

BUFFALO, NEW YORK

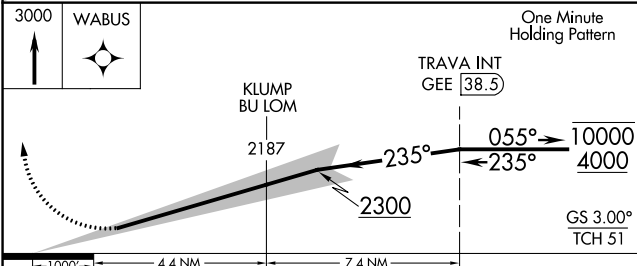
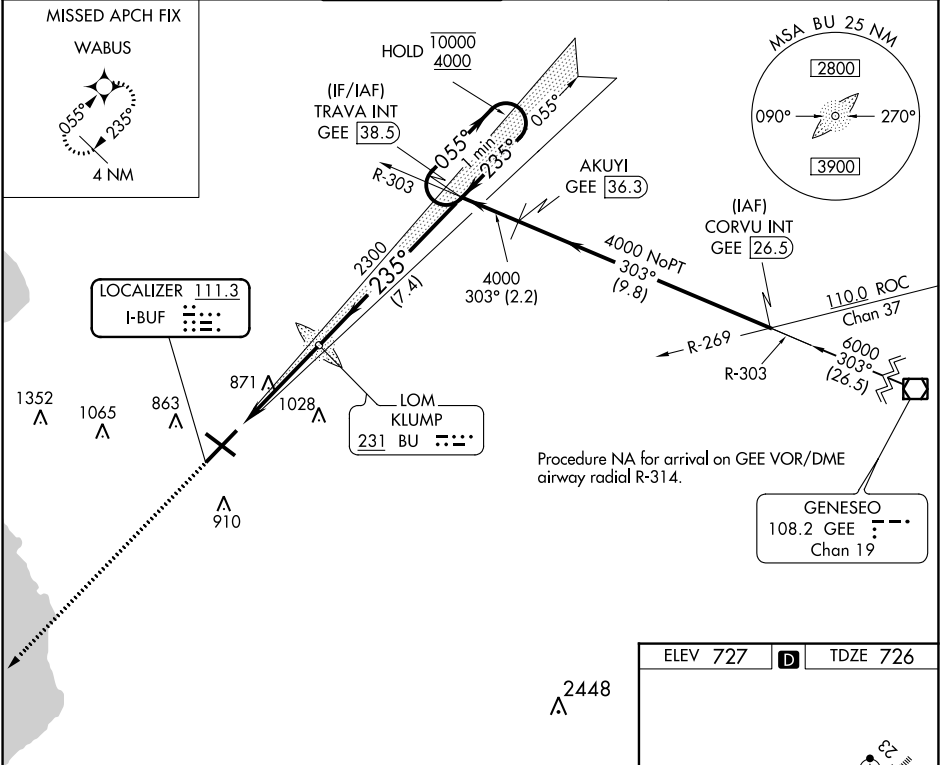
AL-65 (FAA)

23110

LOC I-BUF 111.3	APP CRS 235°	Rwy Idg TDZE Apt Elev 7569 726 727
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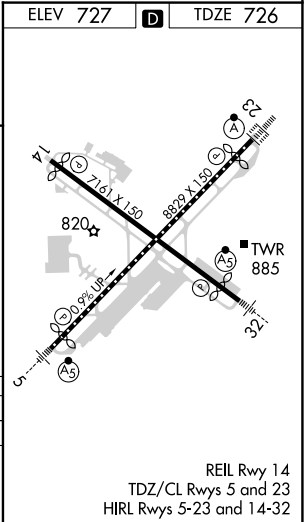
ILS RWY 23 (SA CAT I)
BUFFALO NIAGARA INTL (BUF)

DME required. RNP APCH - GPS.				ALSIF-2	MISSED APPROACH: Climb to 3000 direct WABUS and hold.
Requires specific OPSPEC, MSPEC, or LOA approval.					
D-ATIS 135.35	BUFFALO APP CON 126.15 263.125	BUFFALO TOWER 120.5 257.8	GND CON 133.2 257.8	CLNC DEL 124.7 257.8	CPDLC



CATEGORY	A	B	C	D
S-ILS 23	RA 194/14 154 DA 880			

SA CATEGORY I ILS- SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



BUFFALO, NEW YORK
Amdt 34 02DEC21

42°56'N-78°44'W

BUFFALO NIAGARA INTL (BUF)
ILS RWY 23 (SA CAT I)

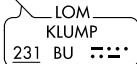
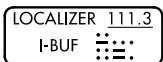
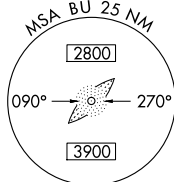
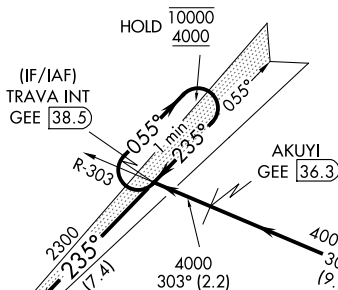
NE-2, 22 FEB 2024 to 21 MAR 2024

NE-2, 22 FEB 2024 to 21 MAR 2024

23110

ILS or LOC RWY 23

MISSED APPROACH: Climb to 3000 direct WABUS and hold.

MISSED APCH FIX

Procedure NA for arrival on GEE VOR/DME
airway radial R-314.

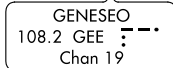
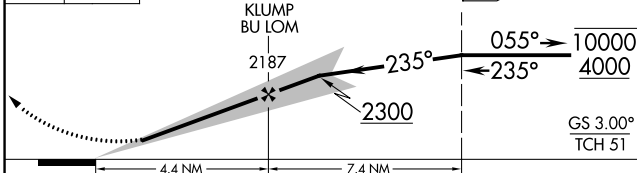
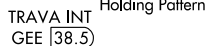
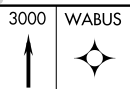
 Δ^{2448} 

Diagram illustrating the intersection of Runway 14 and Runway 32. Runway 14 is a solid line with a width of 71.61 x 150. Runway 32 is a dashed line with a width of 88.22 x 150. The intersection is marked with a star and the number 820. A TWR (Tower) is located at the intersection, with a frequency of 885. The diagram also shows a 235° heading, a 90° turn, and a 14-32 crossing.

REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

BUFFALO NIAGARA INTL (BUF)
ILS or LOC RWY 23

BUFFALO, NEW YORK

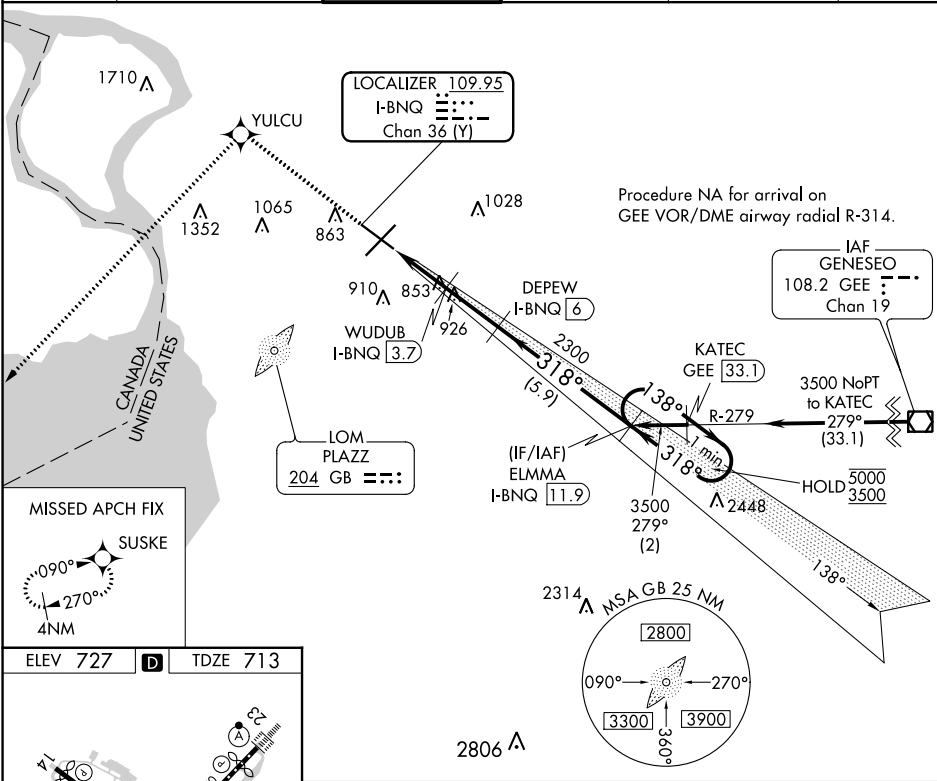
AL-65 (FAA)

23110

LOC/DME I-BNQ 109.95	APP CRS 318°	Rwy Idg TDZE Apt Elev	6121 713 727
Chan 36 (Y)			

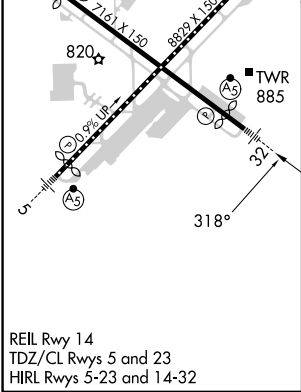
ILS or LOC RWY 32
BUFFALO NIAGARA INTL (BUF)

DME required. RNP APCH-GPS.			MALSR	MISSED APPROACH: Climb to 3000 direct YULCU and on track 235° to SUSKE and hold.	
D-ATIS 135.35	BUFFALO APP CON 126.15 263.125	BUFFALO TOWER 120.5 257.8	GND CON 133.2 257.8	CLNC DEL 124.7 257.8	CPDLC



NE-2, 22 FEB 2024 to 21 MAR 2024

NE-2, 22 FEB 2024 to 21 MAR 2024



BUFFALO, NEW YORK
Amdt 3 02DEC21

42°56'N-78°44'W

BUFFALO NIAGARA INTL (BUF)
ILS or LOC RWY 32

23110

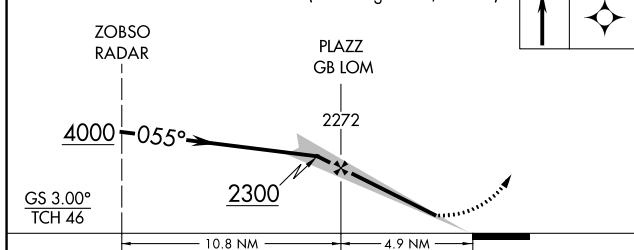
ILS or LOC RWY 5
BUFFALO NIAGARA INTL (BUF)

MALSR

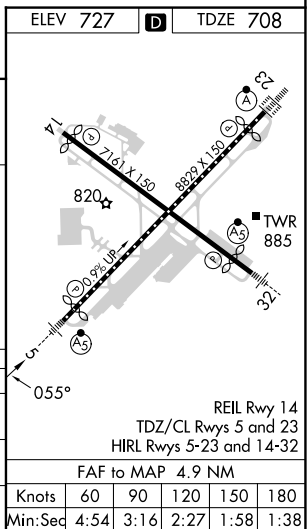
MALSR

MISSED APPROACH: Climb to 3000 direct TRAVA and hold.

3000	TRAVA
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CATEGORY	A	B	C	D
S-ILS 5	908/18 200 (200-½)			
S-LOC 5	1060/24 352 (400-½)		1060/30 352 (400-⅝)	
C CIRCLING	1200-1 473 (500-1)		1220-1½ 493 (500-1½)	1340-2 613 (700-2)



BUFFALO NIAGARA INTL (BUF)
ILS or LOC RWY 5

NE-2, 22 FEB 2024 to 21 MAR 2024

BUFFALO, NEW YORK

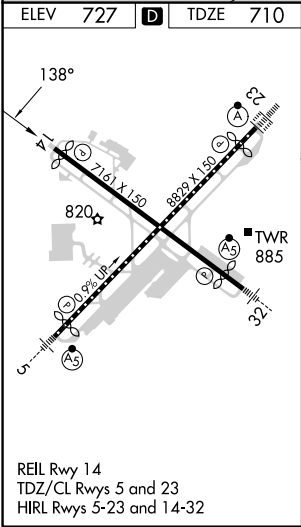
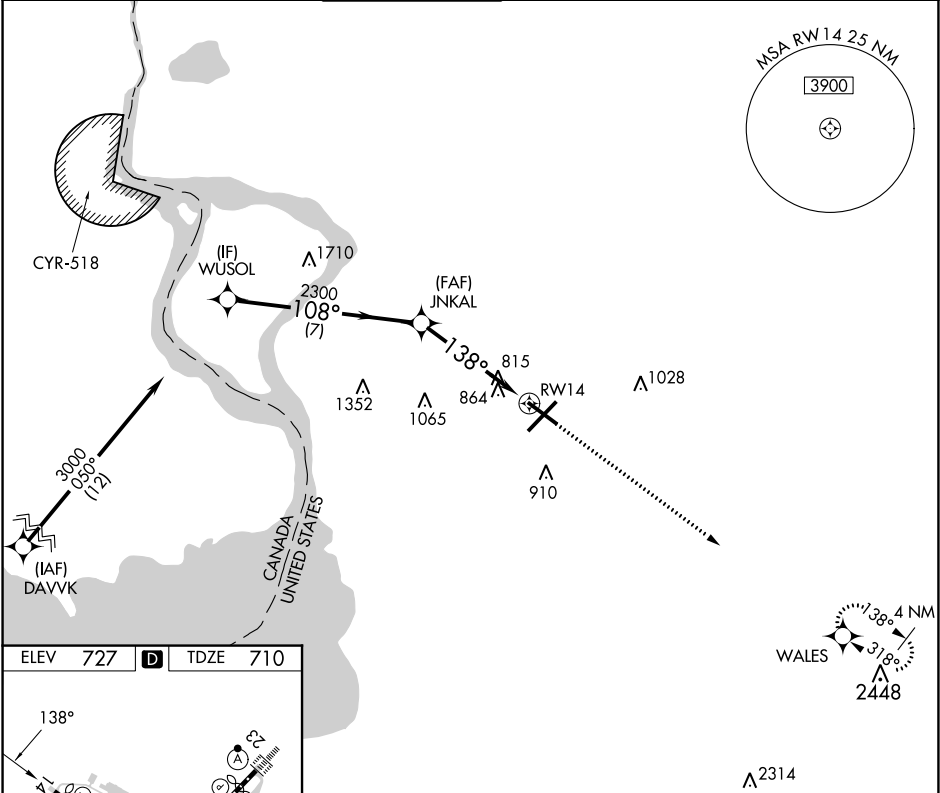
AL-65 (FAA)

23110

WAAS CH 58129 W14A	APP CRS 138°	Rwy Idg TDZE Apt Elev	6121 710 727
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RNAV (GPS) RWY 14
BUFFALO NIAGARA INTL (BUF)

RNP APCH.		MISSED APPROACH: Climb to 3500 direct WALES and hold.			
T Helicopter visibility reduction below ¾ SM NA.					
D-ATIS 135.35	BUFFALO APP CON 126.15 263.125	BUFFALO TOWER 120.5 257.8	GND CON 133.2 257.8	CLNC DEL 124.7 257.8	CPDLC



WUSOL		3500		WALES	
3000		108°		JNKAL	
		2300		138°	
		3.00°		TCH 53	
		7 NM		3.9 NM	
		1 NM		RWY 14	
CATEGORY		A	B	C	D
LP MDA		1080-1	370 (400-1)	1080-1½	370 (400-1½)
LNAV MDA		1120-1	410 (400-1)	1120-1¼	410 (400-1¼)
CIRCLING		1200-1	473 (500-1)	1220-1½	1340-2
				493 (500-1½)	613 (700-2)

BUFFALO, NEW YORK
Amdt 2C 23APR20

42°56'N-78°44'W

BUFFALO NIAGARA INTL (BUF)
RNAV (GPS) RWY 14

NE-2, 22 FEB 2024 to 21 MAR 2024

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23110

RNAV (GPS) RWY 32
BUFFALO NIAGARA INTL (BUF)

MISSED APPROACH:
Climb to 3000 direct
YULCU on track 235°
to SLUSKE and hold

REIL Rwy 14
 TDZ/CL Rwy 5 and 23
 HIRL Rwy 5-23 and 14-32

BUFFALO NIAGARA INTL (BUF)
RNAV (GPS) RWY 32

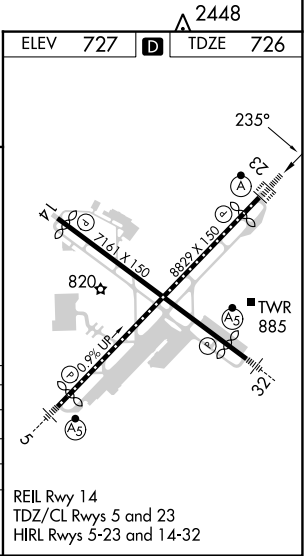
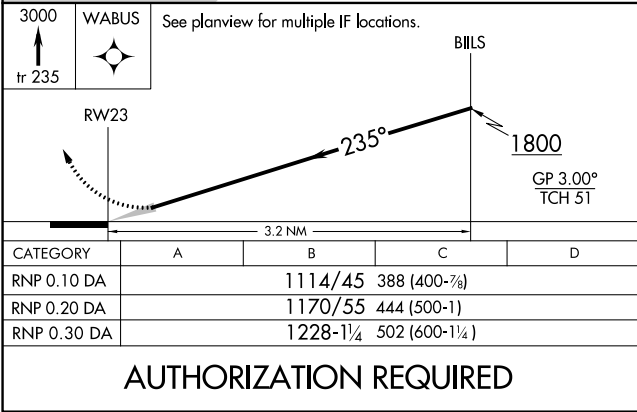
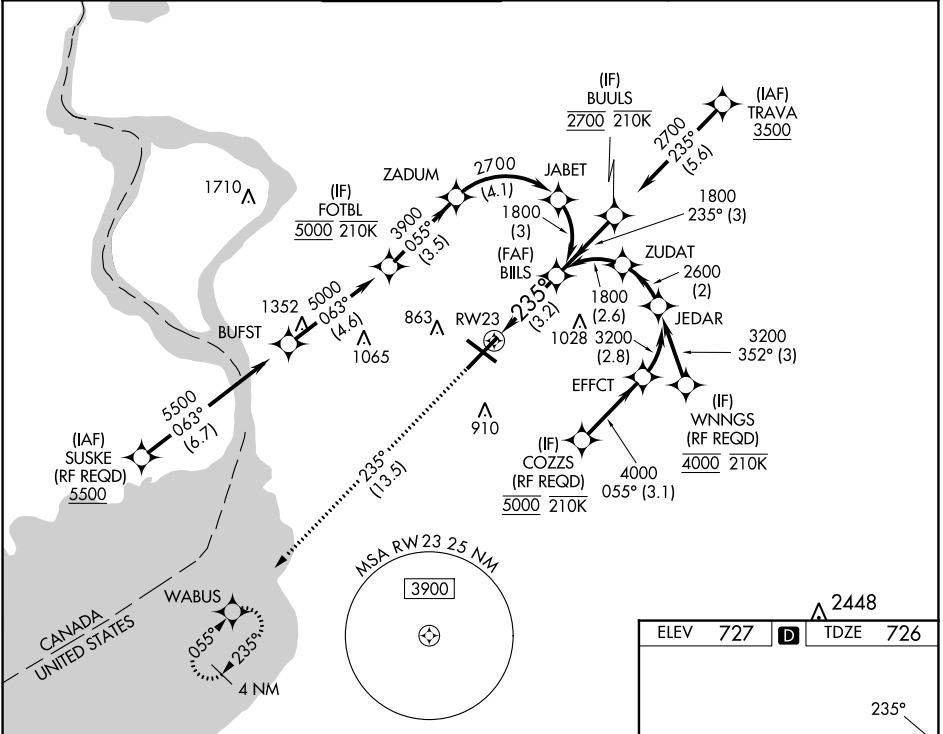
NE-2, 22 FEB 2024 to 21 MAR 2024

APP CRS	Rwy Idg	7569
235°	TDZE	726
	Apt Elev	727

RNAV (RNP) Z RWY 23
BUFFALO NIAGARA INTL (BUF)

RNP AR APCH.	ALSF-2	MISSED APPROACH: Climb to 3000 on the RNAV missed approach route to WABUS and hold.
For uncompensated Baro-VNAV systems, procedure NA below -18°C or above 54°C. For inop ALSF, increase RNP 0.10 all Cats visibility to 1¼. For inop ALSF, increase RNP 0.20 all Cats visibility to 1½. For inop ALSF, increase RNP 0.30 all Cats visibility to 1¾.		

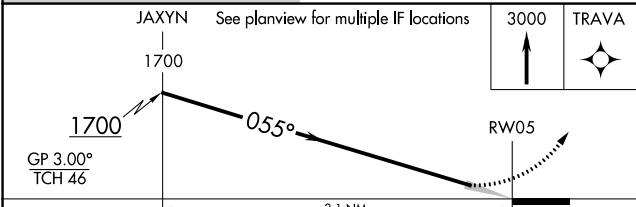
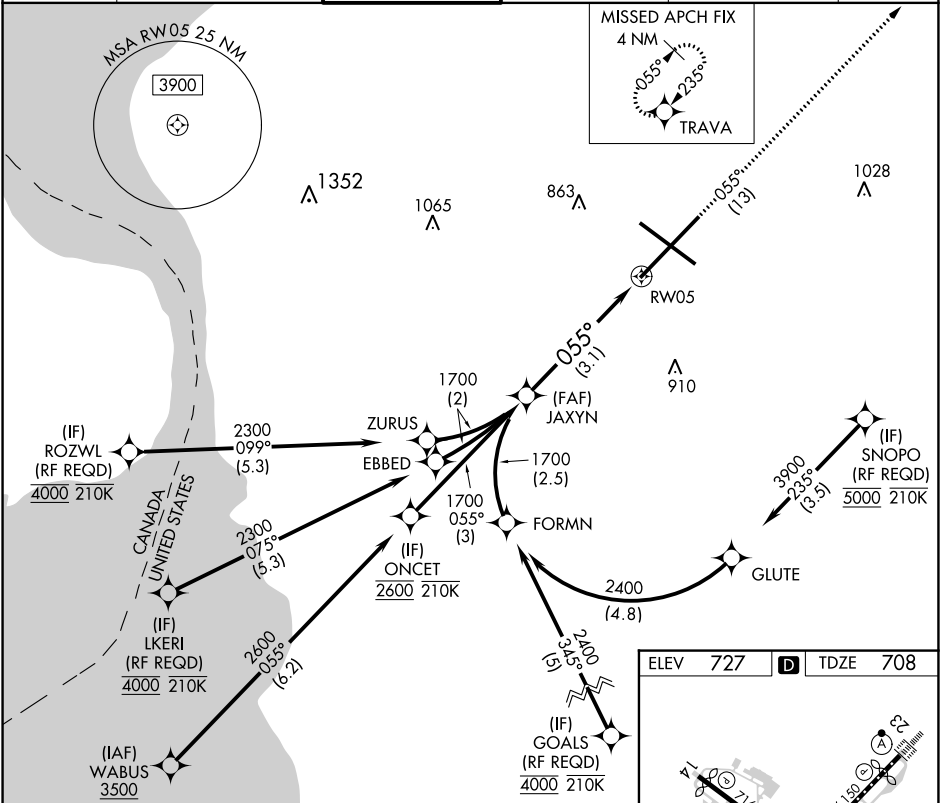
D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	



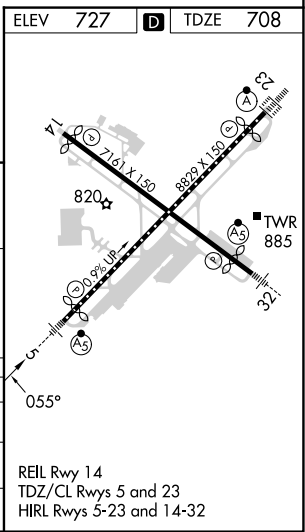
APP CRS	Rwy Idg	7569
055°	TDZE	708
	Apt Elev	727

RNAV (RNP) Z RWY 5
BUFFALO NIAGARA INTL (BUF)

For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). GPS required. For inoperative MALSR, increase RNP 0.10 all Cats visibility to 1¼. For inoperative MALSR, increase RNP 0.30 all Cats visibility to 1%. 				MALSR 	MISSED APPROACH: Climb to 3000 on the RNAV missed approach route to TRAVA and hold.
D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	



CATEGORY	A	B	C	D
RNP 0.10 DA	1065/45 357 (400-¾)			
RNP 0.30 DA	1159/60 451 (500-1¼)			



AUTHORIZATION REQUIRED

NE-2, 22 FEB 2024 to 21 MAR 2024

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BUFFALO, NEW YORK

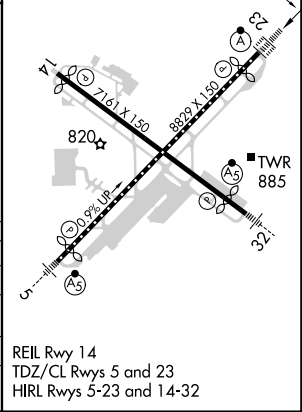
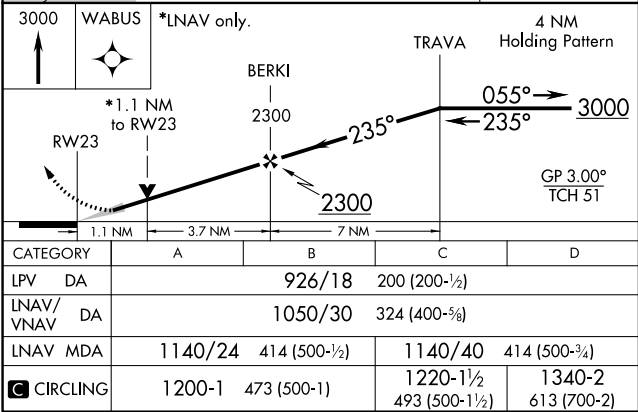
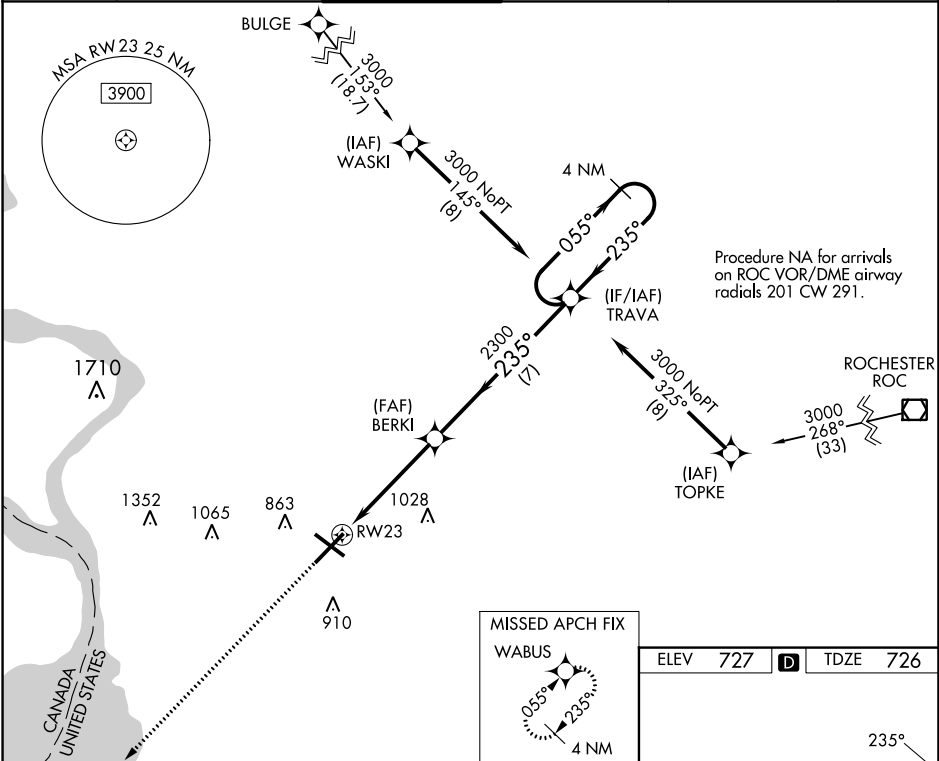
AL-65 (FAA)

23110

WAAS CH 77511 W23A	APP CRS 235°	Rwy Idg TDZE Apt Elev	7569 726 727
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RNAV (GPS) Y RWY 23
BUFFALO NIAGARA INTL (BUF)

RNP APCH - GPS			ALSf-2	MISSED APPROACH: Climb to 3000 direct WABUS and hold.	
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.					
D-ATIS 135.35	BUFFALO APP CON 126.15 263.125	BUFFALO TOWER 120.5 257.8	GND CON 133.2 257.8	CLNC DEL 124.7 257.8	CPDLC



BUFFALO, NEW YORK
Amdt 2D 02DEC21

42°56'N-78°44'W

RNAV (GPS) Y RWY 23
BUFFALO NIAGARA INTL (BUF)

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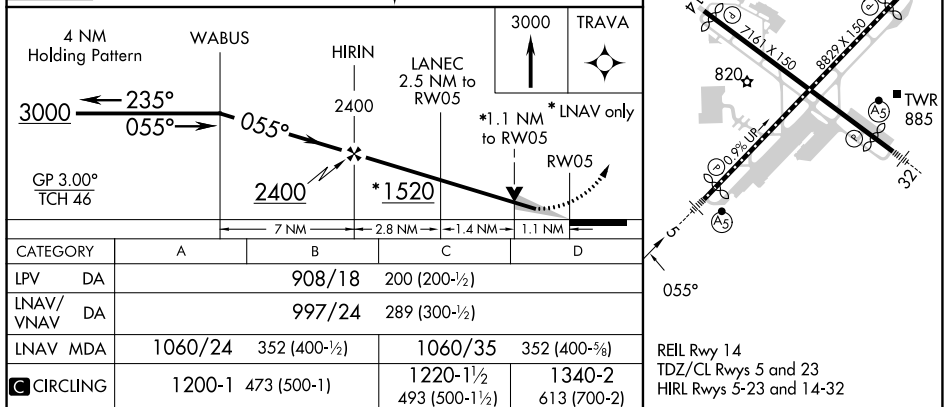
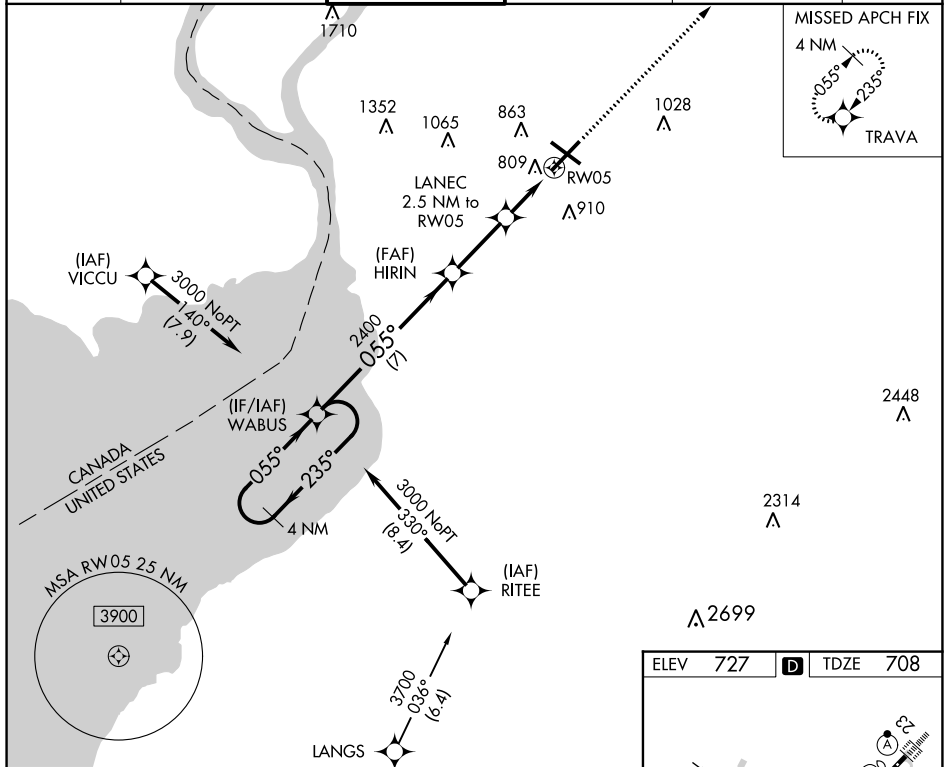
NE-2, 22 FEB 2024 to 21 MAR 2024

23110

WAAS CH 70311 W05A	APP CRS 055°	Rwy Idg 7569 TDZE 708 Apt Elev 727
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RNAV (GPS) Y RWY 5

RNP APCH - GPS					MISSED APPROACH: Climb to 3000 direct TRAVA and hold.	
 For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.						
D-ATIS 135.35	BUFFALO APP CON 126.15 263.125	BUFFALO TOWER 120.5 257.8	GND CON 133.2 257.8	CLNC DEL 124.7 257.8		CPDLC



BUFFALO, NEW YORK
Amdt 2E 02DEC21

42°56'N-78°44'W

BUFFALO NIAGARA INTL (BUF)
RNAV (GPS) Y RWY 5

NE-2, 22 FEB 2024 to 21 MAR 2024