

U.S. Department of Transportation
Federal Aviation Administration

RNAV (RNP) - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA											
SUSKE (IAF)(40E)(43A)	BUFST (TF)(FB)(RNP1.00) (40E)	063.15/6.65	5500	CLIMB TO 3000 ON THE RNAV MISSED APPROACH ROUTE TO WABUS AND HOLD.											
BUFST (40E)	FOTBL (TF)(FB)(RNP1.00) (40E)(43B)	063.23/4.55	5000												
TRAVA (IAF)(40E)(43A)	BUULS (TF)(FB)(RNP1.00) (40E)(43B)	235.07/5.57	2700												
FOTBL (IF)(40E)(43B)	ZADUM (TF)(FB)(RNP1.00) (40E)	054.89/3.45	3900												
COZZS (IF)(40E)(43B)	EFFECT (TF)(FB)(RNP1.00) (40E)	055.00/3.14	4000												
WNNGS (IF)(40E)(43B)	JEDAR (TF)(FB)(RNP1.00) (40E)	351.85/3.00	3200												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 054.81 INBOUND DISTANCE TO THLD FROM 388 HAT: 1.06 NM #TCH 777.0 MSL (DO NOT CHART) ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MANDATORY 5000 AT FOTBL CHART MANDATORY 5000 AT COZZS CHART MANDATORY 4000 AT WNNGS CHART MANDATORY 2700 AT BUULS CHART MINIMUM 5500 AT SUSKE CHART MINIMUM 3500 AT TRAVA MAG VAR: 11W EPOCH YEAR: 2015											
2. PROFILE STARTS AT BIILS															
3. FAC: 234.98 FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: BIILS 1800															
5. DIST TO THLD FROM OM: 3.21 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 1800 GS ALT AT: BIILS 1800 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 51.1# 34:1 IS CLEAR															
8. MSA FROM: RW23 3900															
MINIMUMS															
TAKEOFF: X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD															
CATEGORY =====>	A		B		C		D		E						
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.10 DA	1114	4500	388	1114	4500	388	1114	4500	388	1114	4500	388			
RNP 0.20 DA	1170	5500	444	1170	5500	444	1170	5500	444	1170	5500	444			
RNP 0.30 DA	1228	1 1/4	502	1228	1 1/4	502	1228	1 1/4	502	1228	1 1/4	502			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130F) CHART NOTE: GPS REQUIRED CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS SEE FORM 8260-10.															
(CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 727 TDZE: 726		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:			
BUFFALO, NY		BUFFALO NIAGARA INTL		RNAV		RNAV (RNP) Z RWY 23, ORIG 9/18/2014				AMDT: NONE					
										DATED					

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RNAV (RNP)-STANDARD		INSTRUMENT APPROACH PROCEDURE			
FLIGHT STANDARDS SERVICES		97.33			
TERMINAL ROUTES (CONT.):					
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
ZADUM (40E)	JABET (RF)(FB)(RNP 1.00)(40E)	(2.49 NM RADIUS CW (CFQFT))/4.12	2700		
EFFCT (40E)	JEDAR (RF)(FB)(RNP 1.00) (40E)	(2.49 NM RADIUS CCW (CFNBR))/2.75	3200		
JEDAR (40E)	ZUDAT (RF)(FB)(RNP 1.00)(40E)	(2.62 NM RADIUS CCW (CFHSN))/2.00	2600		
JABET (40E)	BIILS (RF)(FB)(RNP 1.00)(40E)(41E)	(2.02 NM RADIUS CW (CFJJB))/3.00	1800		
BUULS (IF)(40E)(43B)	BIILS (TF)(FB)(RNP 1.00)(40E)(41E)	235.02/3.00	1800		
ZUDAT (40E)	BIILS (RF)(FB)(RNP 1.00)(40E)(41E)	(2.02 NM RADIUS CCW (CFJRZ))/2.57	1800		
BIILS (FAF)(40E)(43F)	RW23 (MAP)(TF)(FO)(40G)(41Y)(43M)	234.98/3.21			
RW23 (MAP)(40G)(41Y)(43M)	WABUS (TF)(FO)(RNP 1.00)(40E)(41Y)(42M)(43H)	234.95/13.50	3000		
NOTES (CONT.): CHART SPEED ICON IN PLANVIEW AT FOTBL, BUULS, WNNGS, COZZS: MAX 210 KIAS CHART PLANVIEW NOTE ADJACENT TO SUSKE IAF: PROCEDURE NA FOR ARRIVALS AT SUSKE ON V2-43 WESTBOUND CHART PLANVIEW NOTE ADJACENT TO SUSKE IAF, WNNGS IF, COZZS IF: RF REQUIRED CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 1 1/4 CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.20 ALL CATS VISIBILITY TO 1 1/2 CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/4					
CITY AND STATE	ELEVATION: 727	TDZE 726	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BUFFALO, NY	BUFFALO NIAGARA INTL		RNAV	RNAV (RNP) Z RWY 23, ORIG 9/18/2014	AMDT: NONE
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