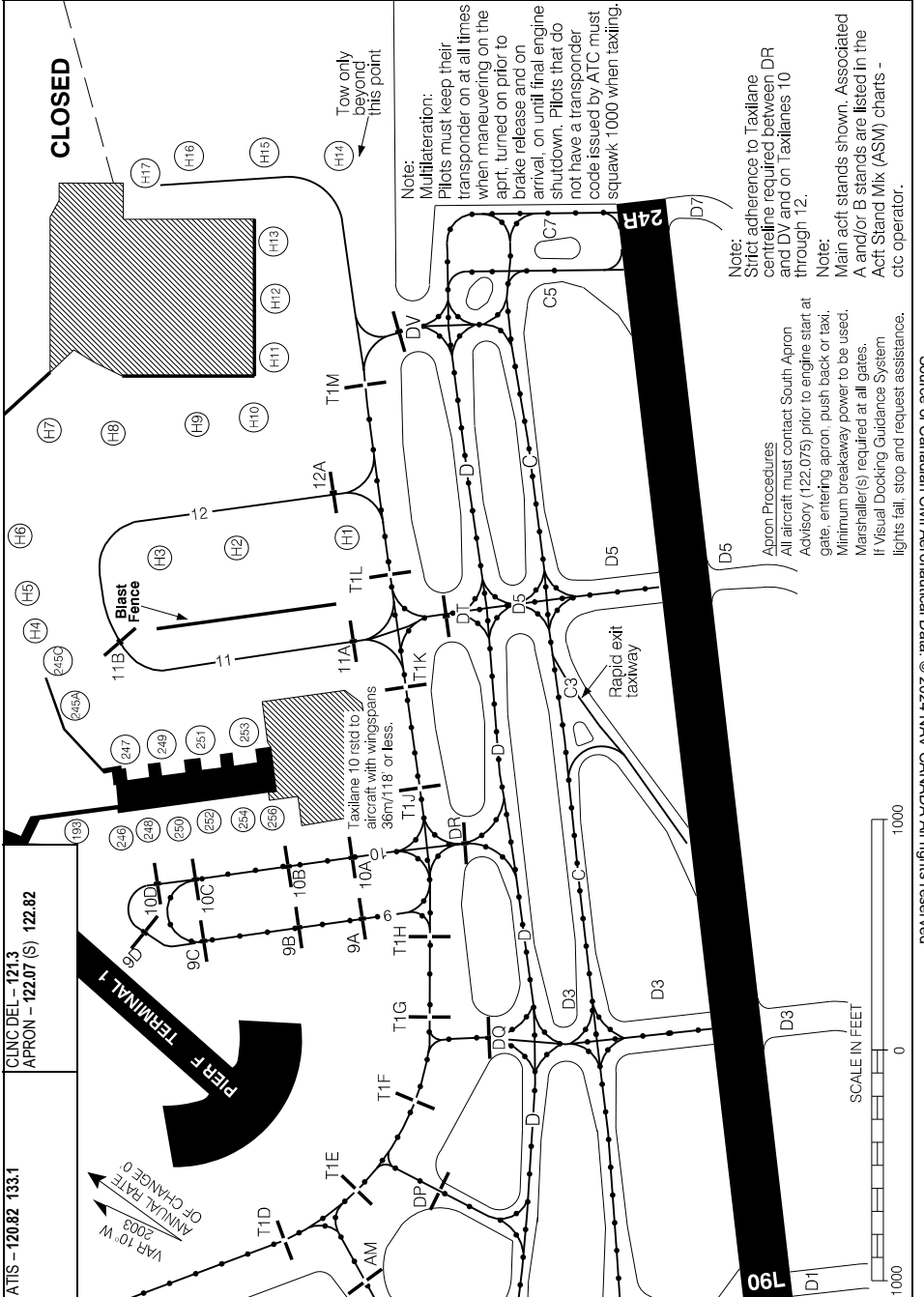
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

ENGINE FAN BLADE ICE SHEDDING PROCEDURES

CYYZ

EFF 10 AUG 23

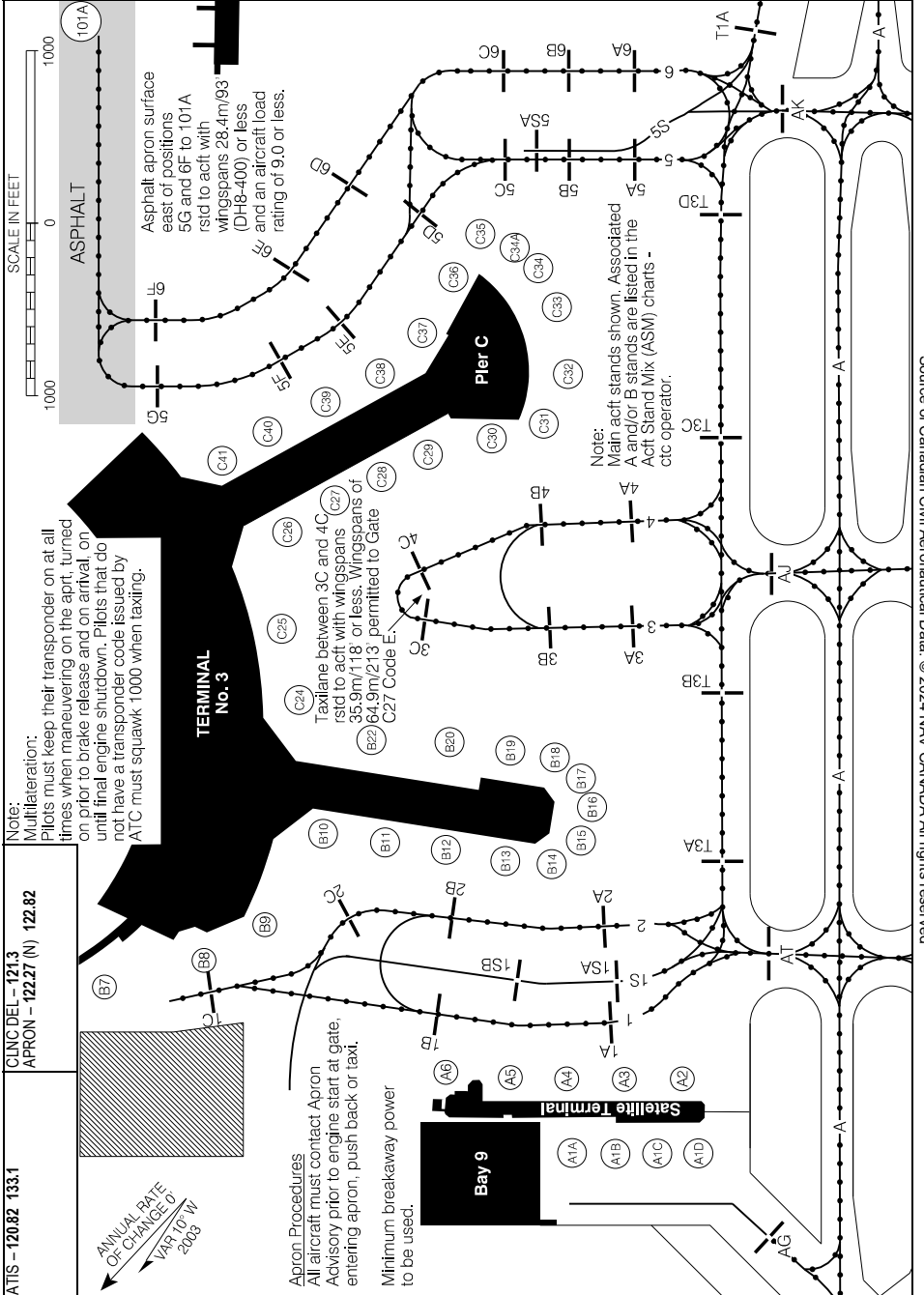
PARKING AREAS (TERMINAL 1 EAST HOLD)



PARKING AREAS (TERMINAL 1 EAST HOLD)

EFF 21 MAR 24

PARKING AREAS (TERMINAL 3)



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PARKING AREAS (TERMINAL 3)

EFF 30 NOV 23

CYYZ

TAXILANE LIMITATIONS

Taxilane	Taxilane Segment	Acft Code/ Limitation	Max Wingspan	Comments
Pier A North	Between AG and Gate A1A	DH8-400	28.4m/93'	
1	Between AT & Stand B8	C	36m/118'	
	Between Stand B8 & Stand B7D	DH8-400	28.4m/93'	
1S	Between AT and Hangar	E	65m/213'	
2	Between AT and Hangar	D	51.9m/170'	
2	Between 2C & Stand B8	C	36m/118'	
1 / 2	1B/2B Radius	C	36m/118'	
3	Between AJ & 3B	E	65m/213'	
	Between 3B & 3C	C	36m/118'	Code E to Stand C29 & C27
4	Between AJ & 4B	E	65m/213'	
	Between 4B & 4C	C	36m/118'	Code E to Stand C29 & C27
3 / 4	3B/4B Radius	D	51.9m/170'	
	3C/4C Radius	C	36m/118'	
N/S	Between AT & AK	E	65m/213'	
5	Between AK & 5E	E	65m/213'	AK to 5D closed when Lane 5S in use.
	Between 5E & 5G	D	51.9m/170'	
5S	Between AK & Stand C35	F	79.9m/262'	A380 only. Strict Adherence to C/L. Closes Lane 5A-5D. Lane 6 between 6A and 6C closed, remainder of Lane 6 restricted to Code C or smaller.
5-6	Crossover	E	65m/213'	Closed when Lane 5S in use
6	Between AK & 6C	E	65m/213'	Code E allowed to Stand 124. AK to 6C closed when Lane 5S in use.
	Between 6C & 6D	C	36m/118'	Code E allowed to Stand 124. No code E push tail East onto Lane 6 from Stand 124.
	Between 6D & 6F	C	36m/118'	
	Between 6F & Stand 101	DH8-400	28.4m/93'	
5 / 6	5C/6C Radius	E	65m/213'	No B777 due to Jet Blast
	5G/6F Radius	C	36m/118'	
7	Between AL & 7D	F	79.9m/262'	Simultaneous use of lane 7 & 8, Max span 64.9m/213', Code E
	Between 7D & 7E	C	36m/118'	
8	Between AL & 8D	F	79.9m/262'	Simultaneous use of lane 7 & 8, Max span 64.9m/213', Code E
	Between 8D & 8E	C	36m/118'	
7 / 8	7D/8D Radius	F	79.9m/262'	
	7E/8E Radius	C	36m/118'	
7S	Between 7C & 7S	E	65m/213'	
	Between 8C & 7S	E	65m/213'	
	Between 7S & 151	E	65m/213'	No 77W/773, Closes Taxilane 7 & 8 beyond 7C/8C.
	Between 7S & 161A	E	65m/213'	Closes Taxilane 7 & 8 beyond 7C/8C.
N/S	Between AK & AM	F	79.9m/262'	
9	Between DR & 9C	E	65m/213'	
	Between 9C & 9D	C	36m/118'	

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAXILANE LIMITATIONS

EFF 15 JUN 23

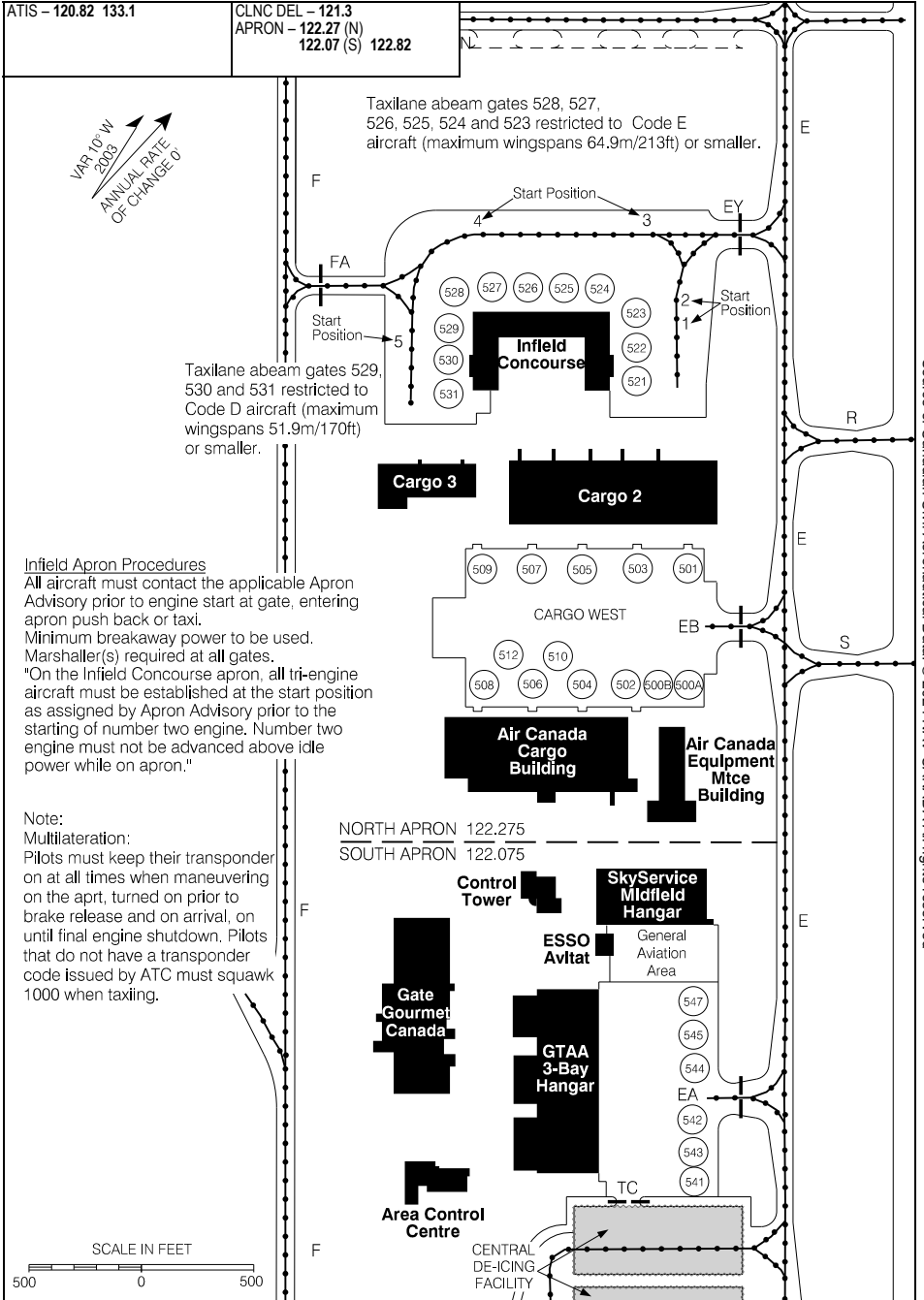
CYYZ

TAXILANE LIMITATIONS

Taxilane	Taxilane Segment	Acft Code/ Limitation	Max Wingspan	Comments
10	Between DR & 10D	C	36m/118'	
9 / 10	9C/10C Radius	C	36m/118'	
	9D/10D Radius	C	36m/118'	
E/W	Between AM & DV	F	79.9m/262'	Strict adherence to C/L
11	Between DT & H4	E	65m/213'	Strict adherence to C/L
12	Between H1/H10 & H4	E	65m/213'	Strict adherence to C/L
E/W	Between DV & H12B	E	65m/213'	
E/W/N/S	Between H12B & H17	E	65m/213'	Tow Operations Only

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PARKING AREAS (INFIELD)



PARKING AREAS (INFIELD)

EFF 15 JUN 23

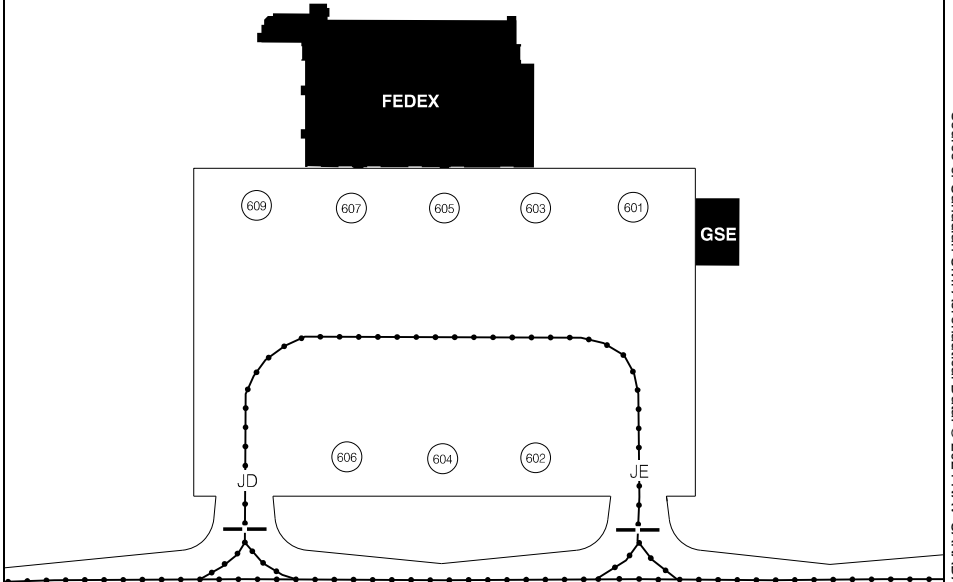
CYYZ

PARKING AREAS (FEDEX)

ATIS - 120.82 133.1	CLNC DEL - 121.3 APRON - 122.27 (N) 122.82
---------------------	---

VAR 10° W
2003
ANNUAL RATE
OF CHANGE 0'

Fedex apron restricted to Code D aircraft
(maximum wingspans 51.9m/170ft) or
smaller.



Fedex Apron Procedures

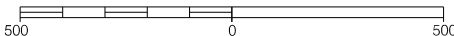
All aircraft must contact North Apron (122.275) prior to engine start at gate, entering apron, push back or taxi.
Minimum breakaway power to be used.
Marshaller(s) required at all gates.

Note:

Multilateration:

Pilots must keep their transponder on at all times when maneuvering on the aprt, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

SCALE IN FEET



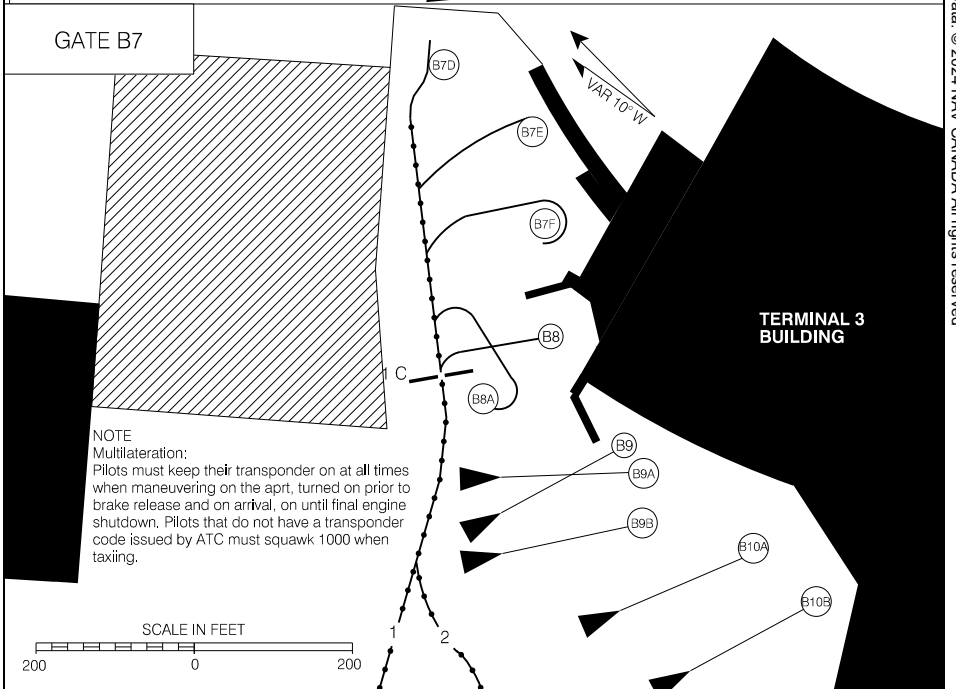
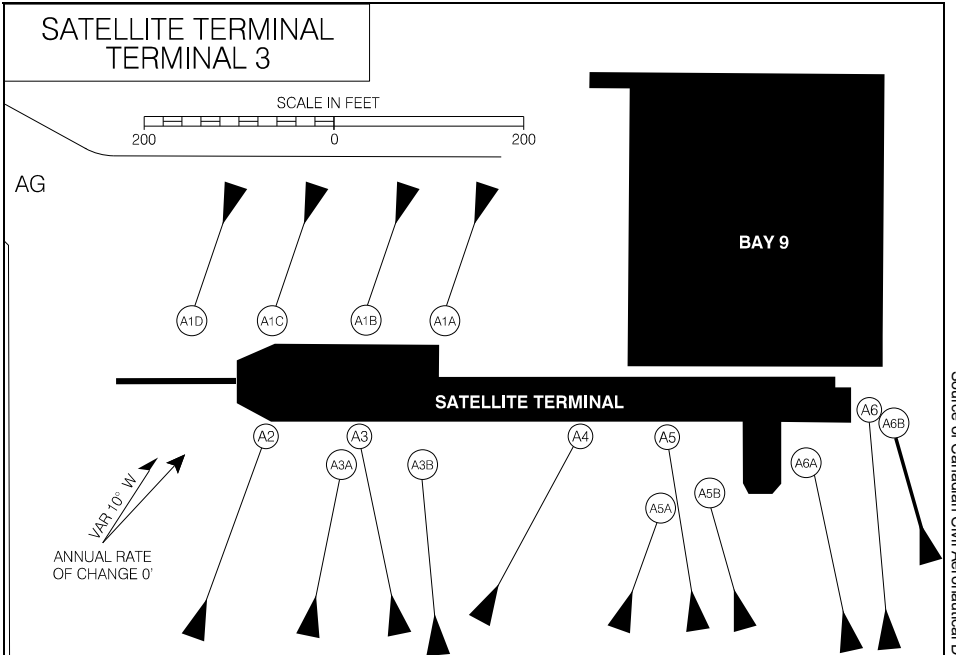
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PARKING AREAS (FEDEX)

CYYZ

EFF 21 MAY 20

COMMUTER PARKING AREAS



COMMUTER PARKING AREAS

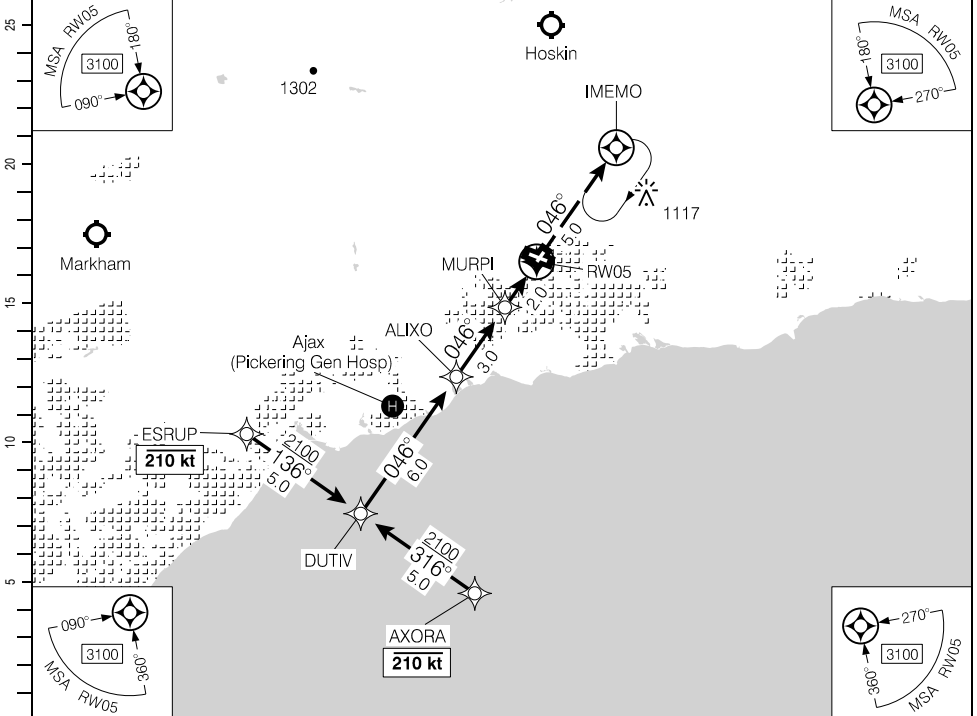
CYYZ

EFF 12 AUG 21

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 05

● ATIS – 125.67	TML Toronto – 133.4	● TWR – 120.1	● GND – 118.4	ARCAL 120.1(K)
● MET – 125.67		● TFC – 120.1	● MFB	Ⓟ 2 ·
SAFE ALT 100 NM 4900	WAAS Ch 80643 W05A	APCH CRS 046°	MIN ALT ALIXO 2100	LDA 2654



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	11	10	9	8	7	6	5.0	4	3	2	1.1	DIST FROM RWY05
	4010	3680	3360	3040	2720	2400	2100	1770	1450	1130	860	ALT (3.00° APCH PATH)
	<p>DUTIV IAWP/IWP 4010</p> <p>2100</p> <p>2100</p> <p>3.00°</p> <p>6.0</p> <p>1000 (LNAV only)</p> <p>3.0</p> <p>2.0</p> <p>MURPI SDWP 1130</p> <p>RWY05 MAWP</p> <p>MISSED APPROACH Climb to 2700 track 046° to IMEMO. As required shuttle climb.</p> <p>ELEV 460 TDZE 447</p> <p>TCH 50'</p>											
	CATEGORY		A		B		C		D			
	LPV		711		(267)				1			
	LNAV/VNAV (min. -19°C, max. 54°C)		771		(327)				1¼			
	LNAV		860		(416)				1¼			
	Knots	ft/min	Min:Sec									
	70	370										
	90	480										
	110	580										
	130	690										
	150	800										

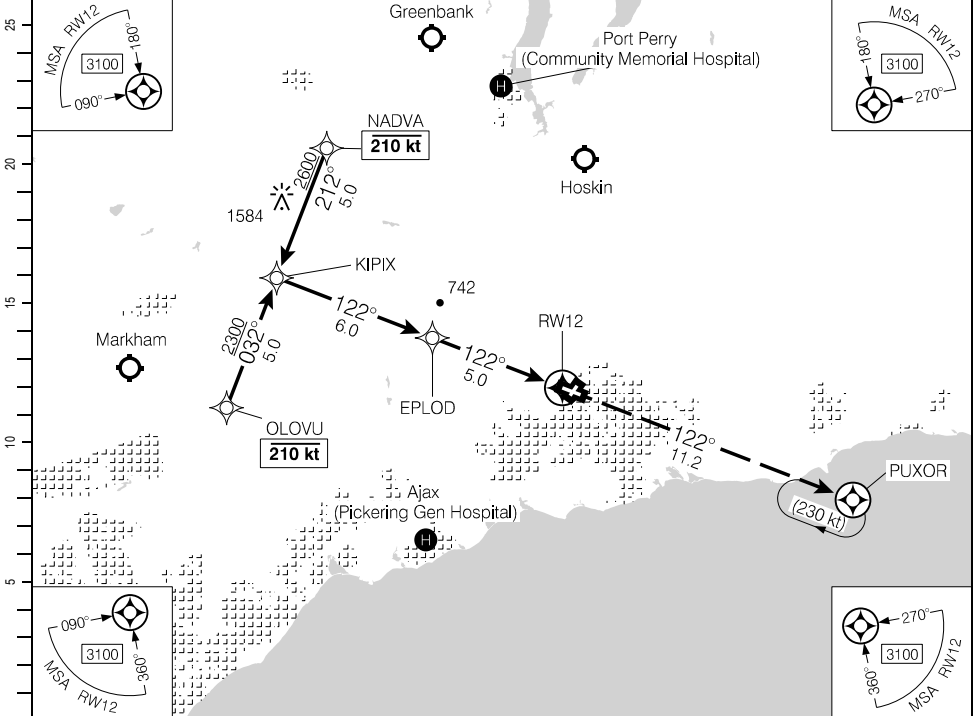
RNAV (GNSS) RWY 05

CYOO

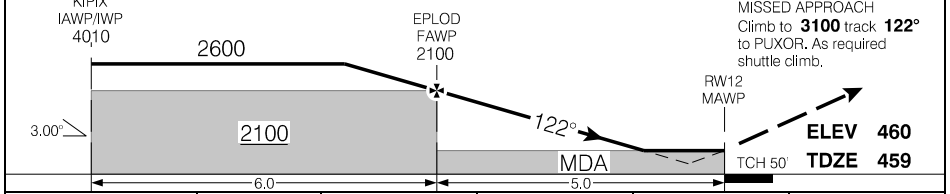
EFF 2 DEC 21

RNAV (GNSS) RWY 12

● ATIS – 125.67	TML Toronto – 133.4	● TWR – 120.1	● GND – 118.4	ARCAL 120.1(K)
● MET – 125.67		● TFC – 120.1	● MF	Ⓟ 2
SAFE ALT 100 NM 4900	WAAS Ch 80265 W12A	APCH CRS 122°	MIN ALT EPLD 2100	LDA 4250



(NM)	11	10	9	8	6.6	6	5	4	3	2	1.4	DIST FROM RWY12
	4010	3690	3370	3060	2600	2420	2100	1780	1460	1150	940	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	709	(250)		1
			LNAV/VNAV (min. -19°C, max. 54°C)	919	(460)		1½
			LNAV	940	(481)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

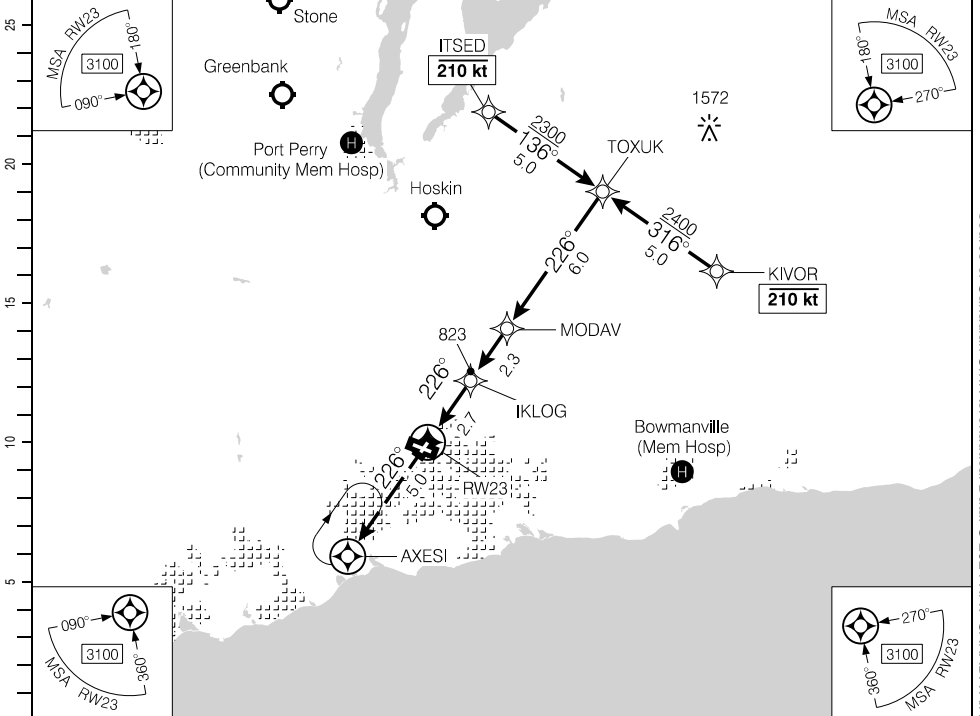
RNAV (GNSS) RWY 12

EFF 10 SEP 20

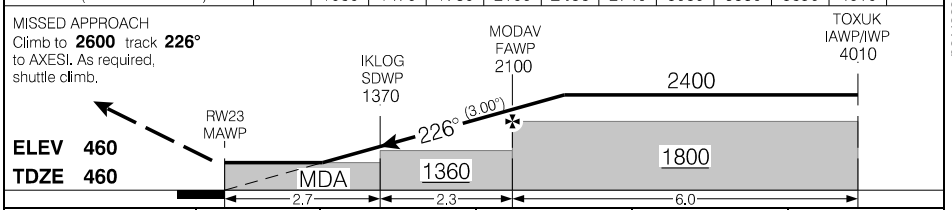
Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

RNAV (GNSS) RWY 23

● ATIS – 125.67	TML Toronto – 133.4	● TWR – 120.1	● GND – 118.4	ARCAL 120.1(K) P1
● MET – 125.67		● TFC – 120.1	● MFB	
SAFE ALT 100 NM 4900	RNAV	APCH CRS 226°	MIN ALT MODAV 1800	LDA 2654



(NM)	DIST FROM RW23	1.7	3	4	5	5.9	7	8	9	10	11
	ALT (3.00° APCH PATH)	1060	1470	1780	2100	2400	2740	3060	3380	3690	4010



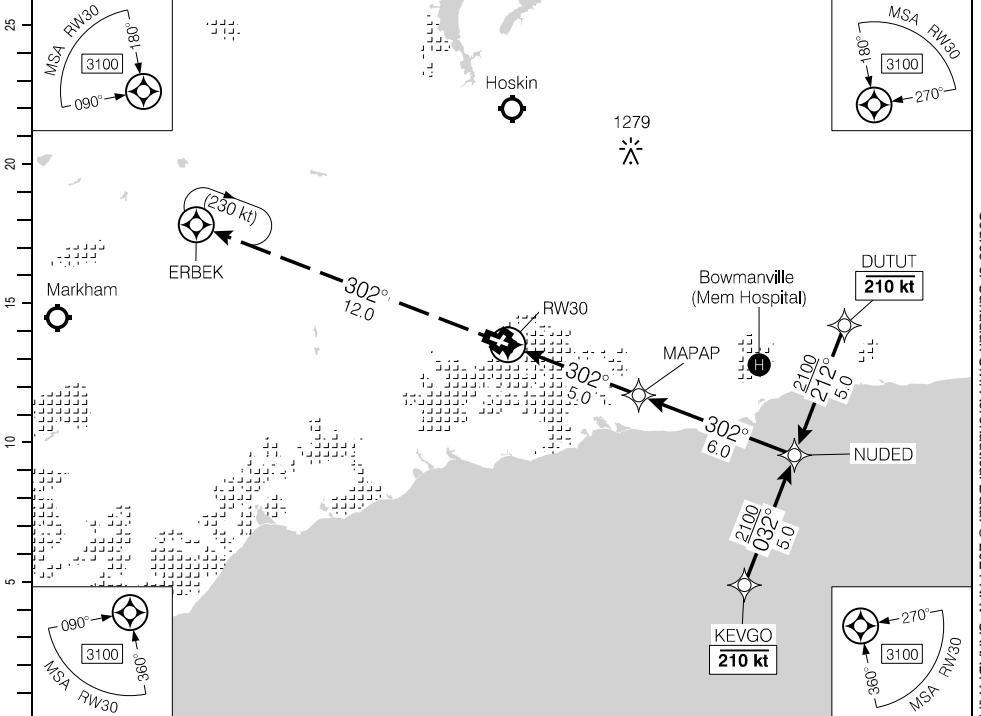
MISSED APPROACH Climb to 2600 track 226° to AXESI. As required, shuttle climb.		IKLOG SDWP 1370	MODAV FAWP 2100	TOXUK IAWP/IWP 4010		
ELEV 460	TDZE 460	MDA 1360	1800	2400		
		2.7	2.3	6.0		
	CATEGORY	A	B	C	D	
	LNAV	1060	(600)	1¼		
	Knots	70	90	110	130	150
	ft/min	370	480	580	690	800
	Min:Sec					

RNAV (GNSS) RWY 23

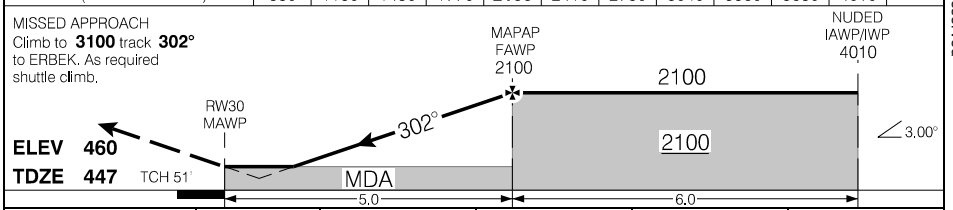
EFF 14 JUL 22

RNAV (GNSS) RWY 30

● ATIS – 125.67	TML Toronto – 133.4	● TWR – 120.1	● GND – 118.4	ARCAL 120.1(K)
● MET – 125.67		● TFC – 120.1	● MF	Ⓟ 2 · ·
SAFE ALT 100 NM 4900	WAAS Ch 80467 W30A	APCH CRS 302°	MIN ALT MAPAP 2100	LDA 4250



(NM)	DIST FROM RW30	1.2	2	3	4	5.0	6	7	8	9	10	11	
	ALT (3.00° APCH PATH)	880	1130	1450	1770	2100	2410	2730	3040	3360	3680	4010	



		CATEGORY	A	B	C	D
		LPV	696	(250)		1
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -19°C, max. 54°C)			
70	370		934	(488)		1¼
90	480		LNAV			
110	580		880	(434)		1¼
130	690					
150	800					

RNAV (GNSS) RWY 30

CYOO

EFF 10 SEP 20

Departure Route Description

Unless otherwise assigned by ATC:

All rws: Maintain **3000**.

Expect clearance to flight planned altitude/flight level 10 minutes after departure.

Rwy 05: Requires a minimum climb gradient of **260 ft/NM** to **1100**.
Climb on hdg **046°** for vectors to assigned route.

Rwy 12: Climb on hdg **122°** for vectors to assigned route.

Rwy 23: Climb on hdg **226°** for vectors to assigned route.

Rwy 30: Requires a minimum climb gradient of **270 ft/NM** to **700**.
Climb on hdg **302°** for vectors to assigned route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350

NOTE: Refer to Noise Abatement Procedures for additional requirements.

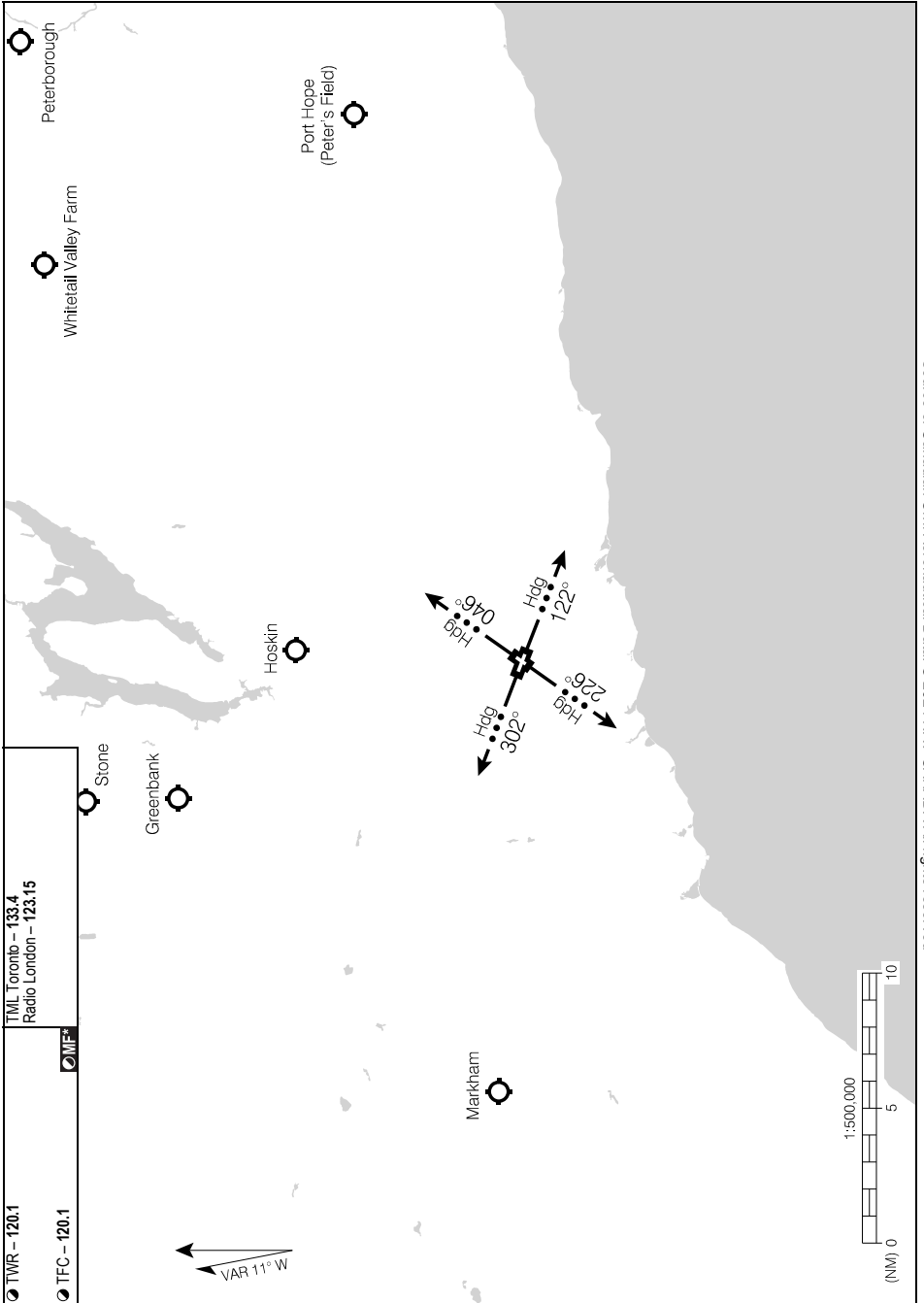
Communication Failure

On recognition of communications failure 10 minutes or less after take-off and in IFR weather conditions, proceed as follows:

1. Select transponder code 7600;
2. Proceed on course;
3. DO NOT climb above last assigned altitude for 10 minutes after recognition of the failure (Transponder equipped aircraft 5 minutes), then;
4. Climb to flight planned altitude/flight level.

NOTE: If communications failure occurs more than 10 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

SID (VECTOR)
OSHAWA FOUR DEP (CY004.)



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

OSHAWA FOUR DEP (CY004.)
EFF 25 JAN 24

CY00

Restrictions

Flights are prohibited between 2230 and 0630 local hrs unless approved by Airport Manager.

Preferential Runway Determination

Controllers will designate rwys to divert as many take-offs and landings as possible, consistent with safety of operations, from flight over noise sensitive areas. When Tower is closed, pilots will be expected to choose rwy 12 for landings and rwy 30 for departures consistent with safety of operations.

Departure Procedures

No turns below **1000'** ASL (**540'** AGL).

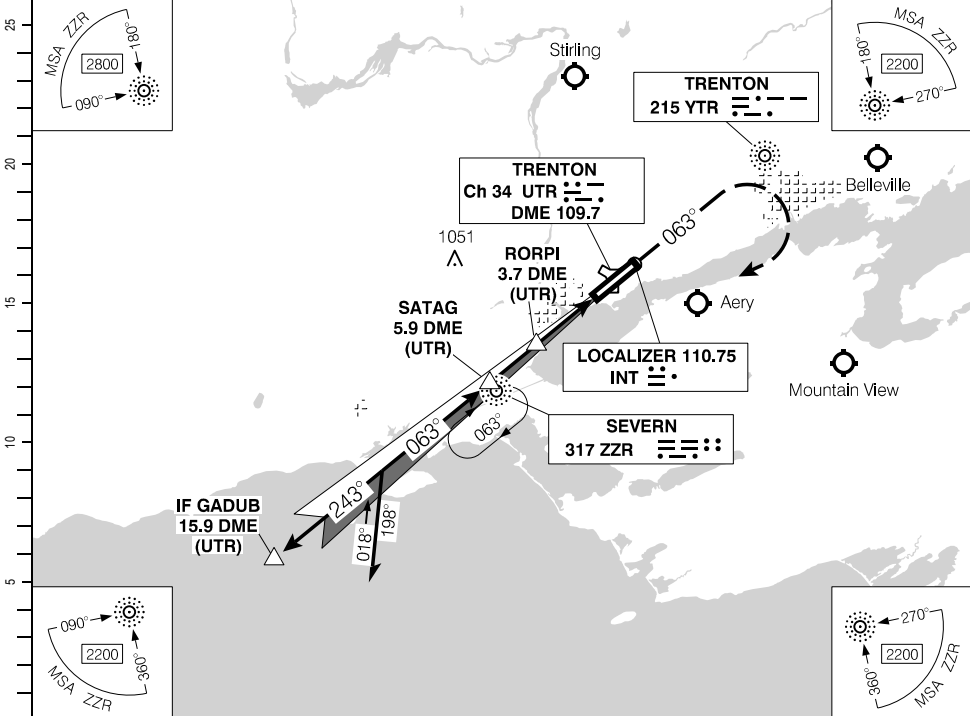
Arrivals Procedures

1. Turns to final approach will be made at or above **1000'** ASL (**540'** AGL).
2. Approaches to remain on or above an assumed **3°** Glide Slope.
3. If weather conditions permit, circling procedures to be conducted at **1460'** ASL.

ILS/DME RWY 06 (DND)

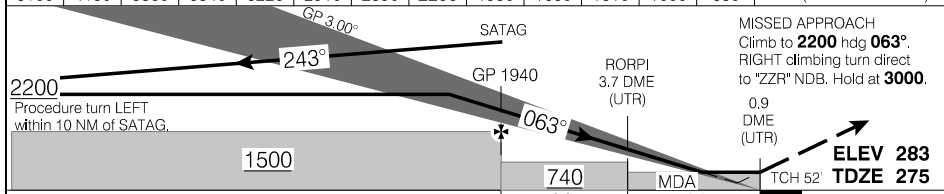
440709N 0773142W VAR 12°W

ATIS – 135.45 257.7	TML – 128.4 324.3	TWR – 128.7 236.6	GND – 121.9 275.8	
SAFE ALT 100 NM 4800	LOC INT 110.75	APCH CRS 063°	GP SATAG 1940		LDA 10001



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	15.9	13	12	11	10	9	8	6.8	6	5	4	3	2.0	DIST FROM DME (UTR)
	5100	4180	3860	3540	3220	2910	2590	2200	1950	1630	1310	1000	680	ALT (3.00° APCH PATH)



		CATEGORY	A	B	C	D
		ILS/DME	475	(200)		½
		LOC/DME	680	(405)		1
		CIRCLING	820 (537) 1½	880 (597) 1½	960 (677) 2	1200 (917) 3
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

ILS/DME RWY 06 (DND)

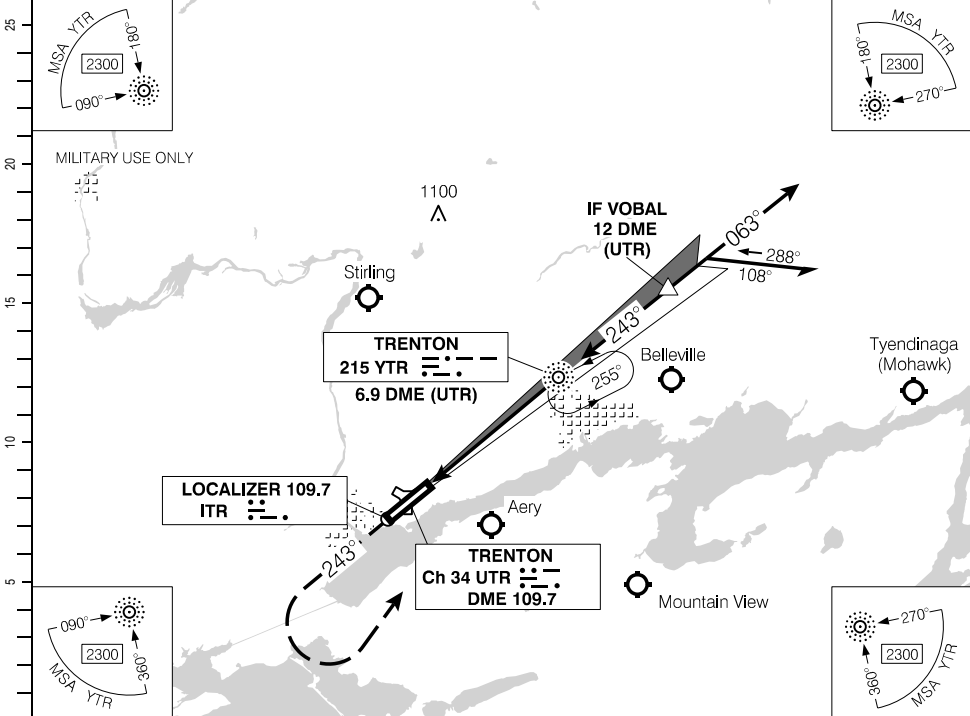
CYTR

EFF 15 JUN 23

ILS RWY 24 (DND)

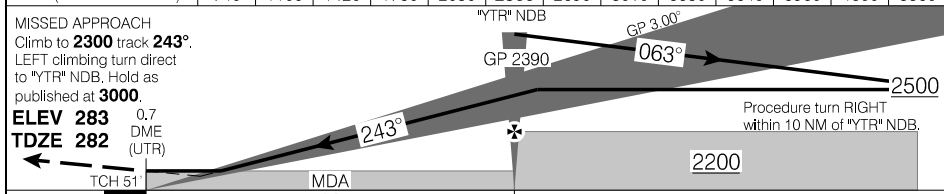
440709N 0773142W VAR 12°W

ATIS - 135.45 257.7	TML - 128.4 324.3	TWR - 128.7 236.6	GND - 121.9 275.8	
SAFE ALT 100 NM 4800	LOC ITR 109.7	APCH CRS 243°	GP YTR 2390		LDA 9001



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM DME (UTR)	1.9	3	4	5	6	7.4	8	9	10	11	12	14	17
	ALT (3.00° APCH PATH)	740	1100	1420	1730	2050	2500	2690	3010	3330	3640	3960	4600	5560



		CATEGORY	A	B	C	D
		ILS ILS/DME	482	(200)	½ RVR 26	
YTR NDB to MAP 6.2 NM		LOC	860	(578)	1¼	
Knots	ft/min	Min:Sec	CIRCLING			
70	370	5:29	880	(597)	1½	960 (677) 2 1200 (917) 3
90	480	4:16				
110	580	3:29				
130	690	2:57				
150	800	2:34				

ILS RWY 24 (DND)

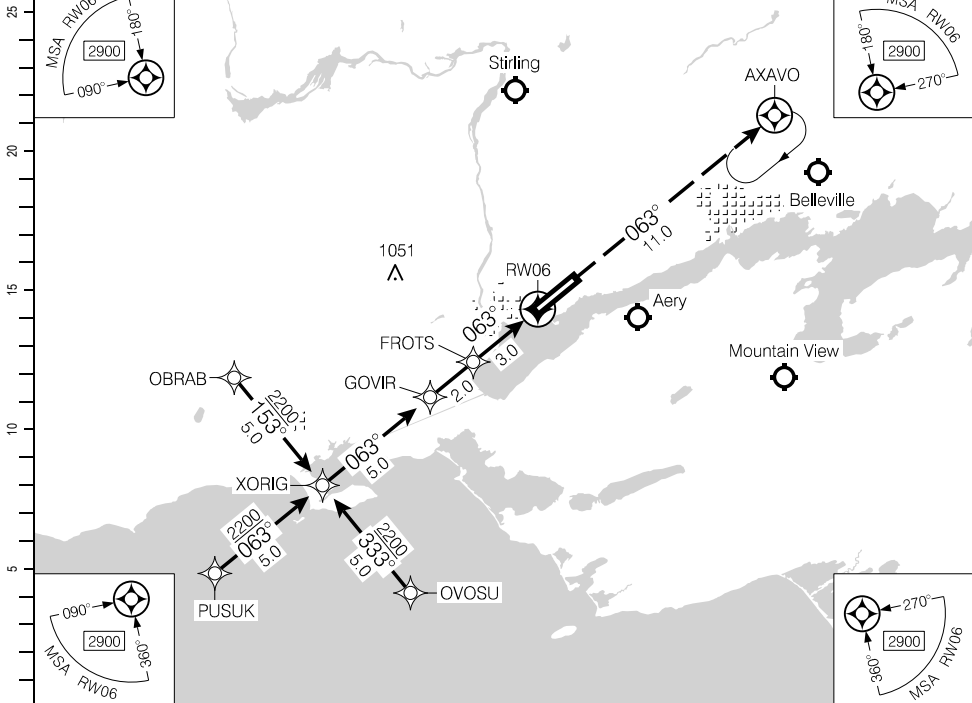
CYTR

EFF 15 JUN 23

RNAV (GNSS) RWY 06 (DND)

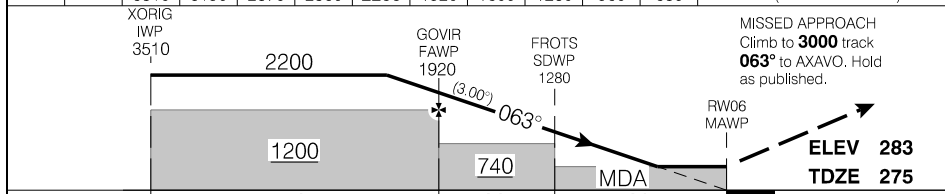
440709N 0773142W VAR 12°W

ATIS - 135.45 257.7	TML - 128.4 324.3	TWR - 128.7 236.6	GND - 121.9 275.8	
SAFE ALT 100 NM 4800	RNAV	APCH CRS 063°	MIN ALT GOVIR 1200		LDA 10001



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	5.9	5	4	3	2	1.1	DIST FROM RWY06
	3510	3190	2870	2560	2200	1920	1600	1280	960	680	ALT (3.00° APCH PATH)



		CATEGORY	A	B	C	D
		LNAV	680		(405)	1
Knots	ft/min	Min:Sec	820 (537) 1½	880 (597) 1½	960 (677) 2	1200 (917) 3
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 06 (DND)

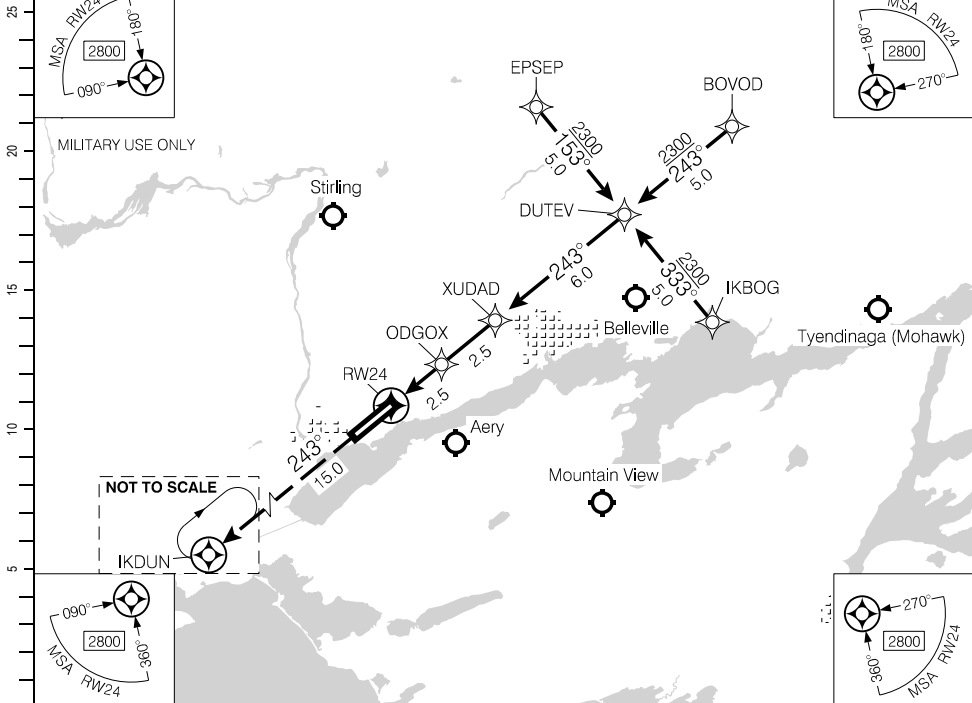
CYTR

EFF 8 SEP 22

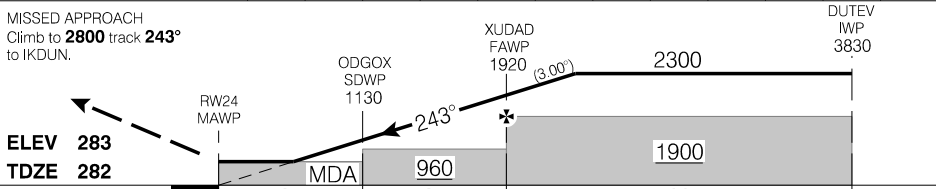
RNAV (GNSS) RWY 24 (DND)

440709N 0773142W VAR 12°W

ATIS - 135.45 257.7	TML - 128.4 324.3	TWR - 128.7 236.6	GND - 121.9 275.8	
SAFE ALT 100 NM 4800	RNAV	APCH CRS 243°	MIN ALT XUDAD 1900		LDA 9001



(NM)	DIST FROM RW24	1.3	2	3	4	5	6.2	7	8	9	10	11	
	ALT (3.00° APCH PATH)	740	970	1290	1610	1920	2300	2560	2880	3200	3520	3830	



CATEGORY		A		B		C		D	
LNAV		740		(458)		1			
Knots	ft/min	Min:Sec	820 (537) 1½	880 (597) 1½	960 (677) 2	1200 (917) 3			
70	370								
90	480								
110	580								
130	690								
150	800								

RNAV (GNSS) RWY 24 (DND)

EFF 15 JUN 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

NDB RWY 06 (DND)

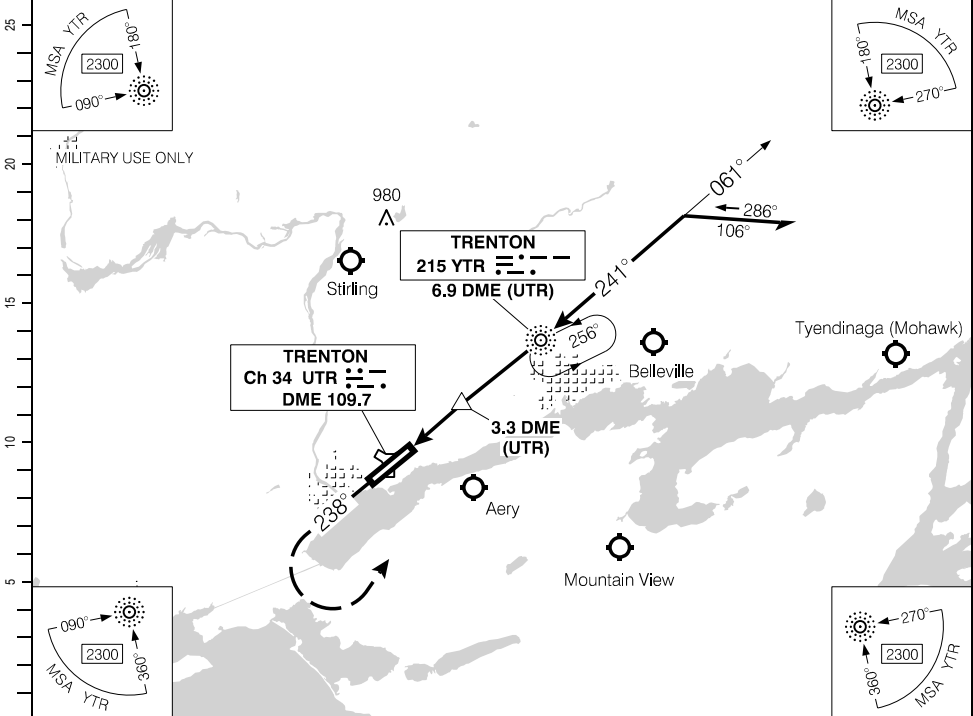
440709N 0773142W VAR 12°W

ATIS – 135.45 257.7	TML – 128.4 324.3	TWR – 128.7 236.6	GND – 121.9 275.8	
------------------------	-------------------	-------------------	-------------------	--

NDB RWY 24 (DND)

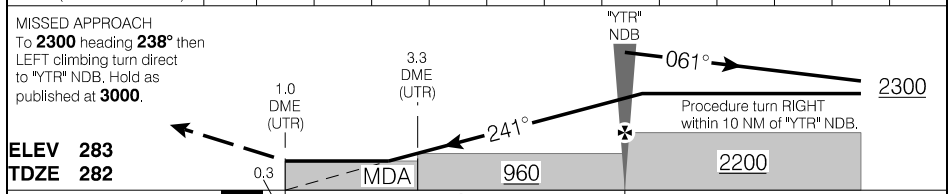
440709N 0773142W VAR 12°W

ATIS - 135.45 257.7	TML - 128.4 324.3	TWR - 128.7 236.6	GND - 121.9 275.8	
SAFE ALT 100 NM 4800	NDB YTR 215	APCH CRS 241°	MIN ALT YTR 2200		LDA 9001



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

DIST FROM DME (UTR)															
ALT (3.00° APCH PATH)			900	1050	1370	1690	2000	2300	2640	2960	3280	3600	3910		



ELEV 283 TDZE 282	MDA	960			2200								
	0.3	5.9											
	CATEGORY	A		B		C		D					
	NDB/DME	900		(618)		1¼							
YTR NDB to 1.0 DME 5.9 NM													
	Knots	ft/min	Min:Sec	☑ CIRCLING	900	(617)	1½	960	(677)	2	1200	(917)	3
	70	370	5:03	NDB	960		(678)		1½				
	90	480	3:56		960		(677)		2		1200		
	110	580	3:13		960		(677)		2		1200		
	130	690	2:43	☑ CIRCLING	960	(677)	1½	960	(677)	2	1200	(917)	3
	150	800	2:22	960		(677)		2		1200		(917)	3

NDB RWY 24 (DND)

CYTR

EFF 15 JUN 23

Departure Route Description

Unless otherwise assigned by ATC

- Rwy 06:**
1. Turn right hdg **150°** for RADAR vectors to assigned route.
 2. Climb to and maintain **3000'** ASL until 15 DME then climb to **5000'** ASL or flight planned altitude, whichever is lower.
- Rwy 24:**
1. Turn left hdg **150°** for RADAR vectors to assigned route.
 2. Climb to and maintain **3000'** ASL until 15 DME then climb to **5000'** ASL or flight planned altitude, whichever is lower.

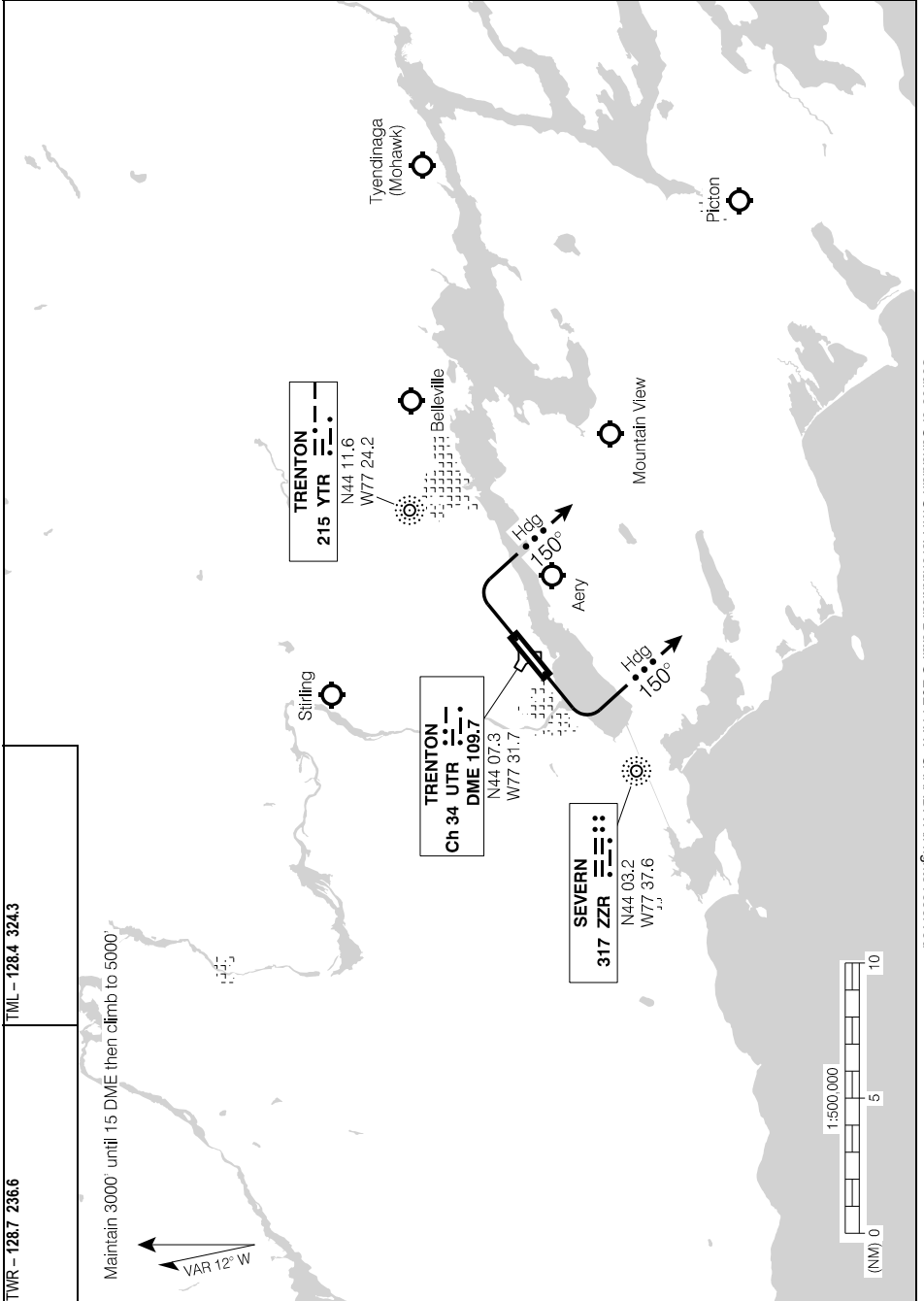
Communication Failure

Transponder mode A/3 code 7600

On recognition of a failure 20 minutes or less after takeoff and in IFR weather condition proceed as follows:

1. Upon reaching last assigned altitude proceed on course;
2. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
3. Climb to flight planned altitude.

NOTE: If communication failure occurs more than 20 minutes after take-off, comply with the appropriate procedure for communication failure enroute.



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

Unless otherwise assigned by ATC

- Rwys 06 & 24:**
1. Climb rwy hdg for RADAR vectors to assigned route.
 2. Maintain **5000'** ASL or flight planned altitude, whichever is lower.

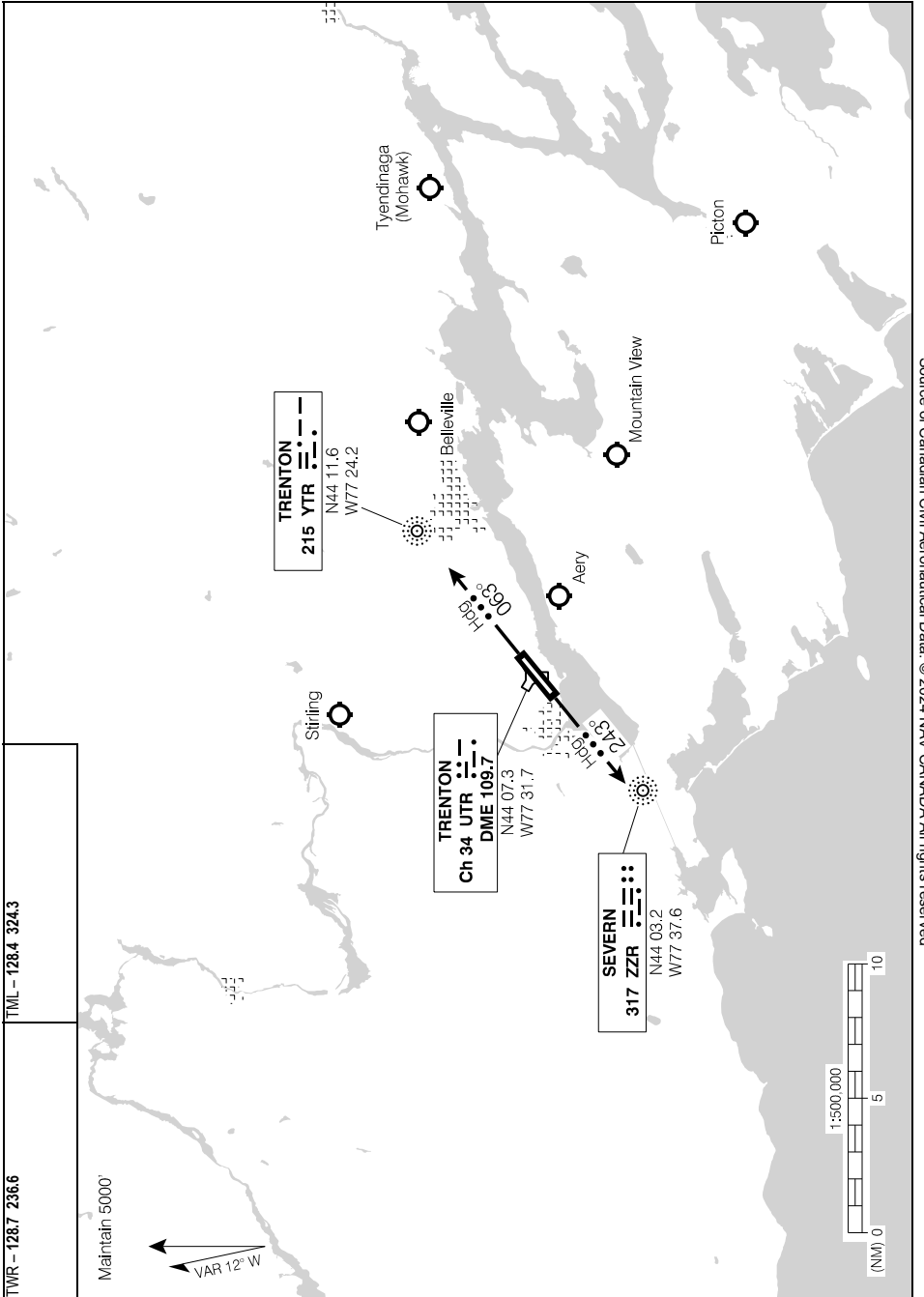
Communication Failure

Transponder mode A/3 code 7600

On recognition of a failure 20 minutes or less after takeoff and in IFR weather condition proceed as follows:

1. Upon reaching last assigned altitude proceed on course;
2. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
3. Climb to flight planned altitude.

NOTE: If communications failure occurs more than 20 minutes after take-off, comply with the appropriate procedure for communication failure enroute.

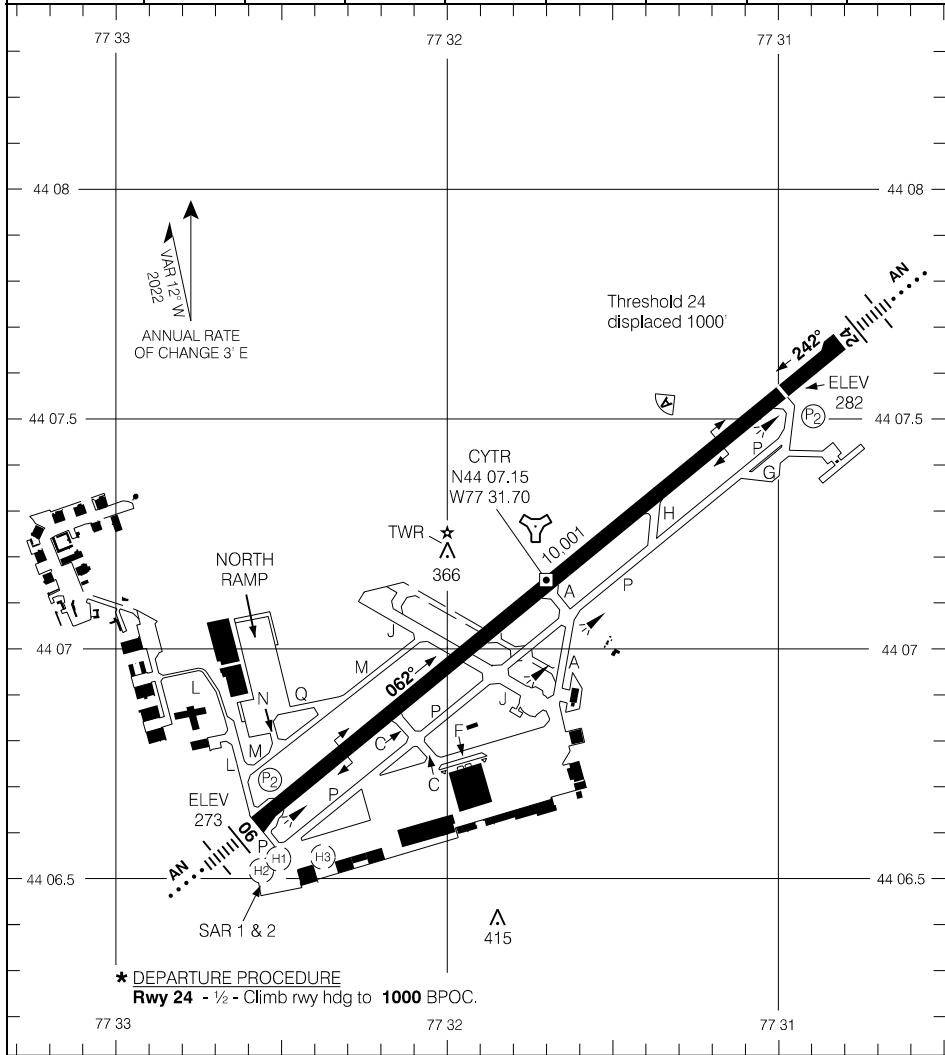


Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

AERODROME CHART (DND)

ATIS - 135.45 257.7		CLNC DEL - 124.35 286.4		TWR - 128.7 236.6		TML - 128.4 324.3	
		GND - 121.9 275.8					

DECL	DISTS	06	24				
TORA		10001	10001				
TODA		10001	10001				
ASDA		10001	10001				
LDA		10001	9001				



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwy 06: 1/2 Rwy 24: *	2000 1000 0 1000 2000

AERODROME CHART (DND)

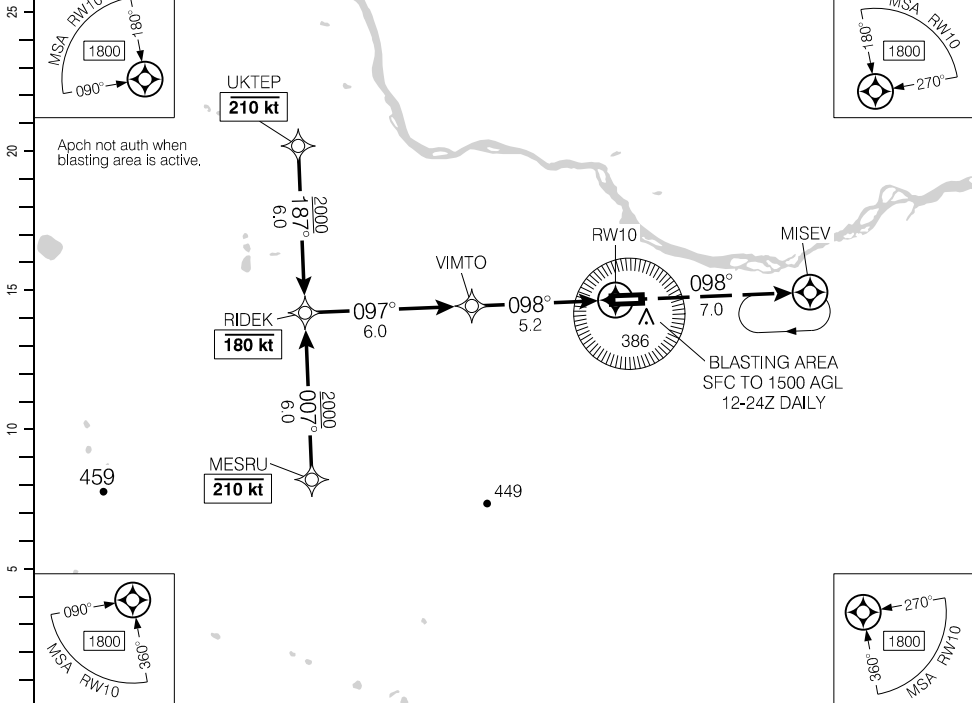
CYTR

EFF 5 OCT 23

RNAV (GNSS) RWY 10

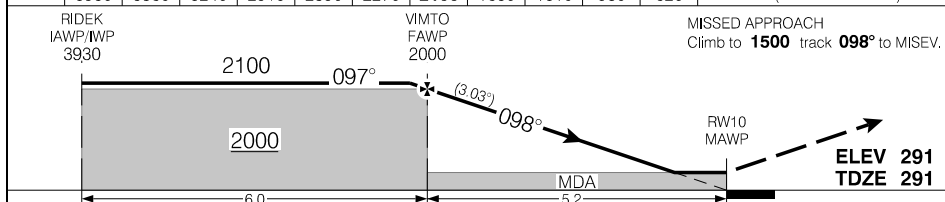
524958N 0835529W VAR 10°W

AUTO - 122.55		UNICOM - 123.2			ARCAL 123.2(K)
SAFE ALT 100 NM 2100	RNAV	APCH CRS 098°	MIN ALT VIMTO 2000	LDA 4921	ATF



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)	11.2	10	9	8	7	6	5.5	4	3	2	0.9	DIST FROM RWY10	
	3930	3560	3240	2910	2590	2270	2100	1630	1310	980	620	ALT (3.03° APCH PATH)	



RASS: When using CYAT add 160'	CATEGORY	A	B	C	D
	LNAV	620		(329)	1
Knots	ft/min	Min:Sec			
70	380				
90	480				
110	590				
130	700				
150	800				

RNAV (GNSS) RWY 10

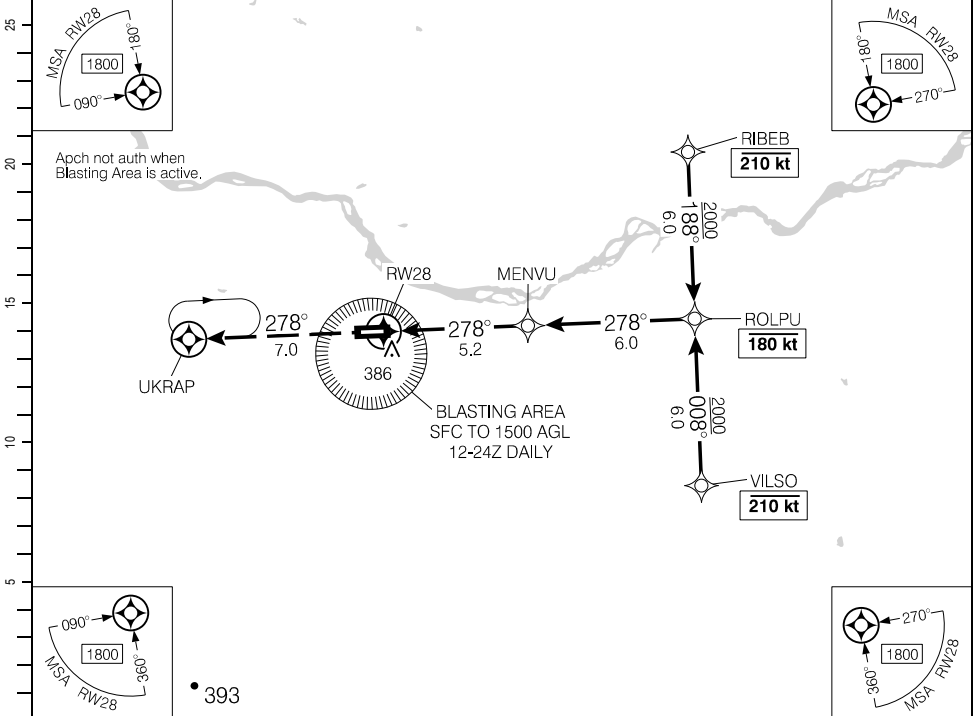
CVM2

EFF 20 APR 23

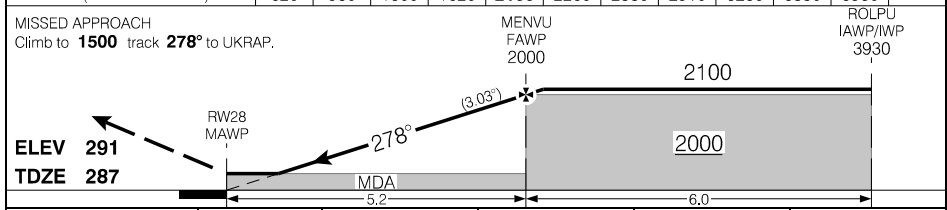
RNAV (GNSS) RWY 28

524958N 0835529W VAR 10°W

AUTO - 122.55		UNICOM - 123.2			ARCAL 123.2(K)
SAFE ALT 100 NM 2100	RNAV	APCH CRS 278°	MIN ALT MENVU 2000	LDA 4921	ATF



(NM)	DIST FROM RW28	0.9	2	3	4	5.5	6	7	8	9	10	11.2	
	ALT (3.03° APCH PATH)	620	980	1300	1620	2100	2260	2580	2910	3230	3550	3930	



RASS: When using CYAT add 160'		CATEGORY	A	B	C	D
		LNAV	620		(337)	1
Knots	ft/min	Min:Sec				
70	380					
90	480					
110	590					
130	700					
150	800					

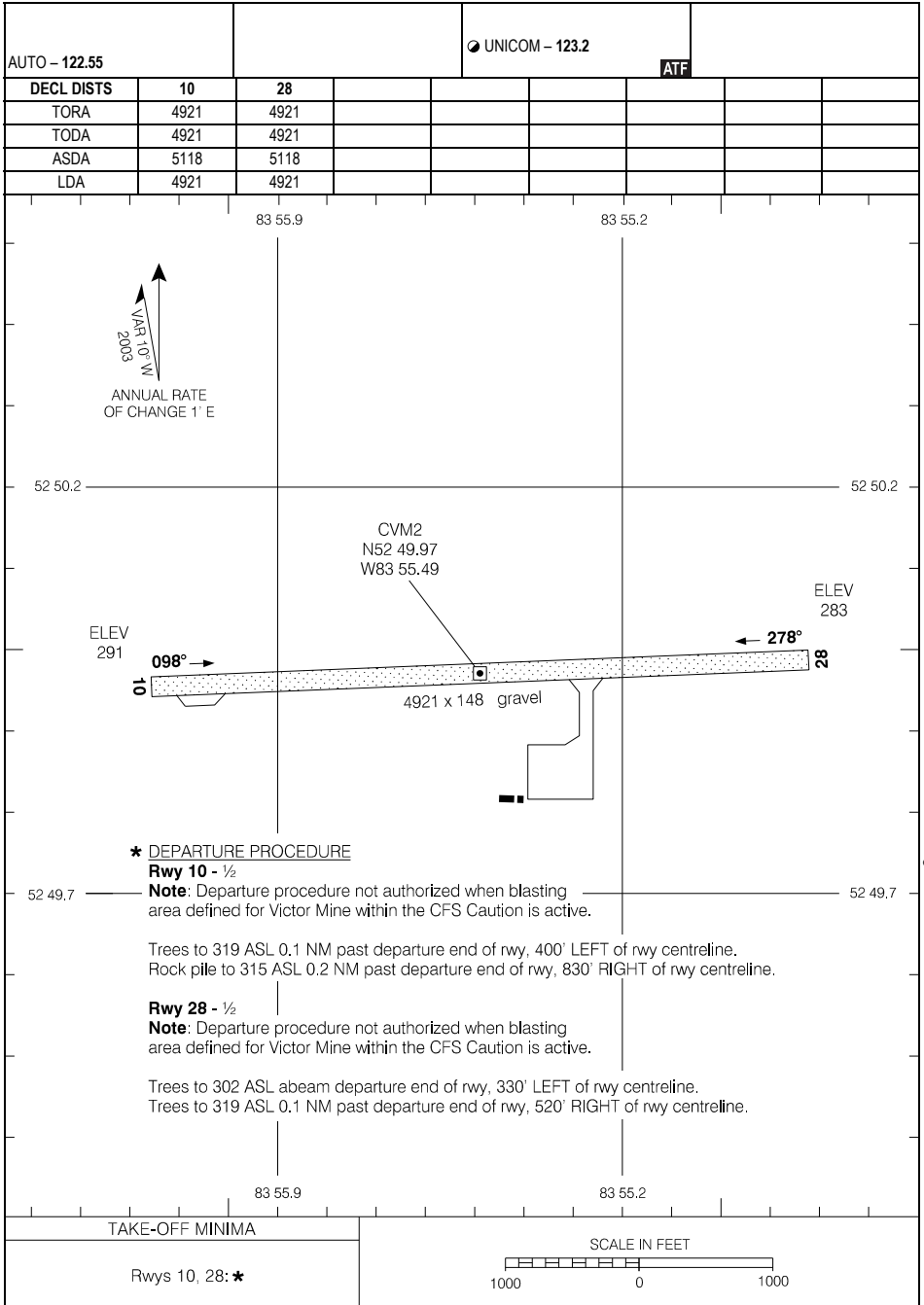
RNAV (GNSS) RWY 28

CVM2

EFF 20 APR 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART



*** DEPARTURE PROCEDURE**

Rwy 10 - 1/2

Note: Departure procedure not authorized when blasting area defined for Victor Mine within the CFS Caution is active.

Trees to 319 ASL 0.1 NM past departure end of rwy, 400' LEFT of rwy centreline.
Rock pile to 315 ASL 0.2 NM past departure end of rwy, 830' RIGHT of rwy centreline.

Rwy 28 - 1/2

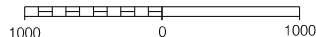
Note: Departure procedure not authorized when blasting area defined for Victor Mine within the CFS Caution is active.

Trees to 302 ASL abeam departure end of rwy, 330' LEFT of rwy centreline.
Trees to 319 ASL 0.1 NM past departure end of rwy, 520' RIGHT of rwy centreline.

TAKE-OFF MINIMA

Rwys 10, 28: *

SCALE IN FEET



AERODROME CHART

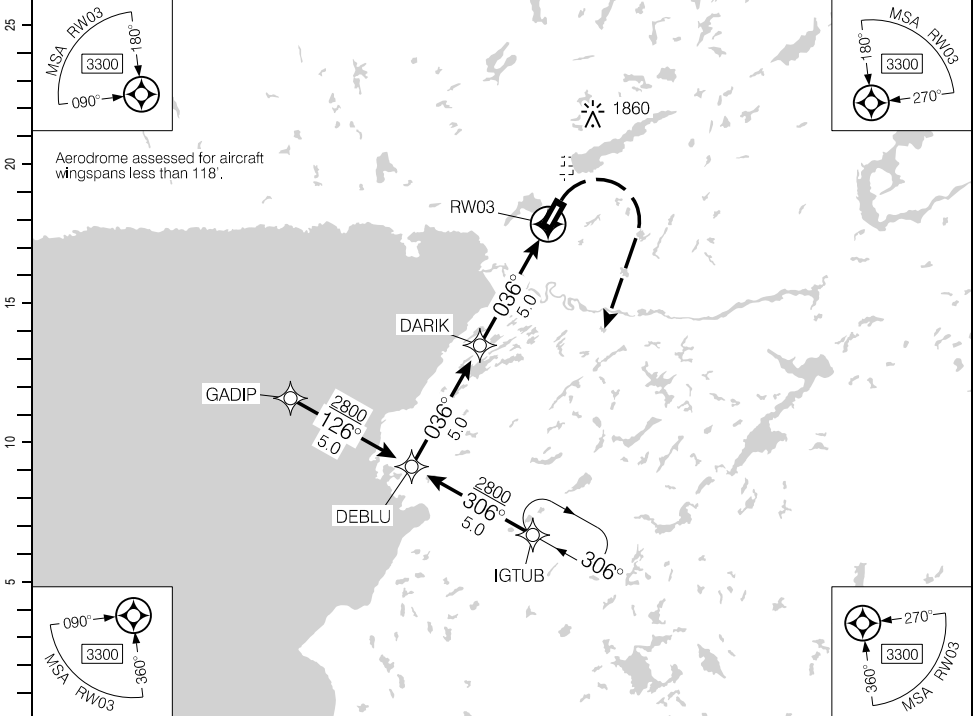
CVM2

EFF 20 APR 23

RNAV (GNSS) RWY 03

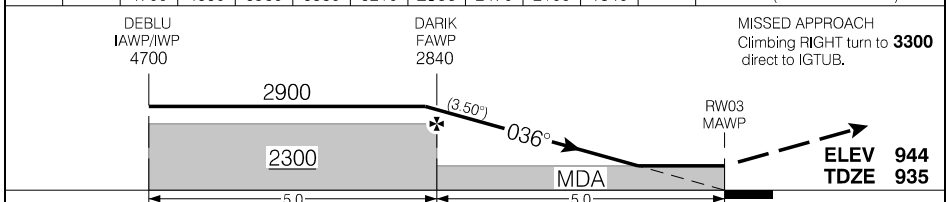
475801N 0844711W VAR 7°W

CTR Toronto – 124.07		UNICOM – 122.8 (AU)		ARCAL 122.8(K)	
SAFE ALT 100 NM 3400		RNAV	APCH CRS 036°	MIN ALT DARIK 2300	LDA 4429
					ATF
					Ⓟ 3.5°



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5.2	4	3	1.5	DIST FROM RWY03	
	4700	4330	3960	3580	3210	2900	2470	2100	1540	ALT (3.50° APCH PATH)	



RASS: When using CYLD add 210'.	CATEGORY	A	B	C	D
	LNAV	1540	(605)	1%	NOT AUTHORIZED

Knots	ft/min	Min:Sec
70	430	
90	560	
110	680	
130	810	
150	930	

RNAV (GNSS) RWY 03

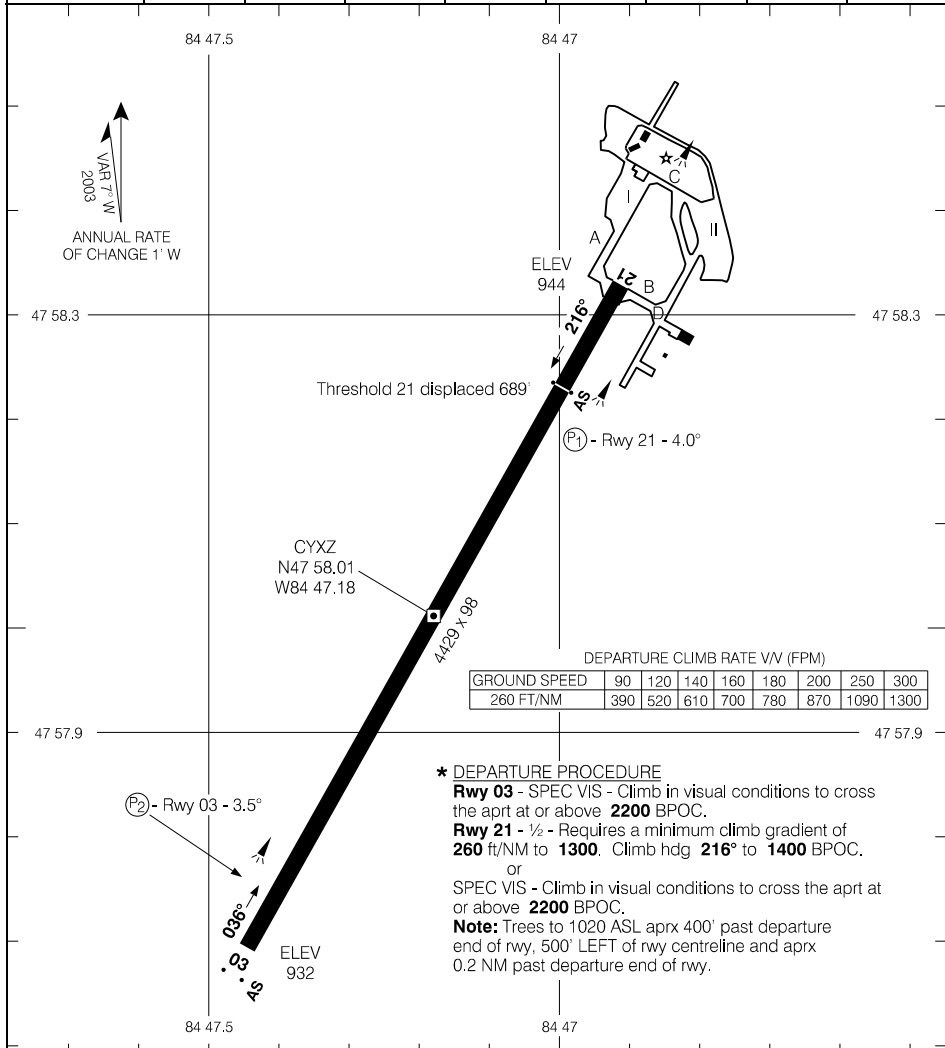
CYXZ

EFF 25 FEB 21

AERODROME CHART

				UNICOM - 122.8 (AU)		CTR Toronto - 124.07	
						ATF	

DECL	DISTS	03	21				
TORA		4429	4429				
TODA		4429	4429				
ASDA		4429	4429				
LDA		4429	3740				

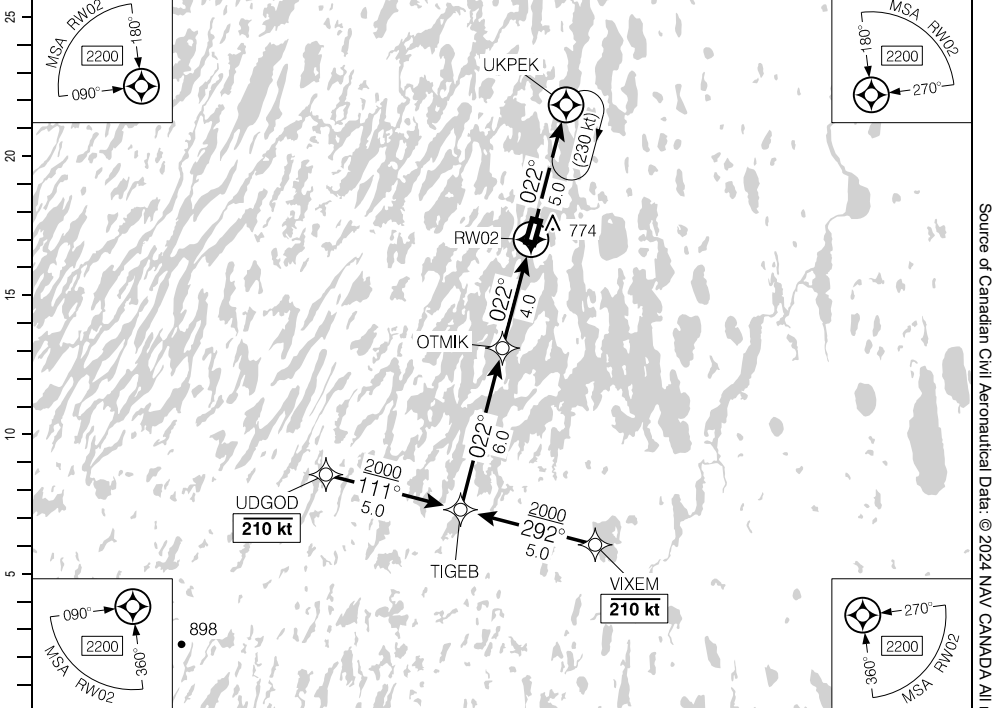


TAKE-OFF MINIMA	SCALE IN FEET
Rwys 03, 21: *	1000 0 1000

RNAV (GNSS) RWY 02

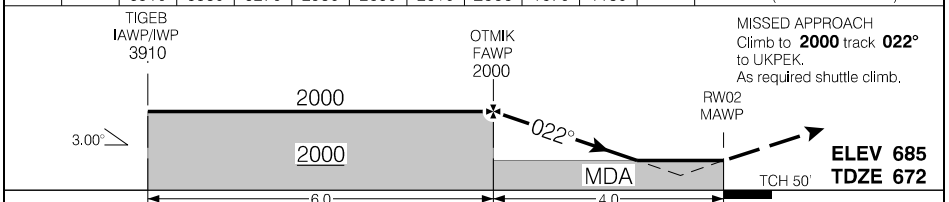
525734N 0872231W VAR 7°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 2600	WAAS Ch 80410 W02A	APCH CRS 022°	MIN ALT OTMIK 2000	LDA 3525		AS	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	10	9	8	7	6	5	4.0	3	1.5	DIST FROM RWY02	
	3910	3580	3270	2950	2630	2310	2000	1670	1180	ALT (3.00° APCH PATH)	



RASS: Use CYLH.			CATEGORY	A	B	C	D
			LPV	1165	(500)		1¼
			LNAV	1180	(515)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 02

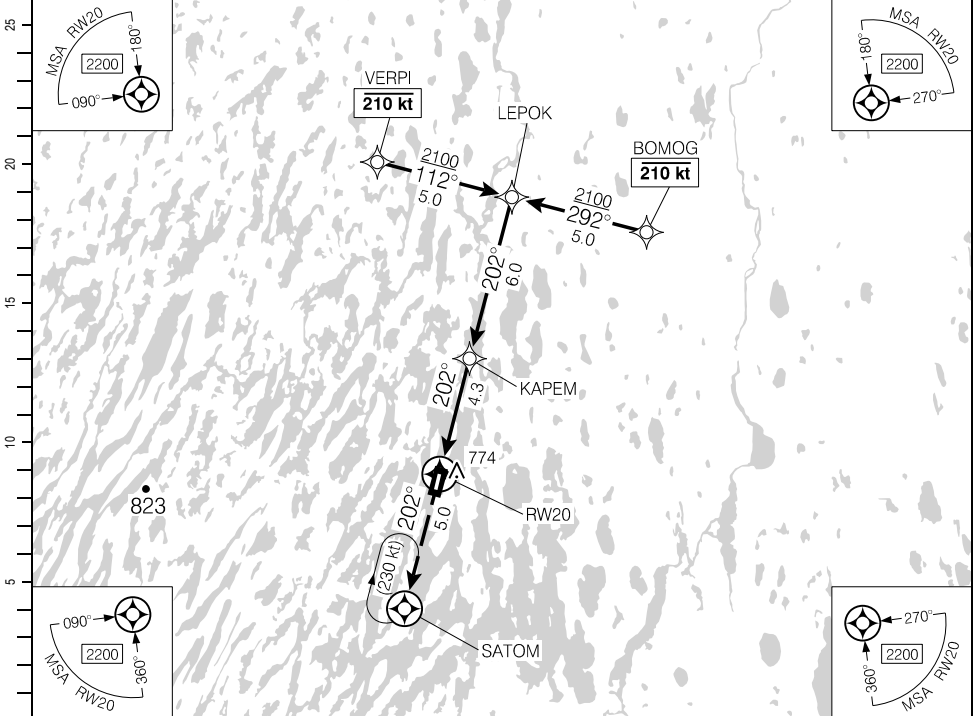
CYWP

EFF 21 MAR 24

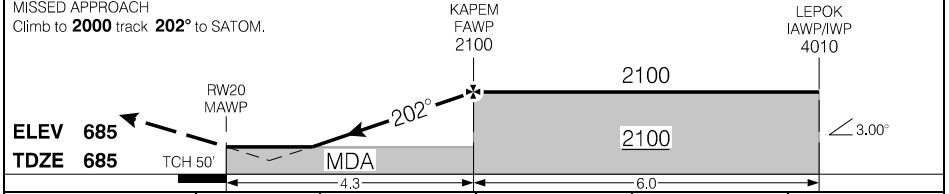
RNAV (GNSS) RWY 20

525734N 0872231W VAR 7°W

		TFC - 122.8		ATF		ARCAL 122.8(K)	
SAFE ALT 100 NM 2600		WAAS Ch 80411 W20A		APCH CRS 202°		MIN ALT KAPEM 2100	
				LDA 3525			



DIST FROM RW20	1.5	3	4.3	5	6	7	8	9	10.3		
ALT (3.00° APCH PATH)	1200	1690	2100	2330	2650	2970	3290	3600	4010		



RASS: Use CYLH.			CATEGORY	A	B	C	D
			LPV	1185	(500)		1¼
			LNAV	1200	(515)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 20

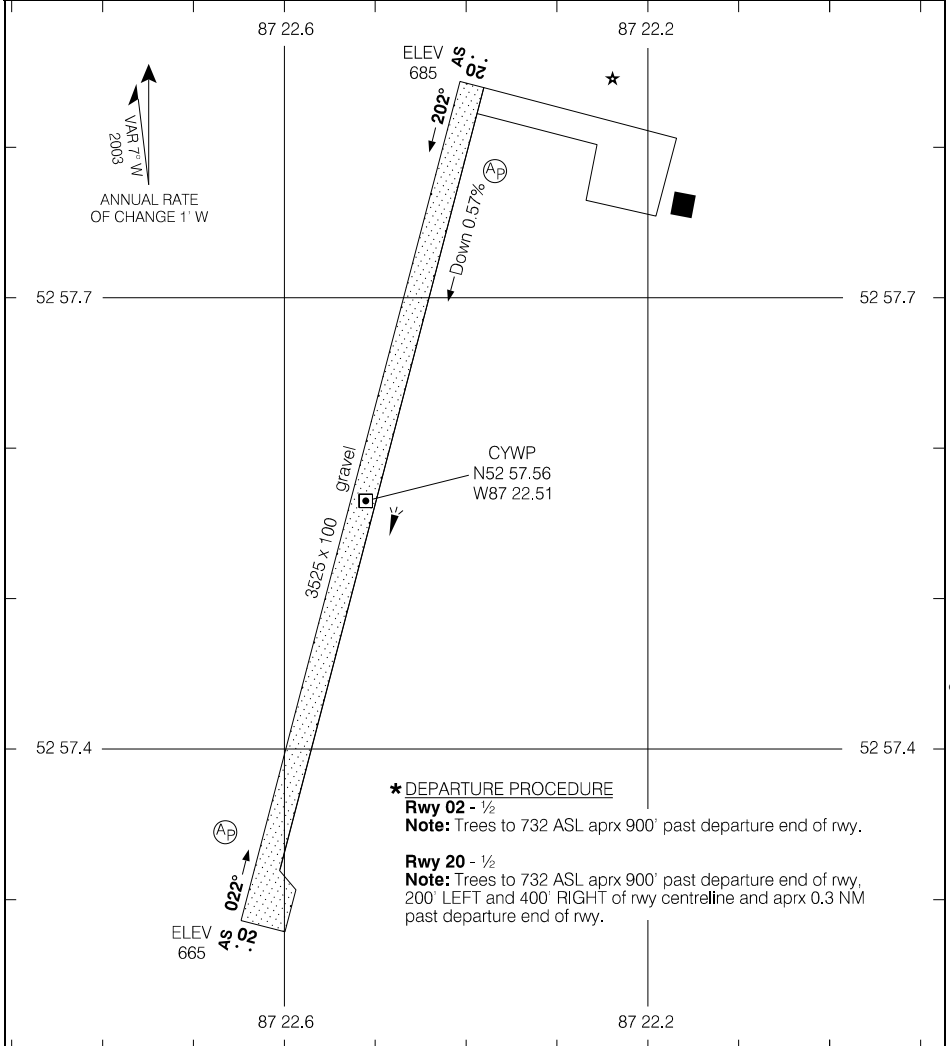
CYWP

EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

				TFC - 122.8		ATF	
DECL DIST	02	20					
TORA	3525	3525					
TODA	4509	4509					
ASDA	3525	3525					
LDA	3525	3525					



*** DEPARTURE PROCEDURE**

Rwy 02 - 1/2

Note: Trees to 732 ASL aprx 900' past departure end of rwy.

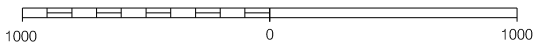
Rwy 20 - 1/2

Note: Trees to 732 ASL aprx 900' past departure end of rwy, 200' LEFT and 400' RIGHT of rwy centreline and aprx 0.3 NM past departure end of rwy.

TAKE-OFF MINIMA

Rwys 02:20: *

SCALE IN FEET



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

EFF 21 MAR 24

CYWP

CNQ3-IAP-3

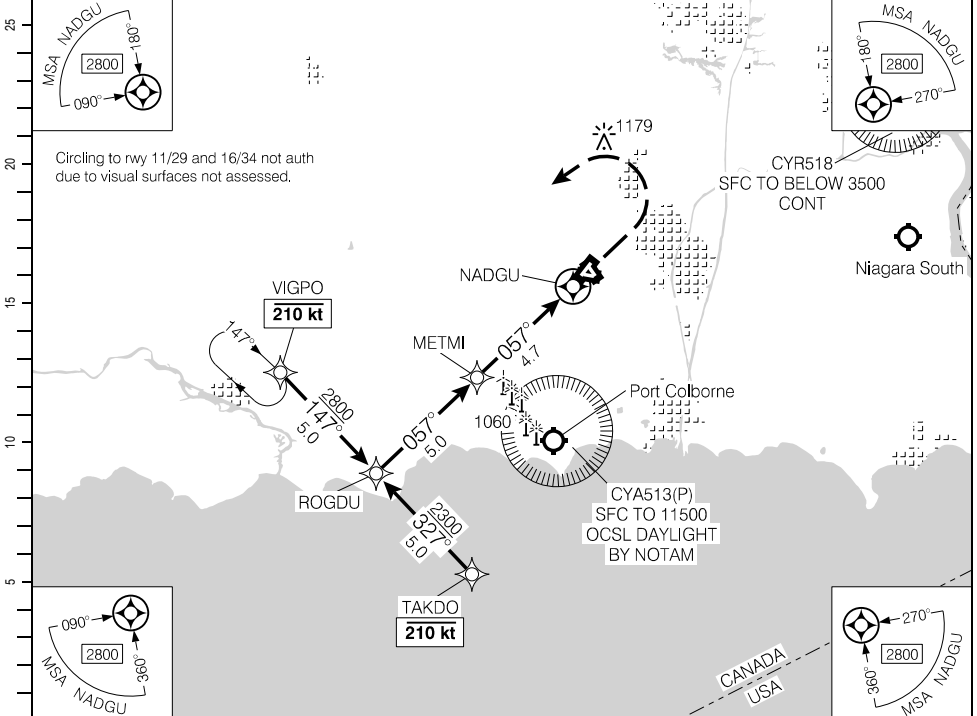
WELLAND/NIAGARA CENTRAL DOROTHY RUNGELING, ON

425848N 0791929W VAR 10°W

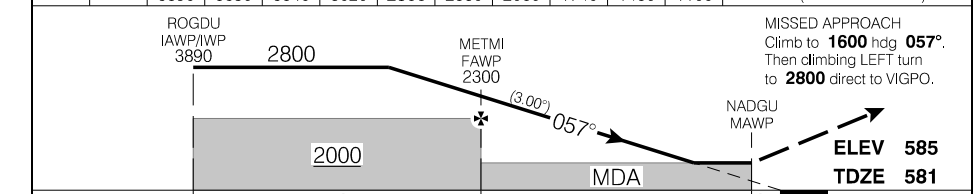
CNQ3

RNAV (GNSS) RWY 05

TML Toronto – 133.4 (N) ARR Buffalo – 126.5 (S)		UNICOM – 123.5		ARCAL 123.5(K)	
SAFE ALT 100 NM 5300	RNAV	APCH CRS 057°	MIN ALT METMI 2000	LDA 3493	ATF 9.0'



(NM)	9.7	9	8	7	6.3	5	4	3	2	1.0	DIST FROM NADGU
	3890	3650	3340	3020	2800	2380	2060	1740	1430	1100	ALT (3.00° APCH PATH)



RASS: Use KIAG.		CATEGORY	A	B	C	D
		RNAV	1100 (519)	1½	NOT AUTHORIZED	
		CIRCLING	1100 (515)	1½	NOT AUTHORIZED	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 05

CNQ3

EFF 16 JUL 20

CNQ3-IAP-3

Canada Air Pilot

Effective 0901Z 21 MAR 2024 to 0901Z 16 MAY 2024

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Procedure

Rwy 05 – ½: Departure not authorized when CYA513 active. Requires a minimum climb gradient of **410** ft/NM to **4500**.

Note: Trees to 633 ASL abeam departure end of rwy, aprx 400' RIGHT of rwy centreline.

or

SPEC VIS - Climb in visual conditions to cross the aprt at or above **2600** BPOC.

Rwy 23 – ½: Departure not authorized when CYA513 active. Climb hdg **228°** to **2200** BPOC.

Note: Trees to 641 ASL aprx 0.2 NM past departure end of rwy. Powerlines to 640 ASL aprx 0.3 NM past departure end of rwy, aprx 1000' LEFT of rwy centreline

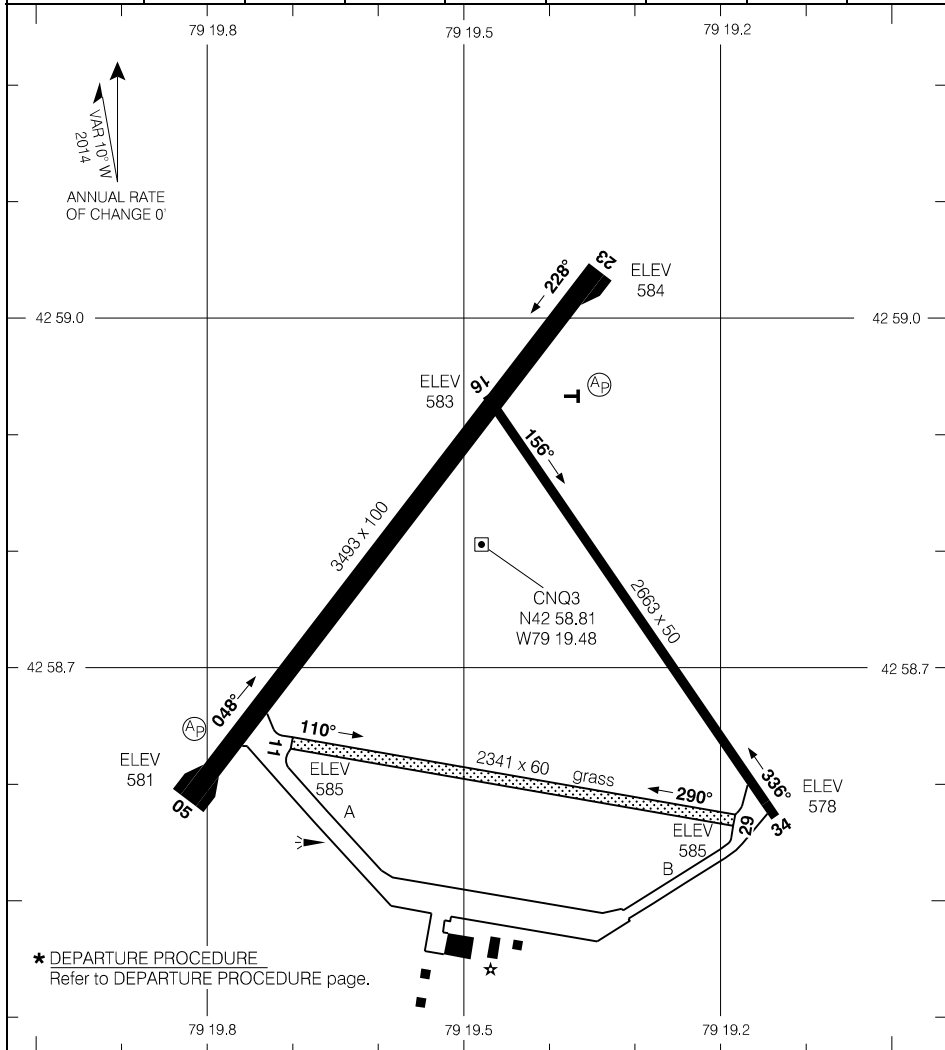
DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
410 FT/NM	620	820	960	1100	1230	1370	1710	2050

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

AERODROME CHART

					UNICOM - 123.5		ATF		TML Toronto - 133.4 (N) ARR Buffalo - 126.5 (S)	
DECL	DISTS	05	23	16	34					
TORA		3493	3493	2663	2663					
TODA		3493	3493	2663	2663					
ASDA		3493	3493	2663	2663					
LDA		3493	3493	2663	2663					



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA		SCALE IN FEET	
Rwys 05, 23: *	Rwys 11, 16, 29, 34: NOT ASSESSED	1000 0 1000	

AERODROME CHART

CNQ3

EFF 23 FEB 23

CNQ3-AD

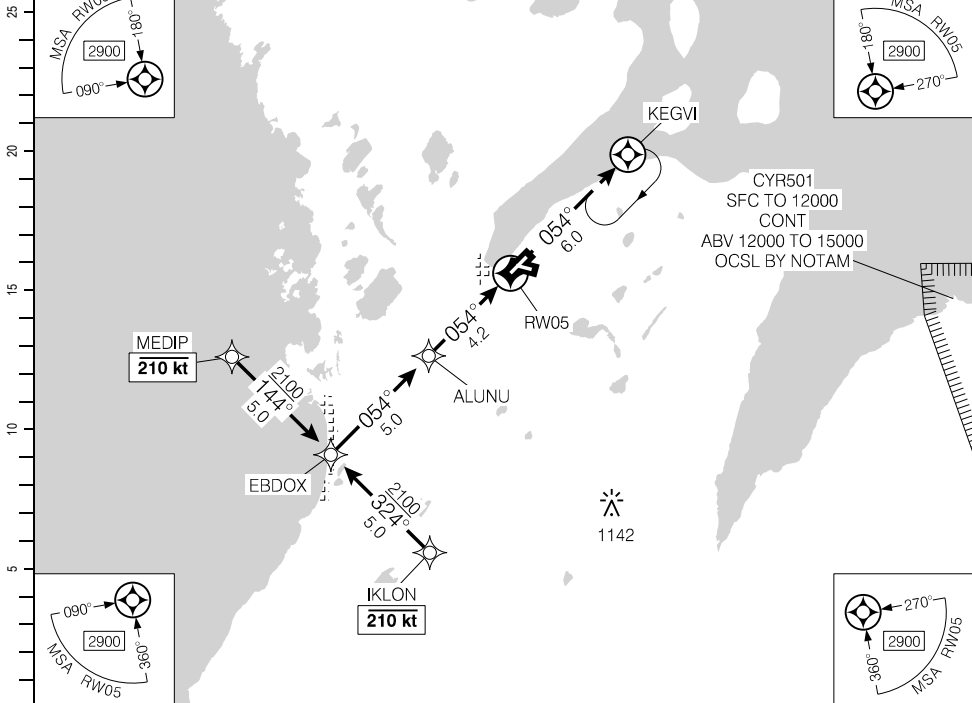
Canada Air Pilot

Effective 0901Z 21 MAR 2024 to 0901Z 16 MAY 2024

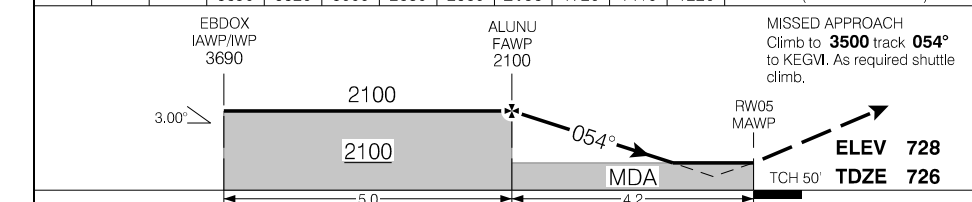
RNAV (GNSS) RWY 05

444439N 0810631W VAR 10°W

CTR Toronto - 132.57		TFC - 122.2			ARCAL 122.2(K)
SAFE ALT 100 NM 3300	WAAS Ch 80617 W05A	APCH CRS 054°	MIN ALT ALUNU 2100	LDA Ch 5033	



(NM)	9.2	8	7	6	5	4.2	3	2	1.4	DIST FROM RW05
	3690	3320	3000	2680	2360	2100	1720	1410	1220	ALT (3.00° APCH PATH)



			CATEGORY	A	B	C	D
			LPV	1219	(500)		1¼
			LNAV/VNAV (min. -20°C, max. 54°C)	1219	(500)		1¼
			LNAV	1220	(501)		1½
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 05

CYVV

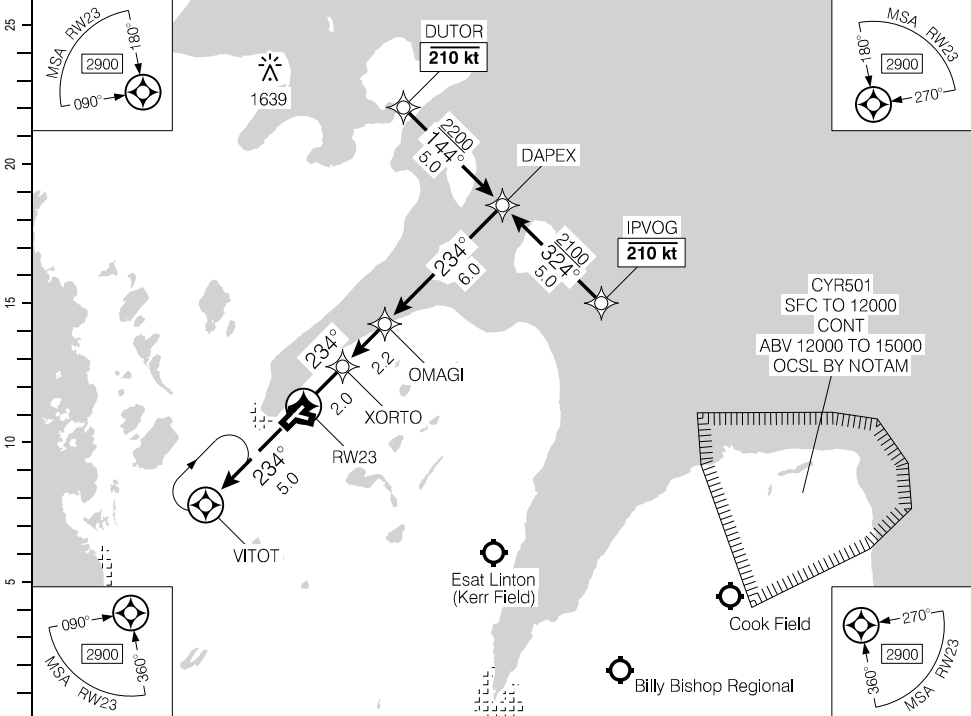
EFF 24 MAR 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

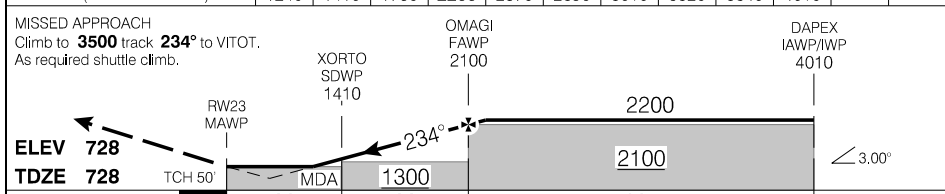
RNAV (GNSS) RWY 23

444439N 0810631W VAR 10°W

CTR Toronto – 132.57		TFC – 122.2			ARCAL 122.2(K)
SAFE ALT 100 NM 3300	WAAS Ch 80618 W23A	APCH CRS 234°	MIN ALT OMAGI 2100	LDA 5033	MF P2



(NM)	DIST FROM RW23	1.5	2	3	4.5	5	6	7	8	9	10.2		
	ALT (3.00° APCH PATH)	1240	1410	1730	2200	2370	2690	3010	3320	3640	4010		



MISSED APPROACH Climb to 3500 track 234° to VITOT. As required shuttle climb.		XORTO SDWP 1410	OMAGI FAWP 2100	DAPEX IAWP/IWP 4010		
ELEV	728					
TDZE	728					
CATEGORY		A		B	C	D
LPV		1226		(500)		1¼
LNAV/VNAV (min. -20°C, max. 54°C)		1226		(500)		1¼
LNAV		1240		(514)		1½
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 23

CYVV

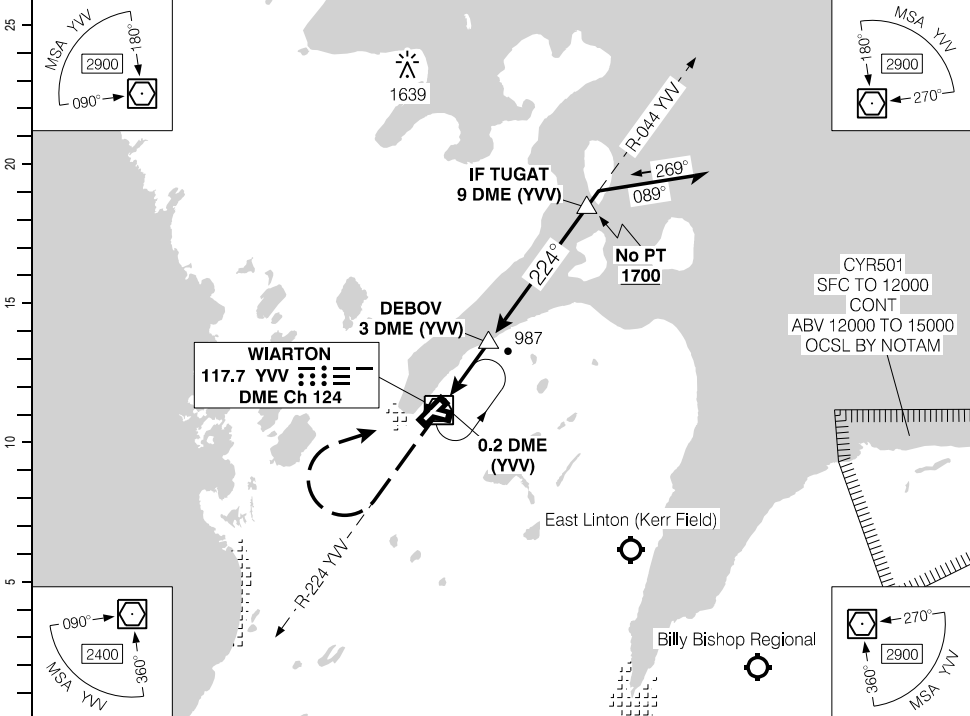
EFF 24 MAR 22

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

VOR/DME RWY 23

444439N 0810631W VAR 8°W

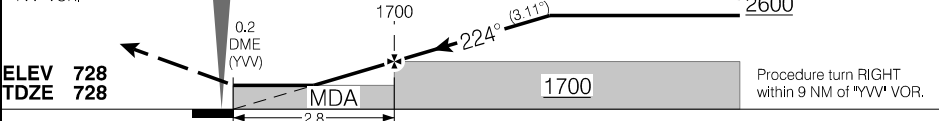
CTR Toronto – 132.57		TFC – 122.2		ARCAL 122.2(K)	
SAFE ALT 100 NM 3300	VOR YVW 117.7	APCH CRS 224°	MIN ALT DEBOV 1700	LDA 5033	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM DME (YVW)	1.6	3	4	5	5.7	7	8	9			
	ALT (3.11° APCH PATH)	1240	1700	2030	2360	2600	3020	3350	3680			

MISSED APPROACH
Climb to **3500** on **R-224**.
Then **RIGHT** turn direct to
"YVW" VOR.



ELEV 728 TDZE 728		MDA 1700		Procedure turn RIGHT within 9 NM of "YVW" VOR.	
CATEGORY		A	B	C	D
VOR/DME		1240		(512)	1½
Knots	ft/min	Min:Sec			
70	380				
90	490				
110	600				
130	710				
150	820				

VOR/DME RWY 23

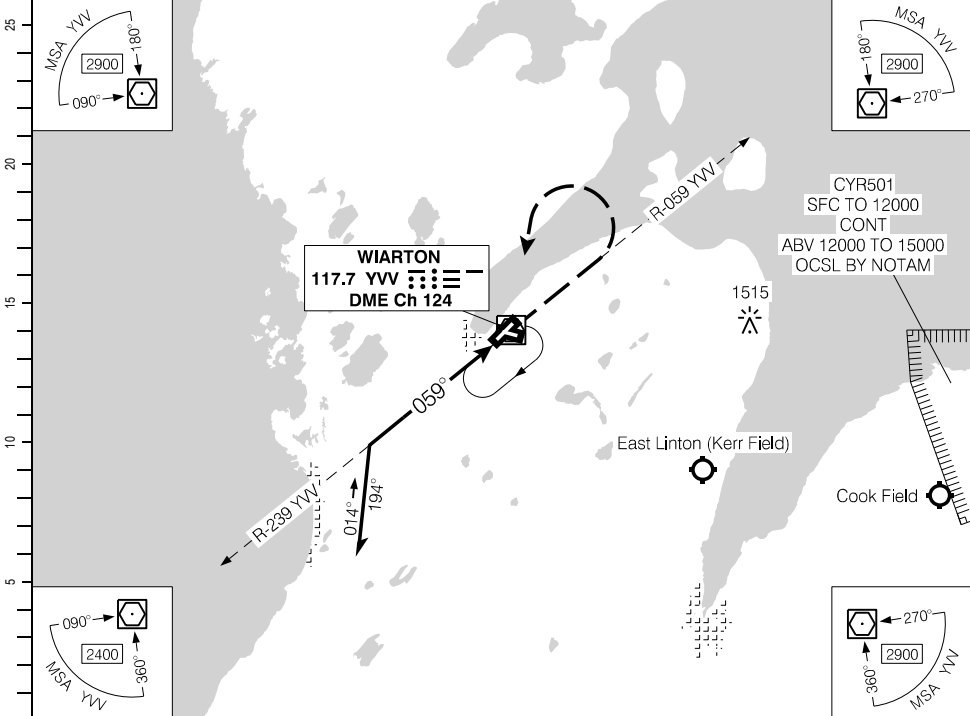
CYVV

EFF 24 MAR 22

VOR RWY 05

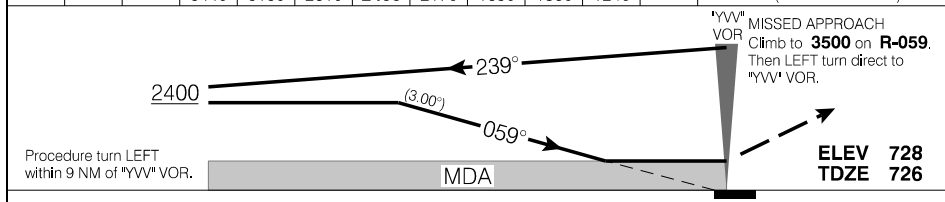
444439N 0810631W VAR 8°W

CTR Toronto – 132.57		TFC – 122.2		MF	ARCAL 122.2(K)
SAFE ALT 100 NM 3300	VOR YVW 117.7	APCH CRS 059°			LDA 5033



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	9	8	7	5.7	5	4	3	2.1		DIST FROM "YVW" VOR
	3440	3130	2810	2400	2170	1850	1530	1240		ALT (3.00° APCH PATH)



	CATEGORY	A	B	C	D
	VOR	1240	(514)	1½	

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

VOR RWY 05

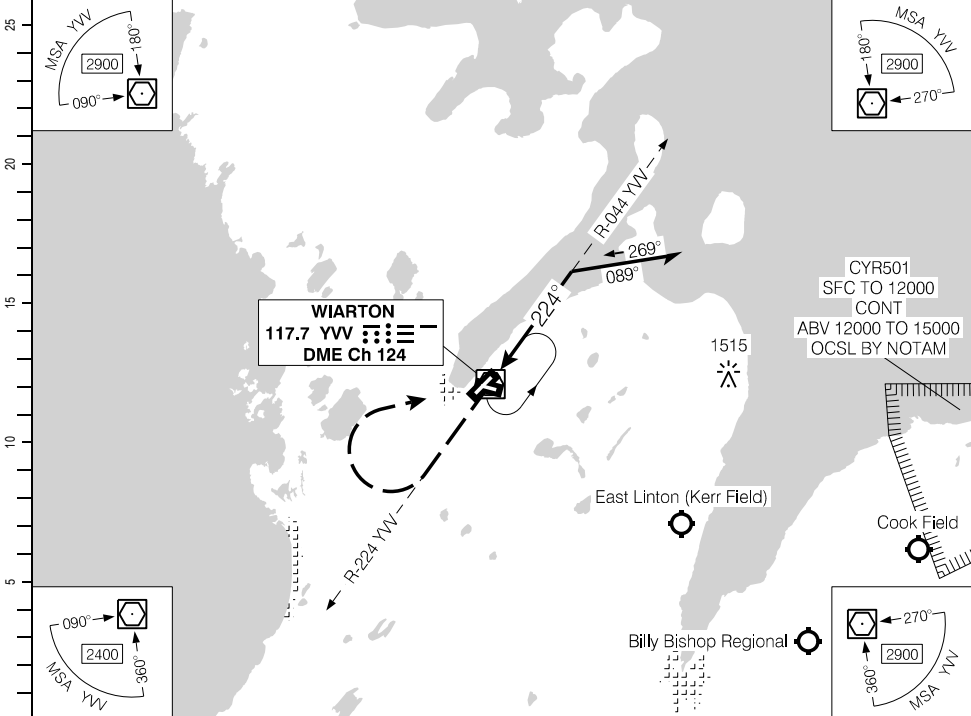
CYVV

EFF 24 MAR 22

VOR RWY 23

444439N 0810631W VAR 8°W

CTR Toronto – 132.57		TFC – 122.2		MF	ARCAL 122.2(K)
SAFE ALT 100 NM 3300	VOR YVW 117.7	APCH CRS 224°	LDA 5033		

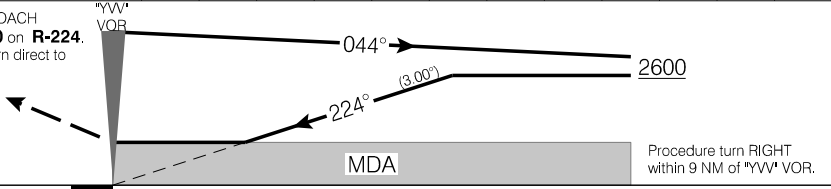


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

(NM)	DIST FROM "YVW" VOR	2.3	3	4	5	5.9	7	8	9			
	ALT (3.00° APCH PATH)	1440	1670	1990	2300	2600	2940	3260	3580			

MISSED APPROACH
Climb to **3500** on **R-224**.
Then RIGHT turn direct to
"YVW" VOR.

ELEV **728**
TDZE **728**



	CATEGORY	A	B	C	D
	VOR	1440	(712)	2¼	

Knots	ft/min	Min:Sec
70	370	
90	480	
110	580	
130	690	
150	800	

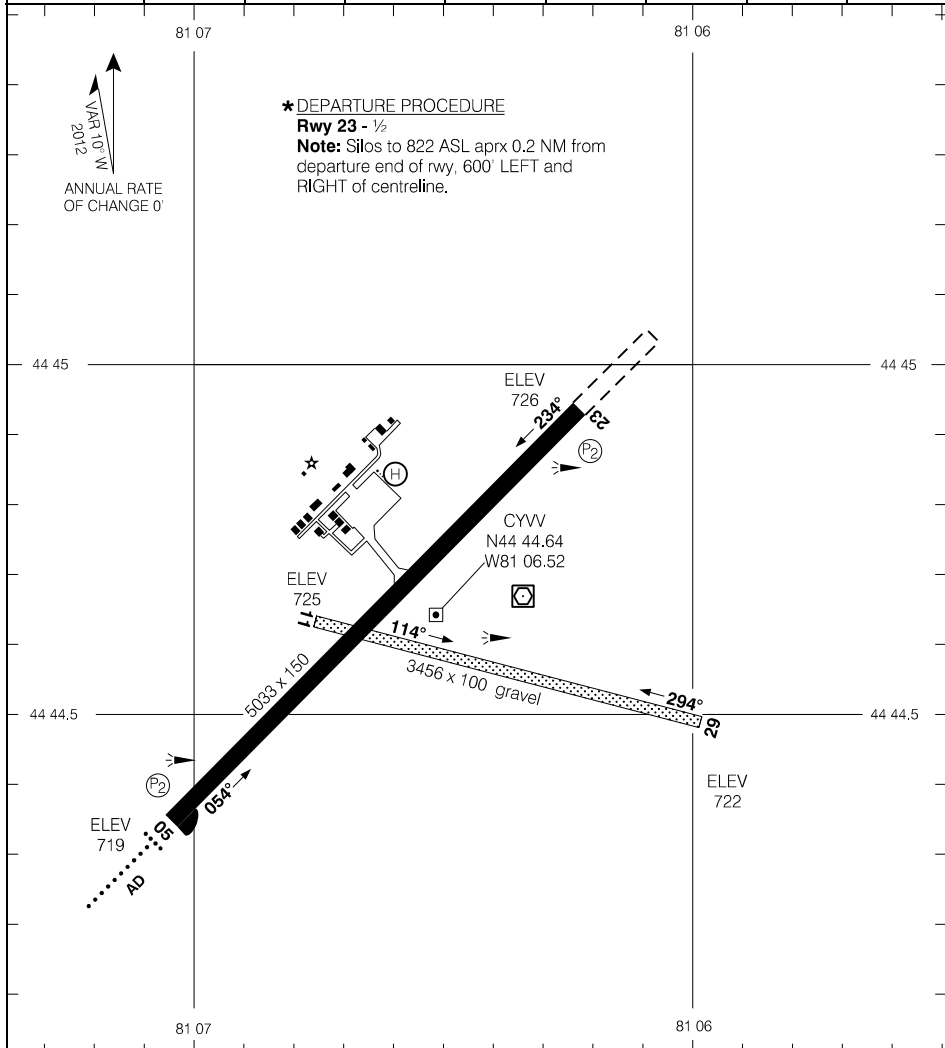
VOR RWY 23

CYVV

EFF 5 DEC 19

AERODROME CHART

				CTR Toronto - 132.57	
				TFC - 122.2	
				MF	
DECL DIST	05	23	11	29	
TORA	5033	5033	3456	3456	
TODA	6017	6017	4440	4440	
ASDA	5033	5033	3456	3456	
LDA	5033	5033	3456	3456	



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

TAKE-OFF MINIMA	SCALE IN FEET
Rwys 23: ★ Rwys 05; 11; 29: NOT ASSESSED	1000 0 1000

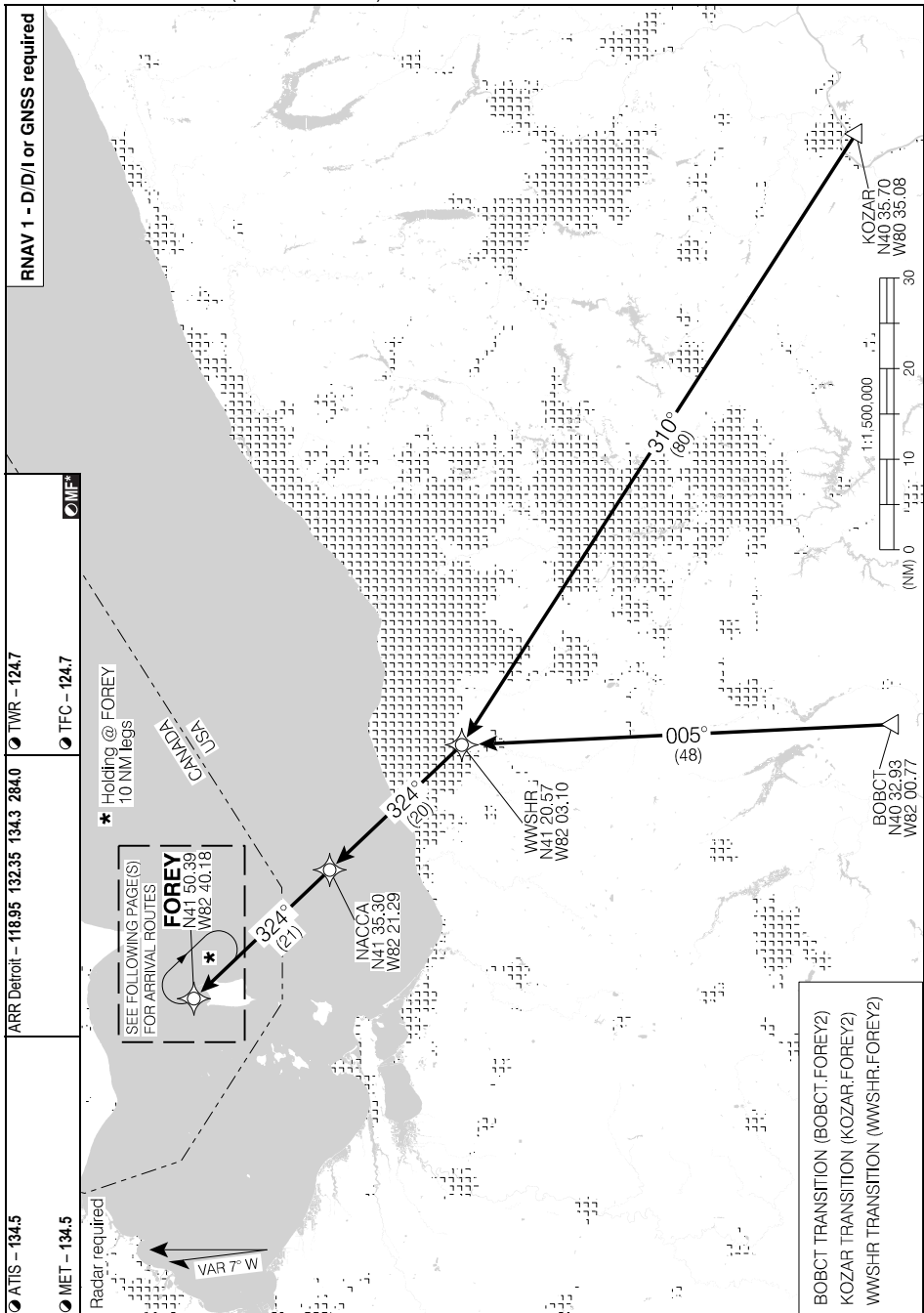
AERODROME CHART

CYVV

EFF 24 MAR 22

FOREY TWO ARR (FOREY.FOREY2) TRANSITION ROUTES

CYQG



- BOBCT TRANSITION (BOBCT.FOREY2)
- KOZAR TRANSITION (KOZAR.FOREY2)
- WWSHR TRANSITION (WWSHR.FOREY2)

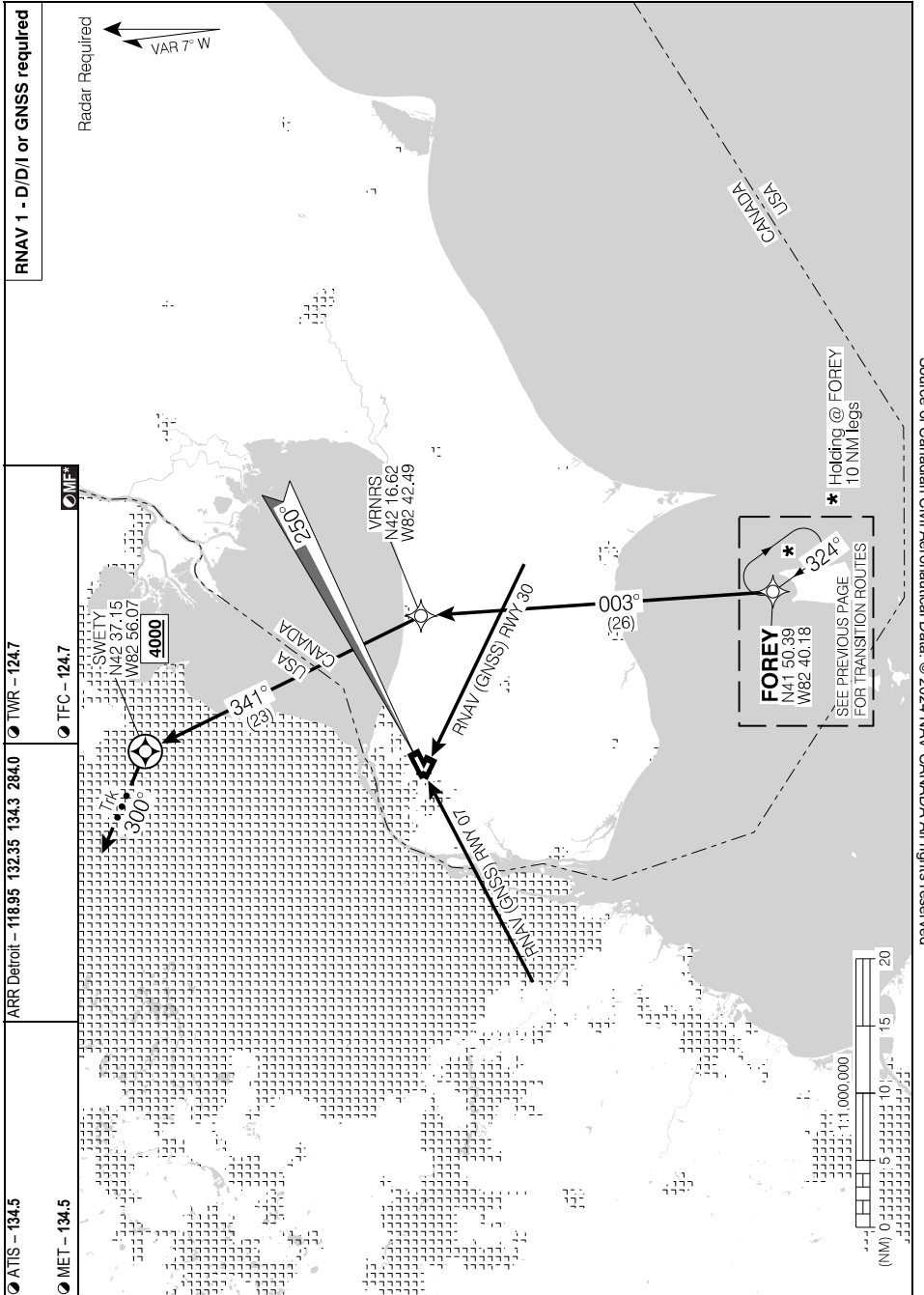
FOREY TWO ARR (FOREY.FOREY2) TRANSITION ROUTES

CYQG

EFF 10 OCT 19

FOREY TWO ARR (FOREY.FOREY2) ARRIVAL ROUTES

CYQG



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

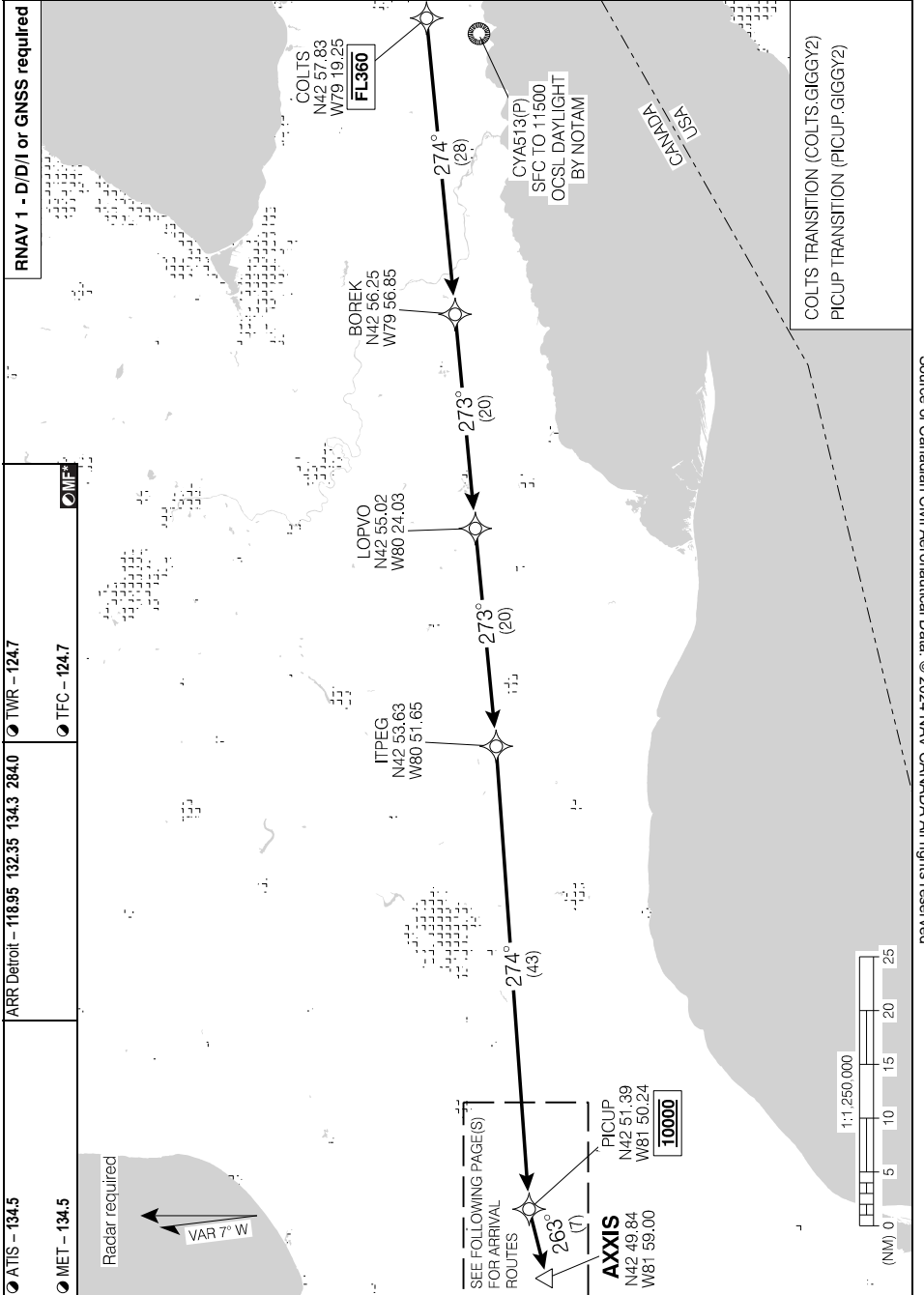
FOREY TWO ARR (FOREY.FOREY2) ARRIVAL ROUTES

CYQG

EFF 10 OCT 19

GIGGY TWO ARR (GIGGY.GIGGY2) TRANSITION ROUTES

CYQG



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

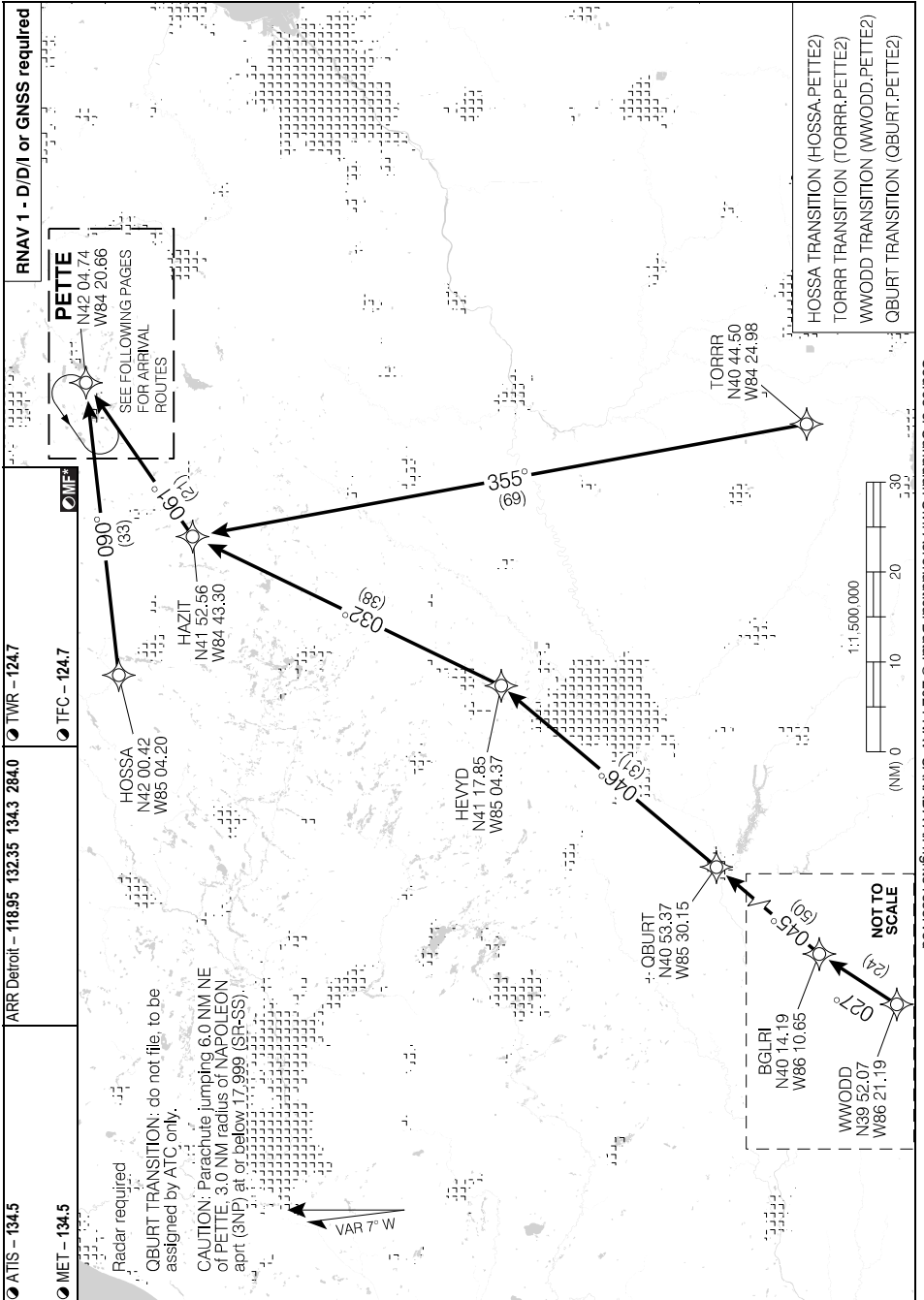
GIGGY TWO ARR (GIGGY.GIGGY2) TRANSITION ROUTES

CYQG

EFF 10 OCT 19

PETTE TWO ARR (PETTE.PETTE2) TRANSITION ROUTES

CYQG



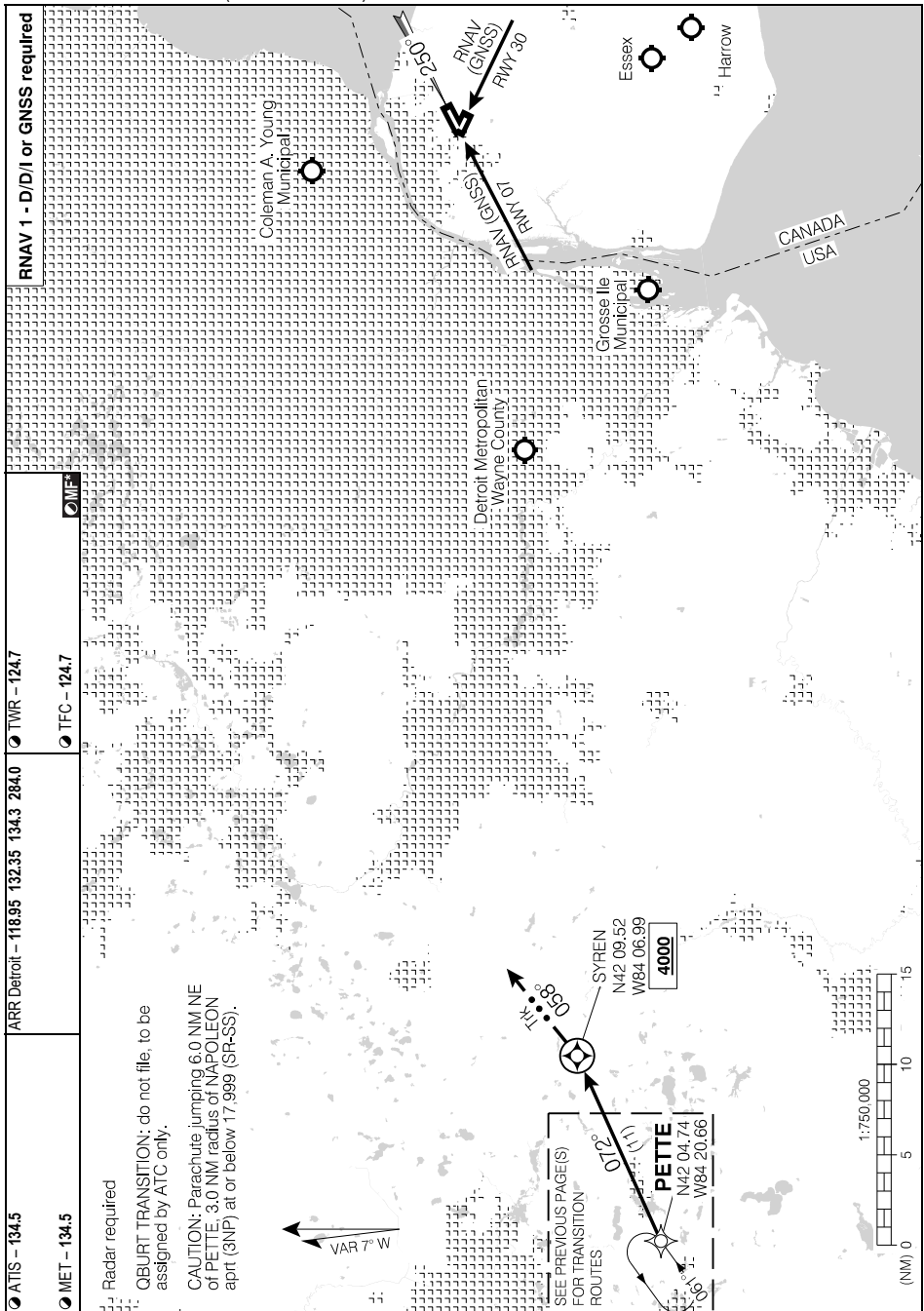
Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

PETTE TWO ARR (PETTE.PETTE2) TRANSITION ROUTES

CYQG

EFF 10 OCT 19

PETTE TWO ARR (PETTE.PETTE2) ARRIVAL ROUTES

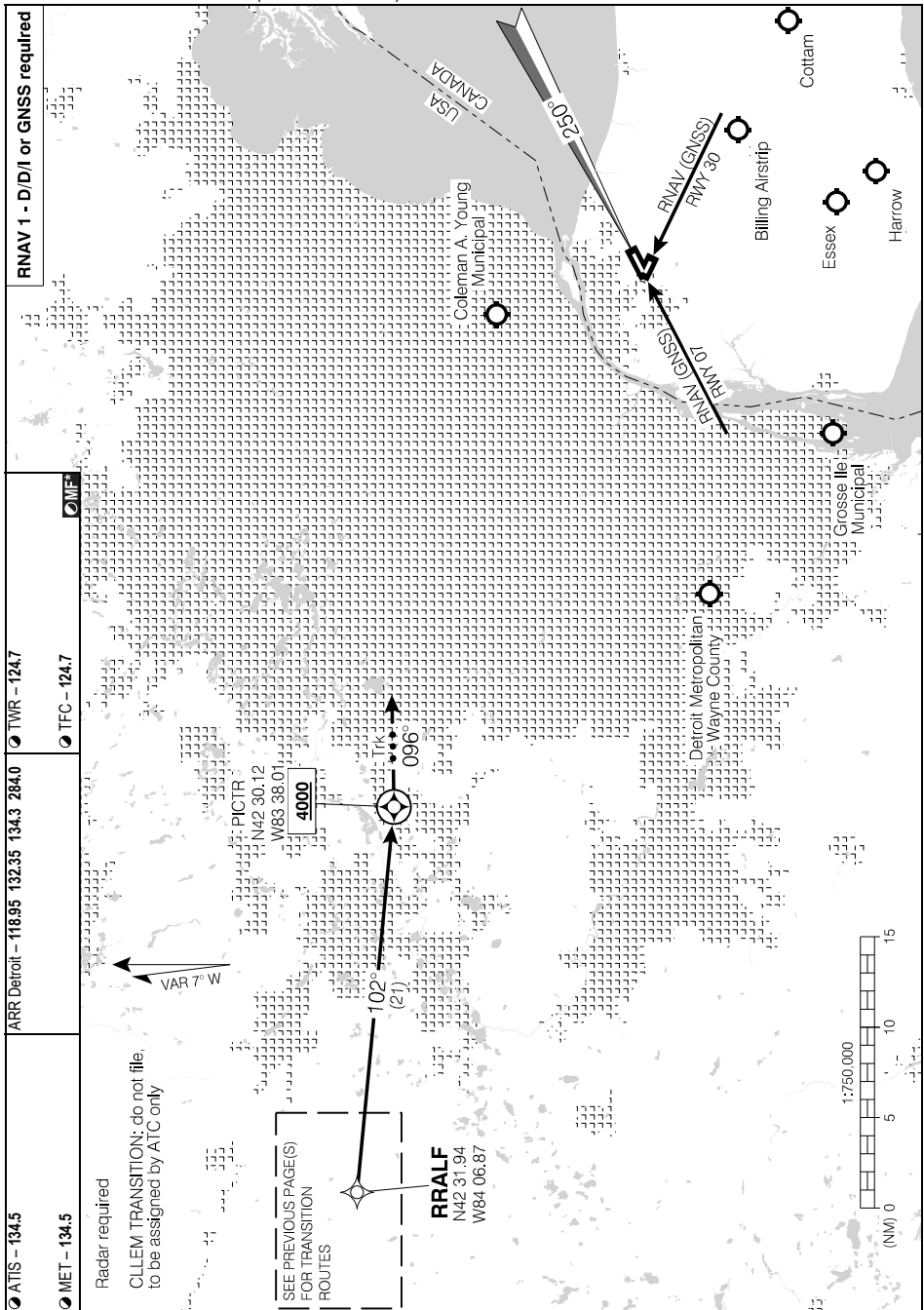


Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

PETTE TWO ARR (PETTE.PETTE2) ARRIVAL ROUTES

EFF 10 OCT 19

RRALF THREE ARR (RRALF.RRALF3) ARRIVAL ROUTES



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

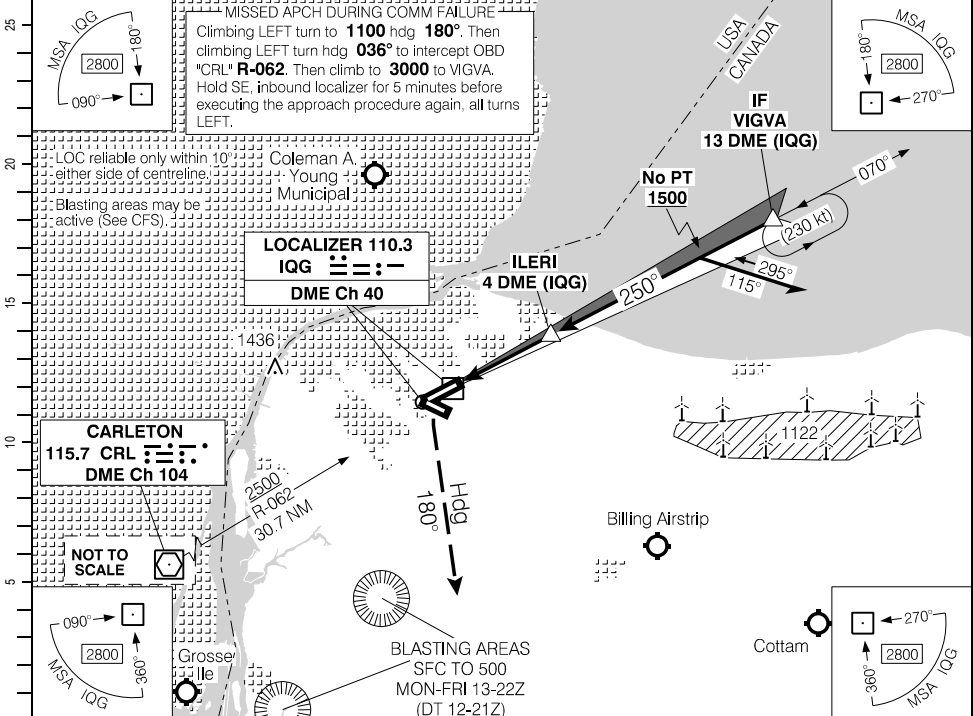
RRALF THREE ARR (RRALF.RRALF3) ARRIVAL ROUTES

EFF 21 MAY 20

ILS RWY 25

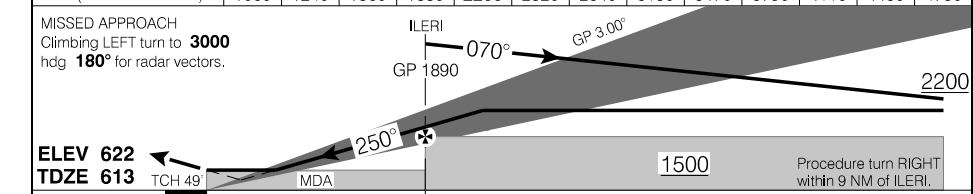
421634N 0825719W VAR 7°W

● ATIS – 134.5	ARR Detroit – 118.95 132.35 134.3 284.0	● TWR – 124.7	● GND – 121.7	ARCAL 124.7(K)*
● MET – 134.5		● TFC – 124.7	● MFB	② AM 111
SAFE ALT 100 NM 3100	LOC IQG 110.3	APCH CRS 250°	GP ILERI 1890	LDA 7857



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

(NM)		1.4	2	3	4	5.0	6	7	8	9	10	11	12	13
DIST FROM DME (IQG)														
ALT (3.00° APCH PATH)		1060	1240	1560	1880	2200	2520	2840	3150	3470	3790	4110	4430	4750



RASS: When using CYQG add 90'.		CATEGORY	A	B	C	D			
		ILS/DME	813	(200)	½ RVR 26				
ILERI to MAP 3.8 NM		LOC/DME	1060	(447)	1 RVR 50				
Knots	ft/min	Min:Sec	● CIRCLING	1140	(518)	1½			
70	370	3:15					1140 (518)	2	1240 (618) 2
90	480	2:32							
110	580	2:04							
130	690	1:45							
150	800	1:31							

ILS RWY 25

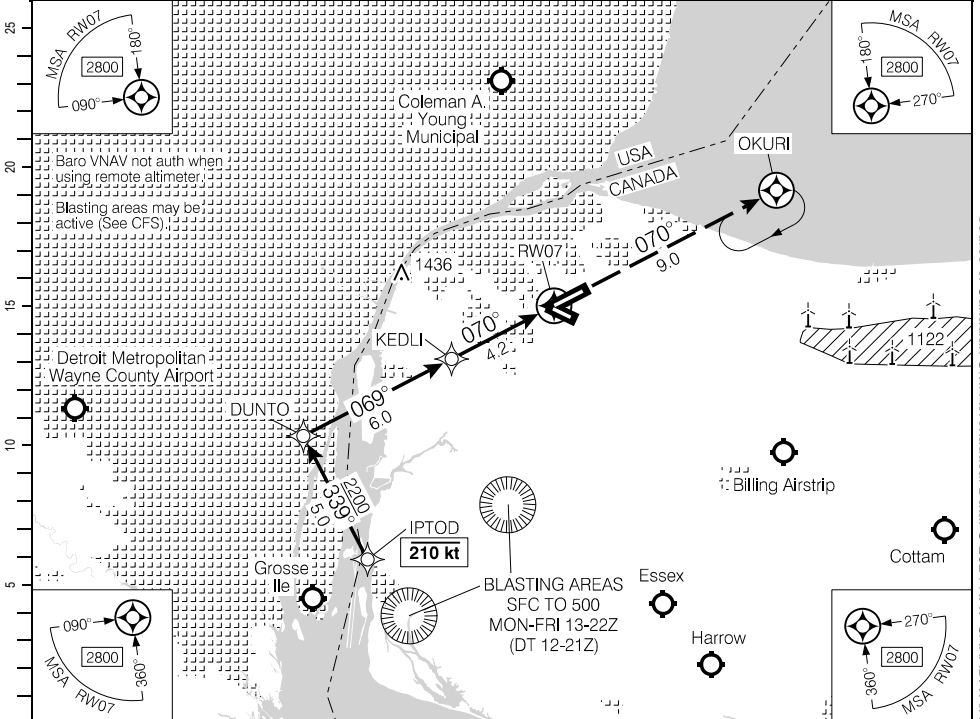
CYQG

EFF 5 OCT 23

RNAV (GNSS) RWY 07

421634N 0825719W VAR 7°W

● ATIS - 134.5	ARR Detroit - 118.95 132.35 134.3 284.0	● TWR - 124.7	● GND - 121.7	ARCAL 124.7(K)*
● MET - 134.5		● TFC - 124.7	● MFR	
SAFE ALT 100 NM 3100	WAAS Ch 80124 W07A	APCH CRS 070°	MIN ALT KEDLI 2000	LDA 8098



(NM)	10.2	9	8	7	6	4.8	4	3	2	1.1	DIST FROM RW07
	3910	3540	3220	2900	2580	2200	1950	1630	1310	1020	ALT (3.00° APCH PATH)
	DUNTO IAWP/IWP 3910		2200				KEDLI FAWP 2000		RW07 MAWP		
	3.00°		2000		MDA		TCH 52'		ELEV 622 TDZE 622		

RASS: When using CYQG add 90'.			CATEGORY	A	B	C	D
			LPV	872	(250)	1	
			LNAV/VNAV (min. -19°C, max. 54°C)	1038	(416)	1½	
			LNAV	1020	(398)	1¼	
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 07

CYQG

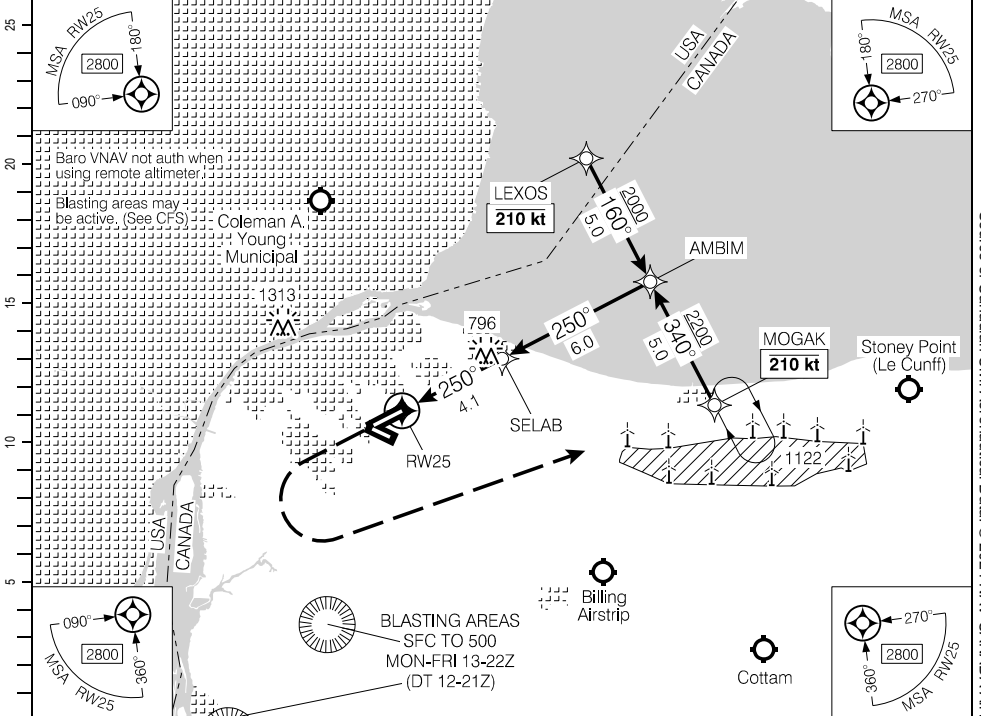
EFF 21 MAR 24

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

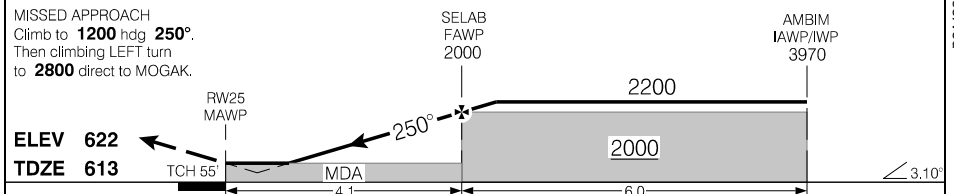
RNAV (GNSS) RWY 25

421634N 0825719W VAR 7°W

● ATIS - 134.5	ARR Detroit - 118.95 132.35 134.3 284.0	● TWR - 124.7	● GND - 121.7	ARCAL 124.7(K)*
● MET - 134.5		● TFC - 124.7	☐ MF	② AN
SAFE ALT 100 NM 3100	WAAS Ch 80810 W25A	APCH CRS 250°	MIN ALT SELAB 2000	LDA 7857



DIST FROM RW25	1.1	2	3	4	4.7	6	7	8	9	10.1		
ALT (3.10° APCH PATH)	1040	1320	1650	1980	2200	2640	2970	3300	3620	3970		



RASS: When using CYQG add 90°.			CATEGORY	A	B	C	D
			LPV	994	(386)	1 RVR 50	
Knots	ft/min	Min:Sec	LNAV/VNAV (min. -23°C, max. 46°C)	1035	(427)	1 RVR 50	
70	380		LNAV	1040	(432)	1 RVR 50	
90	490						
110	600						
130	710						
150	820						

RNAV (GNSS) RWY 25

CYQG

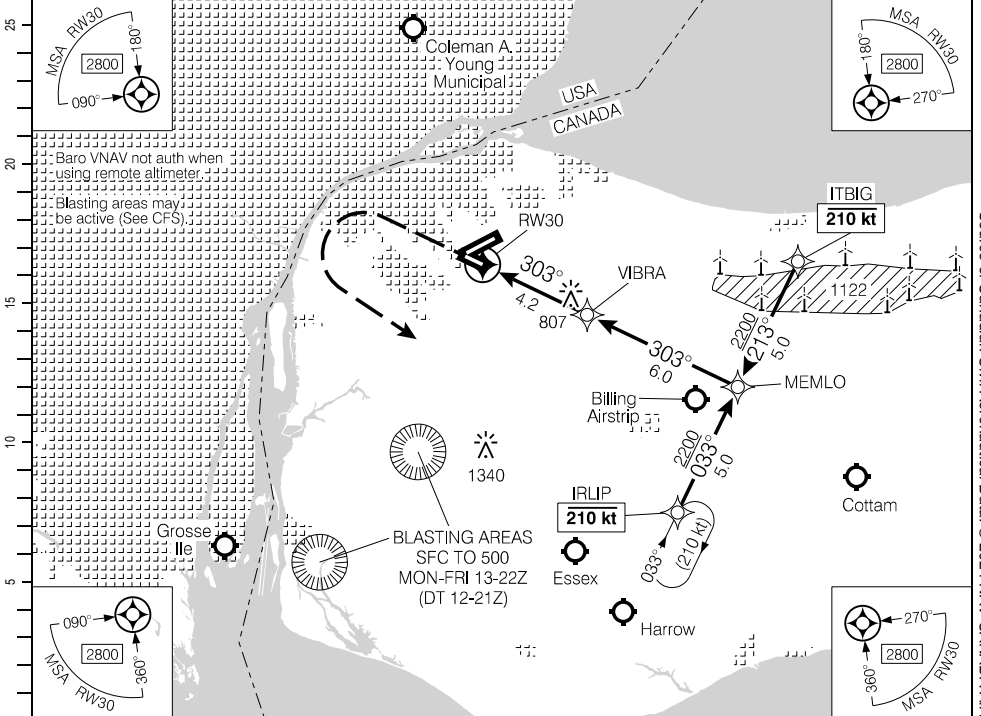
EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

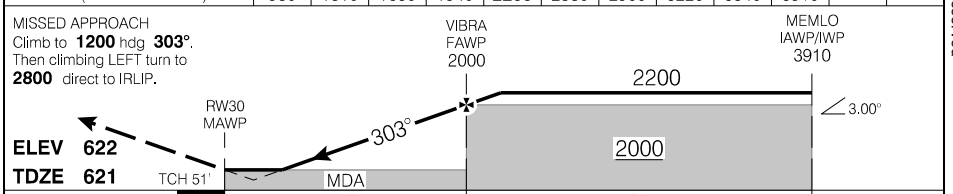
RNAV (GNSS) RWY 30

421634N 0825719W VAR 7°W

● ATIS – 134.5	ARR Detroit – 118.95 132.35 134.3 284.0	● TWR – 124.7	● GND – 121.7	ARCAL 124.7(K)*
● MET – 134.5		● TFC – 124.7	● MF	(P2)
SAFE ALT 100 NM 3100	WAAS Ch 80811 W30A	APCH CRS 303°	MIN ALT VIBRA 2000	LDA 4829



(NM)	DIST FROM RW30	1.0	2	3	4	4.8	6	7	8	9	10.2		
	ALT (3.00° APCH PATH)	980	1310	1630	1940	2200	2580	2900	3220	3540	3910		



RASS: When using CYQG add 90'.			CATEGORY	A	B	C	D
			LPV	870	(250)		1
			LNAV/VNAV (min. -19°C, max. 54°C)	890	(270)		1
			LNAV	980	(360)		1¼
Knots	ft/min	Min:Sec					
70	370						
90	480						
110	580						
130	690						
150	800						

RNAV (GNSS) RWY 30

CYQG

EFF 5 OCT 23

Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

All rws: Maintain **3000**. Expect clearance to flight planned altitude/flight level 10 minutes after departure.

Rwy 07: Climb hdg **070°** or as assigned by ATC. Expect radar vectors to cross FLOKA at or above **4000** then proceed via depicted route.

Rwy 12: Climb hdg **123°** or as assigned by ATC. Expect radar vectors to cross FLOKA at or above **4000** then proceed via depicted route.

Rwy 25: Climb hdg **250°** or as assigned by ATC. Expect radar vectors to cross FLOKA at or above **4000** then proceed via depicted route.

Rwy 30: Requires a minimum climb gradient of **210 ft/NM** to **1300**. Climb hdg **303°** or as assigned by ATC. Expect radar vectors to cross FLOKA at or above **4000** then proceed via depicted route.

Note: Turbojet acft at or above **10000**. Maintain 280 kt until advised by ATC.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
210 FT/NM	320	420	490	560	630	700	880	1050

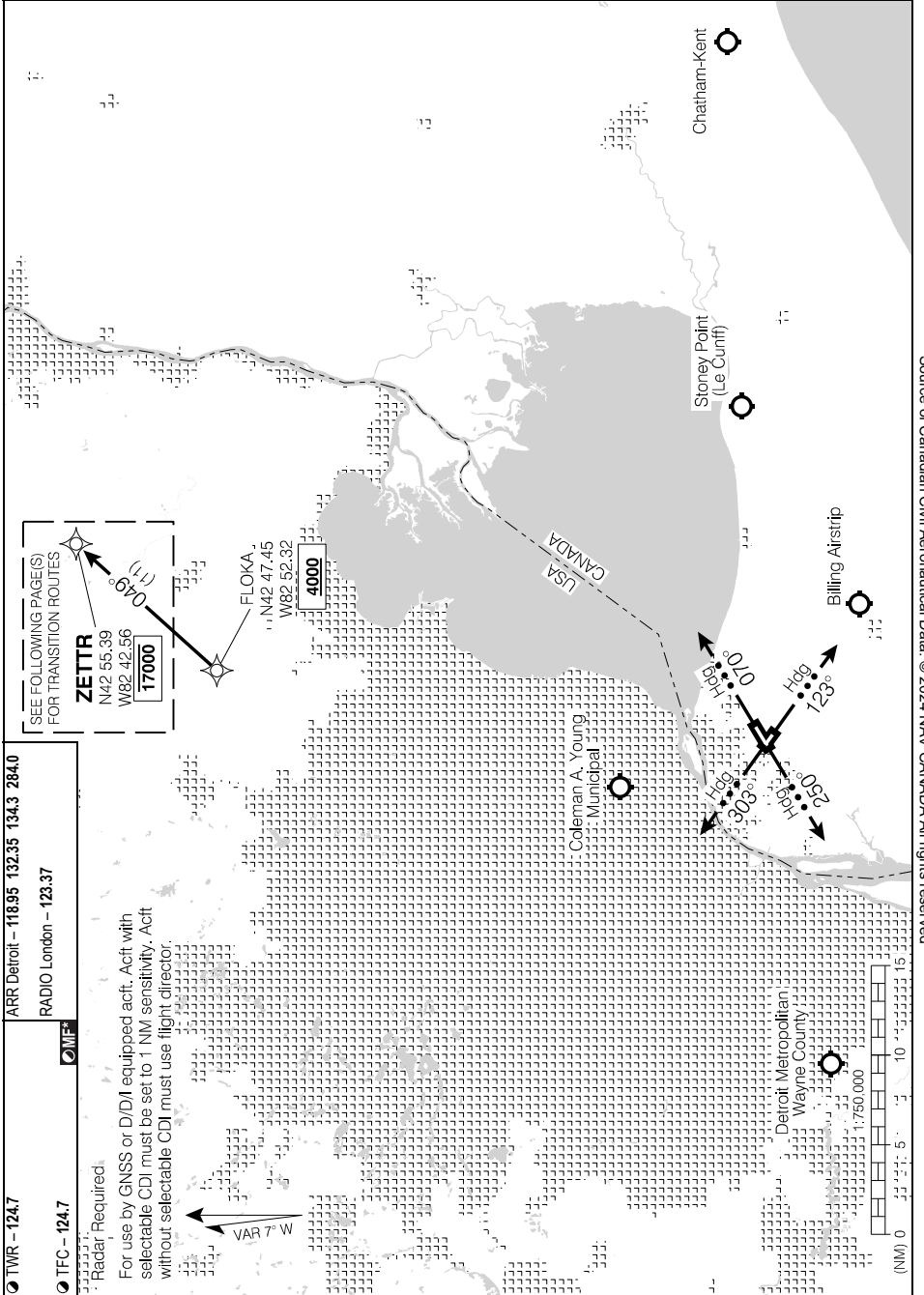
DUTEL TRANSITION: (FLOKA1.DUTEL)
ETBOX TRANSITION: (FLOKA1.ETBOX)
SIKBO TRANSITION: (FLOKA1.SIKBO)
KELTI TRANSITION: (FLOKA1.KELTI)
TANKO TRANSITION: (FLOKA1.TANKO)

TANKO TRANSITION: For use by CYYZ area arrivals only or as assigned by ATC.

Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3000** on assigned heading;
3. Proceed direct to FLOKA then via depicted route;
4. Climb to flight planned altitude 10 minutes after departure.



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved

Departure Route Description

All rwsy: Maintain **3000**. Expect clearance to flight planned altitude/flight level 10 minutes after departure.

Rwy 07: Climb hdg **070°** or as assigned by ATC. Expect radar vectors to cross MALTB at or above **4000** then proceed via depicted route.

Rwy 12: Climb hdg **123°** or as assigned by ATC. Expect radar vectors to cross MALTB at or above **4000** then proceed via depicted route.

Rwy 25: Climb hdg **250°** or as assigned by ATC. Expect radar vectors to cross MALTB at or above **4000** then proceed via depicted route.

Rwy 30: Requires a minimum climb gradient of **210 ft/NM to 1300**. Climb hdg **303°** or as assigned by ATC. Expect radar vectors to cross MALTB at or above **4000** then proceed via depicted route.

Note: Turbojet acft at or above **10000**. Maintain 280 kt until advised by ATC.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
210 FT/NM	320	420	490	560	630	700	880	1050

LNCON TRANSITION: (MALTB1.LNCON)

BROKK TRANSITION: (MALTB1.BROKK)

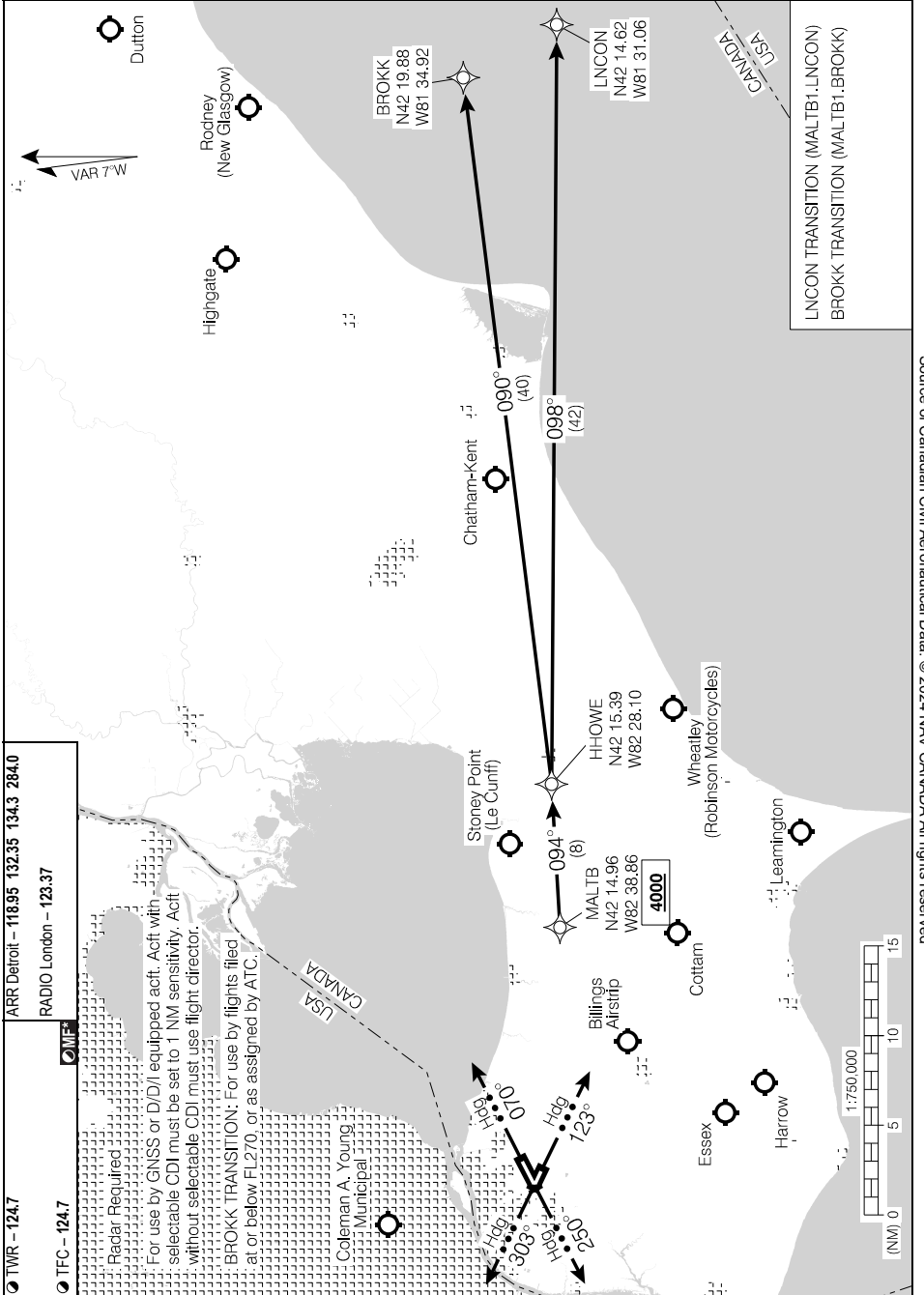
Communication Failure

On recognition of failure 5 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Climb to **3000** on assigned heading;
3. Proceed direct to MALTB then via depicted route;
4. Climb to flight planned altitude 10 minutes after departure.

SID (RNAV)
MALTB ONE DEP (MALTB1.)

WINDSOR, ON
CYQG



Source of Canadian Civil Aeronautical Data. © 2024 NAV CANADA All rights reserved

MALTB ONE DEP (MALTB1.)
EFF 15 JUN 23

CYQG

Departure Route Description

All rws: Maintain **3000** or as assigned. Expect radar vectors to filed/assigned route. Expect clearance to flight planned altitude/flight level 10 minutes after departure.

Rwy 07: Climb hdg **070°** for vectors.

Rwy 12: Climb hdg **123°** for vectors.

Rwy 25: Climb hdg **250°** for vectors.

Rwy 30: Requires a minimum climb gradient of **210 ft/NM** to **1300**. Climb hdg **303°** for vectors.

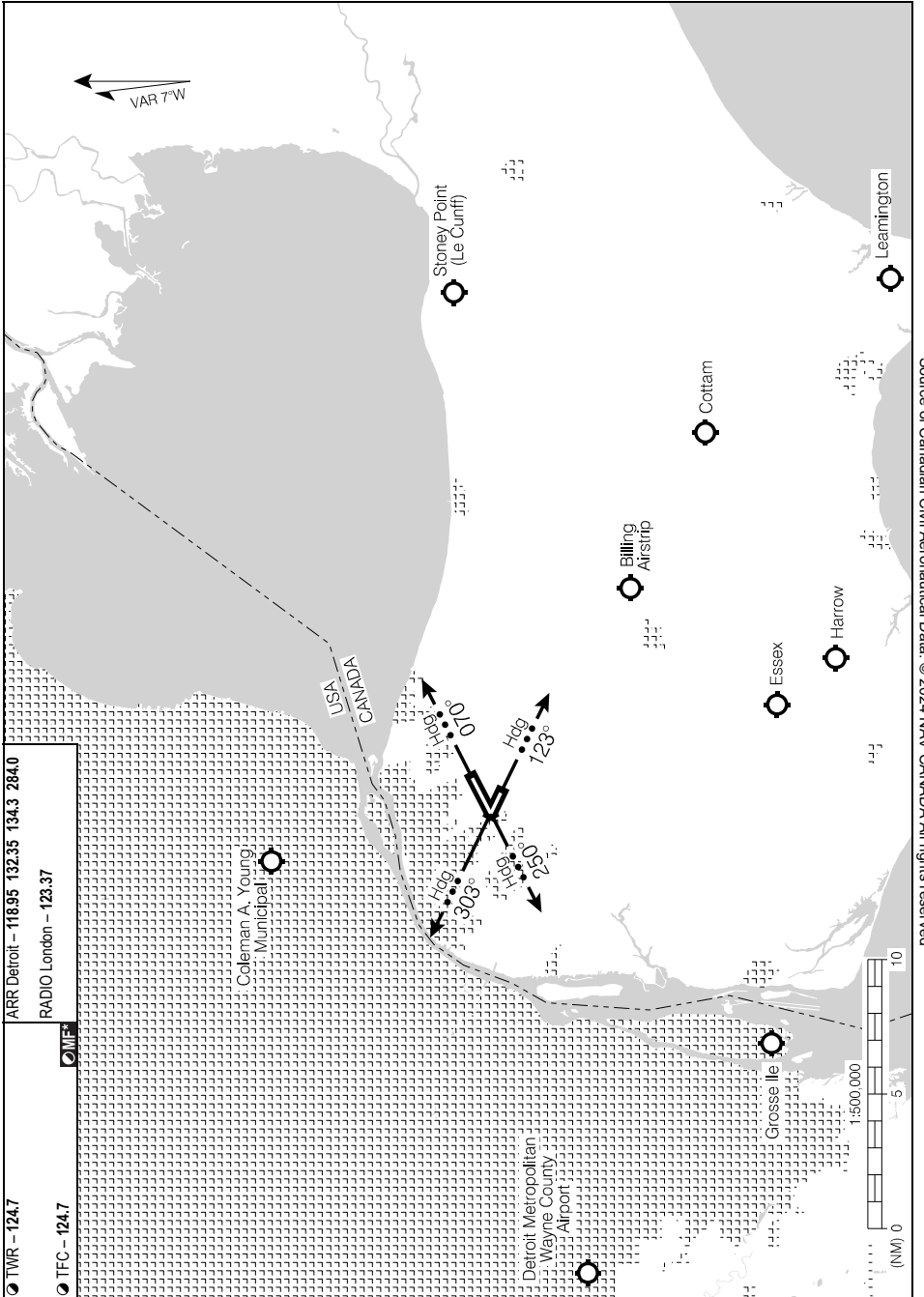
DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
210 FT/NM	320	420	490	560	630	700	880	1050

Communication Failure

On recognition of failure 10 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Proceed on course;
3. Do not climb above last assigned altitude for 10 minutes after recognition of the failure (Transponder equipped aircraft 5 minutes), then;
4. Climb to flight planned altitude.

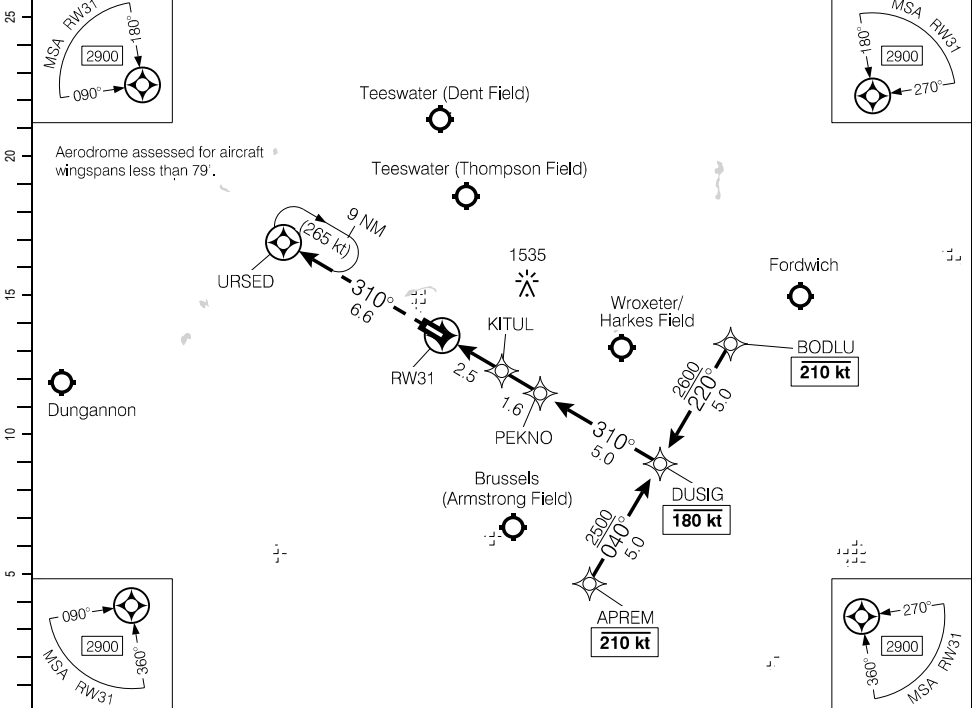


RNAV (GNSS) RWY 31

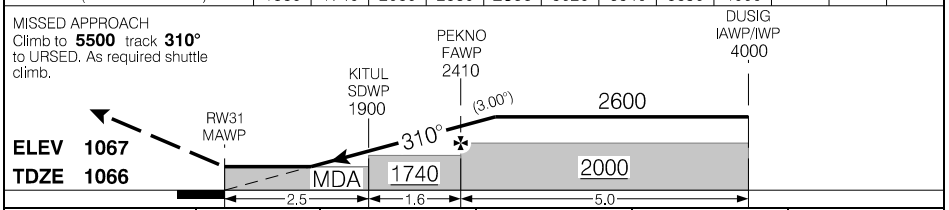
435203N 0811755W VAR 9°W

CPR7

CTR Toronto – 135.3 266.3		TFC – 123.0			ARCAL 123.0(K)
SAFE ALT 100 NM 3300	RNAV	APCH CRS 310°	MIN ALT PEKNO 2000	LDA 4000	



DIST FROM RW31	1.5	2	3	4	4.7	6	7	8	9.1			
ALT (3.00° APCH PATH)	1580	1740	2060	2380	2600	3020	3340	3650	4000			



RASS: Use CYKF.		CATEGORY	A	B	C	D
		LNAV	1580 (524)		1¼	
		<input checked="" type="checkbox"/> CIRCLING	1660 (593) 1½	1820 (753) 1½	1880 (813) 2½	1960 (893) 3
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	580					
130	690					
150	800					

RNAV (GNSS) RWY 31

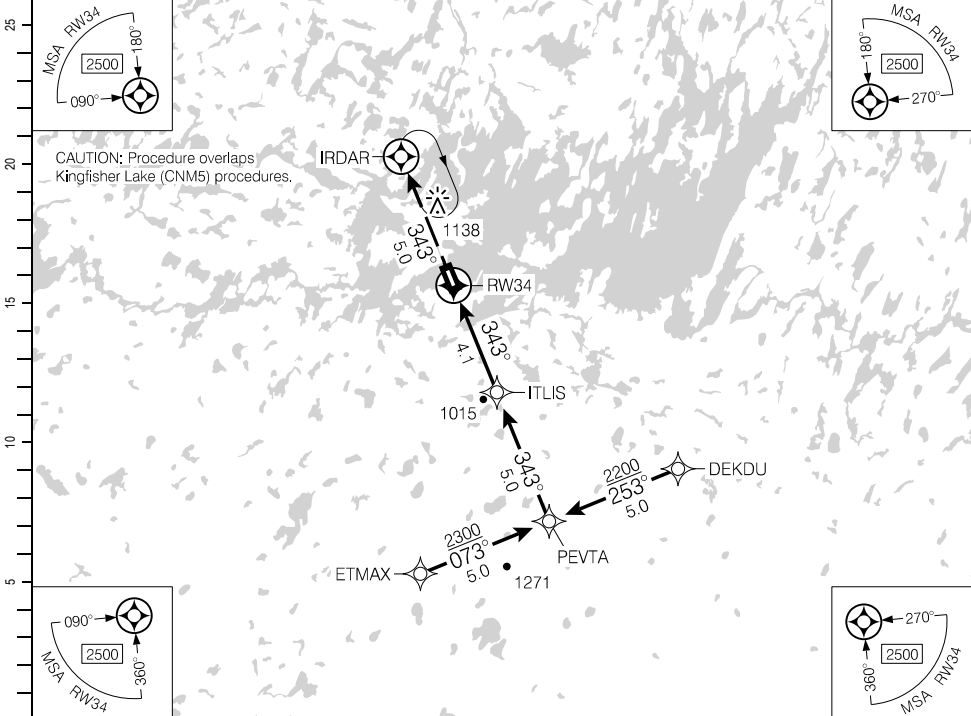
CPR7

EFF 15 JUN 23

RNAV (GNSS) RWY 34

525338N 0891721W VAR 5°W

		TFC - 123.2			ATF	ARCAL 123.2(K)
SAFE ALT 100 NM 2700	RNAV	APCH CRS 343°	MIN ALT IFLIS 2200	LDA 3511		

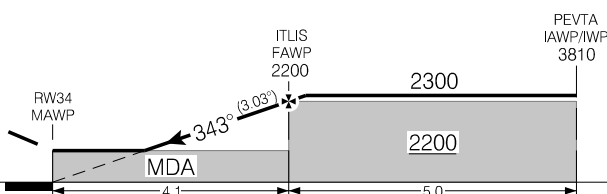


(NM)	DIST FROM RW34	1.6	3	4.4	5	6	7	8	9.1		
	ALT (3.03° APCH PATH)	1380	1830	2300	2480	2800	3120	3440	3810		

MISSED APPROACH
Climb to **2500** track
343° to IRDAR. As
required, shuttle climb.

ELEV 819

TDZE 819



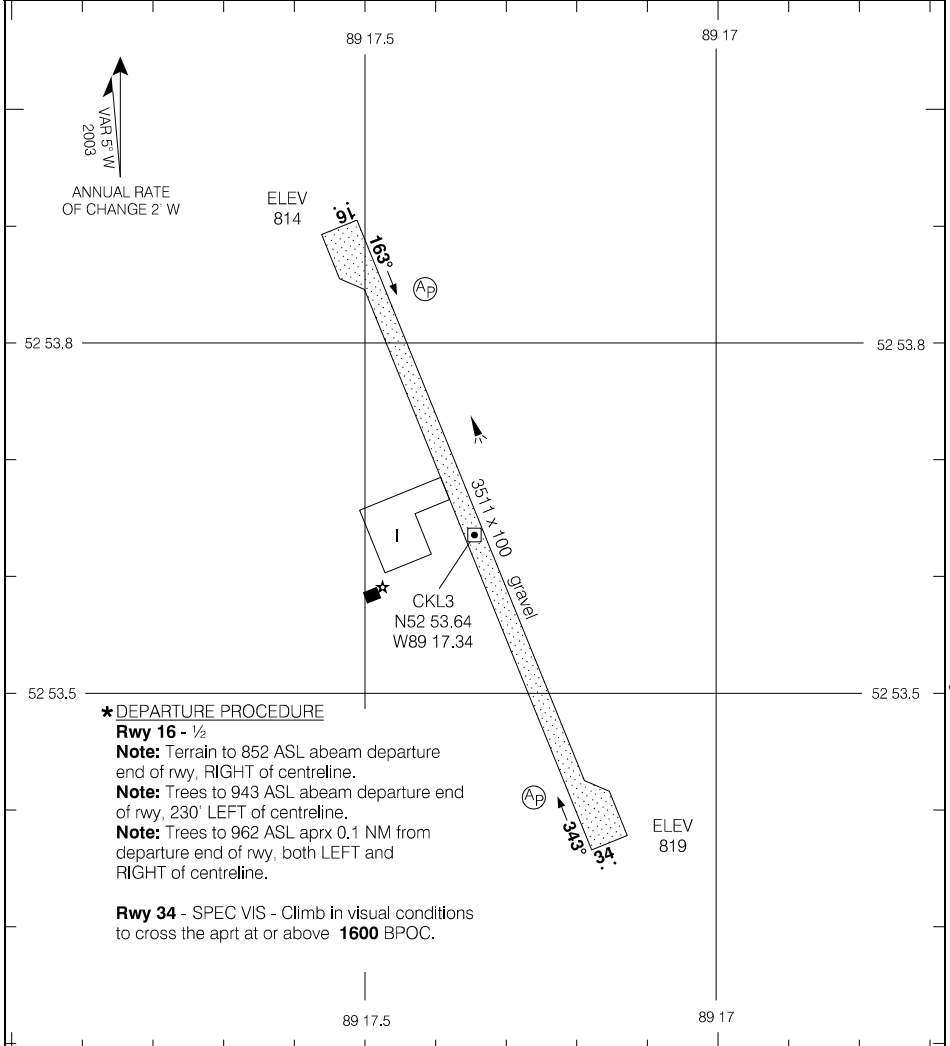
RASS: Use CYTL.		CATEGORY	A	B	C	D
		RNAV	1380	(561)	1¼	
Knots	ft/min	Min:Sec				
70	370					
90	480					
110	590					
130	700					
150	800					

RNAV (GNSS) RWY 34

EFF 30 NOV 23

AERODROME CHART

				TFC - 123.2		ATF	
DECL DIST	16	34					
TORA	3511	3511					
TODA	3511	3511					
ASDA	3511	3511					
LDA	3511	3511					



★ DEPARTURE PROCEDURE

Rwy 16 - 1/2

Note: Terrain to 852 ASL abeam departure end of rwy, RIGHT of centreline.

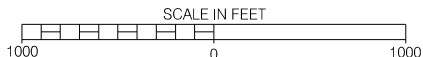
Note: Trees to 943 ASL abeam departure end of rwy, 230' LEFT of centreline.

Note: Trees to 962 ASL aprx 0.1 NM from departure end of rwy, both LEFT and RIGHT of centreline.

Rwy 34 - SPEC VIS - Climb in visual conditions to cross the apt at or above **1600** BPOC.

TAKE-OFF MINIMA

Rwys 16; 34: ★



Source of Canadian Civil Aeronautical Data: © 2024 NAV CANADA All rights reserved