

RNAV - 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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LP: RW14 LNAV: RW14 CLIMB TO 3500 DIRECT WALES AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 317.82 INBOUND. CHART FAS OBST: 864 WATER TWR 425707N/0784601W CHART FAS OBST: 815 TRMSN TWR 425733N/0784551W CHART CYR 518. CHART VDP AT 1.03 MILES TO RW14 WAAS CHANNEL # 58129 REFERENCE PATH ID: W14A JNKAL TO RW14: 3.00/53.1. LTP HAE: 177.7 M											
WELLA (IAF)	WUSOL (FB)	050.35 / 11.99	3000												
WUSOL (IF)	JNKAL (FB)	107.89 / 7.00	2300												
JNKAL (FAF)	RW14 (FO)	137.59 / 4.86													
RW14 (MAP)	1080 MSL	137.59	3500												
1080 MSL	WALES (FO)														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 11W EPOCH YEAR: 2015											
2. PROFILE STARTS AT WUSOL															
3. FAC: 137.59 FAF: JNKAL DIST FAF TO MAP: 4.86 THLD: 4.86															
4. MIN. ALT: WUSOL 3000, JNKAL 2300															
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCPT: GS ALT AT: OM: MM: IM:															
7. GS ANGLE: TCH: 34:1 IS NOT CLEAR															
8. MSA FROM: RW14 3900															
MINIMUMS															
TAKEOFF: 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
LP MDA	1080	1	382	1080	1	382	1080	1 1/8	382	1080	1 1/8	382			
LNAV MDA	1120	1	422	1120	1	422	1120	1 1/4	422	1120	1 1/4	422			
CIRCLING	1200	1	473	1200	1	473	1200	1 1/2	473	1280	2	553			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WELLA ON V2-43 WESTBOUND. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.															
CITY AND STATE BUFFALO, NY				ELEVATION: 727 THRE: 698 AIRPORT NAME: BUFFALO NIAGARA INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 2 27 JUNE 2013				SUP: AMDT: 1 DATED 07/26/2012	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDE PATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KBUF
RW14
0
0
W14A
425647.0095N
0784426.8500W
+01777
425553.8000N
0784249.3400W
00053.1
F
03.00
106.75
0664
40.0
0.0

CRC REMAINDER

8914BE1E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+02128
+02128

CITY AND STATE

BUFFALO, NY

ELEVATION: 727

THRE: 698

AIRPORT NAME:

BUFFALO NIAGARA INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, AMDT 2

27 JUNE 2013

SUP:

AMDT:

1

DATED: 07/26/2012

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBUFFK6FR14	AWELLA	010WELLACYEA0E	A	IF					18000		A	JS
SUSAP	KBUFFK6FR14	AWELLA	020WUSOLK6EA0EE	B	010TF		05040120	+	03000			A	JS
SUSAP	KBUFFK6FR14	R	010WUSOLK6EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KBUFFK6FR14	R	020JNKALK6EA1E	F	051TF		10790070	+	02300		RW14	K6PGA	JS
SUSAP	KBUFFK6FR14	R	020JNKALK6EA2WALP			N	ALNAV						JS
SUSAP	KBUFFK6FR14	R	030RW14 K6PG0GY	M	031TF		13760049		00751	-300		A	JS
SUSAP	KBUFFK6FR14	R	040	0	M	CA	1376	+	01080			A	JS
SUSAP	KBUFFK6FR14	R	050WALESK6EA0EY		DF			+	03500			A	JS
SUSAP	KBUFFK6FR14	R	060WALESK6EA0EE	R	HM		31780040	+	03500			A	JS

[illegible][illegible][illegible]

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WELLA	WELLA	010	IAF	IF		FB					
	WELLA	WUSOL	020		TF		FB	1.0	050.4 (039.4T)	012.0	AA 03000	
		WUSOL	010	FACF	IF		FB				AA 03000	
		JNKAL	020	FAF	TF		FB	0.5	107.9 (096.9T)	007.0	AA 02300	
		RW14	030	MAP	TF		FO	0.3	137.6 (126.6T)	004.9	AT 00751	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		137.6 (126.6T)		AA 01080	
	WALES	050		DF		FO				AA 03500	
	WALES	060		HM	R	FO		317.8 (306.8T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WELLA	N425115.84	W0790935.69	N4251.264	W07909.595
	JNKAL	N425941.11	W0784945.64	N4259.685	W07849.761
	WALES	N424826.07	W0782913.95	N4248.435	W07829.233
	WUSOL	N430031.92	W0785913.81	N4300.532	W07859.230
	RW14	N425647.01	W0784426.65	N4256.784	W07844.444

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00698	53

CITY AND STATE
BUFFALO, NY

ELEVATION: **727** THRE: **698**
 AIRPORT NAME:
BUFFALO NIAGARA INTL

FACILITY IDENTIFIER:
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RNAV (GPS) RWY 14, AMDT 2
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