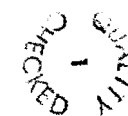


US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
BUF VOR/DME	WALES (FO)	147.07 / 10.13	3500	LPV: DA LNAV/VNAV: DA LNAV: RW32											
LANGS	ROLSE (FB)	069.31 / 14.95	4700												
CLUNG	RUPKE (FB)	254.02 / 18.54	3500	CLIMB TO 3000 DIRECT YULCU AND ON TRACK 234.59 TO SUSKE AND HOLD.											
ROLSE (IAF)	WALES (NOPT) (FB)	047.76 / 7.00	3500												
RUPKE (IAF)	WALES (NOPT) (FB)	227.89 / 8.00	3500	ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 885 ANT ON ATCT 425624N/0784311W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.19 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 81811 REFERENCE PATH ID: W32A LTP HAE: 180.7 M											
WALES (IF/IAF)	MIRTE (FB)	317.82 / 4.90	2900												
MIRTE (SEE FORM 8260-10)	DEPEW (FB)	317.75 / 3.22	2300												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE WALES, RT, 317.82 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 317.72 FAF: DEPEW DIST FAF TO MAP: 4.83 THLD: 4.83 4. MIN. ALT: WALES 3500, MIRTE 2900, DEPEW 2300, FABVO/2.40 NM TO RW32 1520* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2300 GS ALT AT: DEPEW 2300 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 54.3 34:1 IS NOT CLEAR 8. MSA FROM: RW32 3900				MAG VAR: 11W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A											
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
LPV DA	908	3/4	200	908	3/4	200	908	3/4	200	908	3/4	200			
LNAV/VNAV DA	1087	3/4	379	1087	3/4	379	1087	3/4	379	1087	3/4	379			
LNAV MDA	1140	3/4	432	1140	3/4	432	1140	3/4	432	1140	3/4	432			
CIRCLING	1200	1	473	1200	1	473	1200	1 1/2	473	1280	2	553			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 39C (102F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LANGS ON V464 WESTBOUND. (SEE FORM 8260-10)															
CITY AND STATE BUFFALO, NY		ELEVATION: 727 THRE: 708 AIRPORT NAME: BUFFALO NIAGARA INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 2 26 JULY 2012				SUP: AMDT: 1 DATED 09/28/2006					



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RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DEPEW	FABVO/2.40 NM TO RW32 (FB)	317.72 / 2.43	
FABVO/2.40 NM TO RW32	RW32 (MAP) (FO)	317.69 / 2.40	
RW32 (MAP)	908 MSL	317.69	
908 MSL	YULCU (FB)		
YULCU	SUSKE (FO)	234.59/10.42	3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BUF VOR/DME AIRWAY RADIALS 083 CW 235.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV, ALL CATS VISIBILITY TO 1 1/8 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.

1
11/11/06

CITY AND STATE
 BUFFALO, NY

ELEVATION: 727 **THRE:** 708
AIRPORT NAME:
 BUFFALO NIAGARA INTL

FACILITY IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 32, AMDT 2
 26 JULY 2012

SUP:
AMDT: 1
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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBUF
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	425610.9140N
LTP/FTP LONGITUDE	0784320.6290W
LTP/FTP ELLIPSOIDAL HEIGHT	+01807
FPAP LATITUDE	425704.1100N
FPAP LONGITUDE	0784457.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00054.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0784
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

54B2CECA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02158
FPAP ORTHOMETRIC HEIGHT	+02158

CHECKED
1
QUALITY

CITY AND STATE

BUFFALO, NY

ELEVATION: 727

THRE: 708

AIRPORT NAME:

BUFFALO NIAGARA INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

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26 JULY 2012

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09/28/2006

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBUF	K6FR	32	ABUF	010BUF	K6D	0V	IF		18000		A	JS
SUSAP	KBUF	K6FR	32	ABUF	020WALESK6EA0EY	020TF		14710101	+ 03500			A	JS
SUSAP	KBUF	K6FR	32	ABUF	030WALESK6EA0EE	AR	HF	31780040	+ 03500			A	JS
SUSAP	KBUF	K6FR	32	ACLUNG	010CLUNGK6EA0E		IF			18000		A	JS
SUSAP	KBUF	K6FR	32	ACLUNG	020RUPKEK6EA0E	A	020TF	25400185	+ 03500			A	JS
SUSAP	KBUF	K6FR	32	ACLUNG	030WALESK6EA0EE	B	010TF	22790080	+ 03500			A	JS
SUSAP	KBUGS	K6FR	32	ALANGS	010LANGSK6EA0E		IF			18000		A	JS
SUSAP	KBUF	K6FR	32	ALANGS	020ROLSEK6EA0E	A	020TF	06930150	+ 04700			A	JS
SUSAP	KBUF	K6FR	32	ALANGS	030WALESK6EA0EE	B	010TF	04780070	+ 03500			A	JS
SUSAP	KBUF	K6FR	32	R	010WALESK6EA0E	I	IF			18000		A	JS
SUSAP	KBUF	K6FR	32	R	011MIRTEK6EA0E	S	051TF	31780049	+ 02900			A	JS
SUSAP	KBUF	K6FR	32	R	020DEPEWK6EA1E	F	051TF	31780032	+ 02300		RW32	K6PGA	JS
SUSAP	KBUF	K6FR	32	R	020DEPEWK6EA2WALPV			ALNAV/VNAV	ALNAV				JS
SUSAP	KBUF	K6FR	32	R	021FABVOK6EA0E	S	031TF	31770024	V 0152001527	-300		A	JS
SUSAP	KBUF	K6FR	32	R	030RW32	K6PGOGY	M 031TF	31770024	00762	-300		A	JS
SUSAP	KBUF	K6FR	32	R	040	0	M	CA	3177	+ 00908		A	JS
SUSAP	KBUF	K6FR	32	R	050YULCUK6EA0E		DF					A	JS

CITY AND STATE
BUFFALO, NY

ELEVATION: 727	THRE: 708
AIRPORT NAME: BUFFALO NIAGARA INTL	

FACILITY
IDENTIFIER:
| RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 2
26 JULY 2012

SUP:	
AMDT:	1
DATED:	09/28/2006

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Page 5 of 6 Pages

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
	BUF	BUF	010		IF		FB					
	BUF	WALES	020		TF		FO	2.0	147.1(136.1T)	010.1	AA 03500	
	BUF	WALES	030	IAF	HF	R	FO		317.8(306.8T)	004.0	AA 03500	
	CLUNG	CLUNG	010		IF		FB					
	CLUNG	RUPKE	020	IAF	TF		FB	2.0	254.0(243.0T)	018.5	AA 03500	
	CLUNG	WALES	030		TF		FB	1.0	227.9(216.9T)	008.0	AA 03500	
	LANGS	LANGS	010		IF		FB					
	LANGS	ROLSE	020	IAF	TF		FB	2.0	069.3(058.3T)	015.0	AA 04700	
	LANGS	WALES	030		TF		FB	1.0	047.8(036.8T)	007.0	AA 03500	
		WALES	010	FACF	IF		FB				AA 03500	
		MIRTE	011	SDF	TF		FB	0.5	317.8(306.8T)	004.9	AA 02900	
		DEPEW	020	FAF	TF		FB	0.5	317.8(306.8T)	003.2	AA 02300	
		FABVO	021	SDF	TF		FB	0.3	317.7(306.7T)	002.4	AA 01520 GS 01527	
		RW32	030	MAP	TF		FO	0.3	317.7(306.7T)	002.4	AT 00762	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		317.7(306.7T)		AA 00908	
	YULCU	050		DF		FB					
	SUSKE	060		TF		FO	1.0	234.6(223.6T)		AA 03000	
	SUSKE	070		HM	R	FO		090.0(079.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUF	N425544.39	W0783846.83	N4255.740	W07838.781
	SUSKE	N425236.72	W0790025.27	N4252.612	W07900.421
	CLUNG	N430317.17	W0780013.38	N4303.286	W07800.223
	DEPEW	N425317.76	W0783804.49	N4253.296	W07838.075
	FABVO	N425444.88	W0784043.43	N4254.748	W07840.724
	LANGS	N423459.35	W0785211.02	N4234.989	W07852.184
	MIRTE	N425122.18	W0783433.94	N4251.370	W07834.566
	ROLSE	N424249.61	W0783455.38	N4242.827	W07834.923
	RUPKE	N425450.24	W0782242.48	N4254.837	W07822.708
	WALES	N424826.07	W0782913.95	N4248.435	W07829.233
	YULCU	N430010.09	W0785038.89	N4300.168	W07850.648
	RW32	N425610.91	W0784320.63	N4256.182	W07843.344

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW32	00708	54

CITY AND STATE BUFFALO, NY	ELEVATION: 727	THRE: 708	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 2 26 JULY 2012	SUP:
	AIRPORT NAME: BUFFALO NIAGARA INTL				AMDT: 1
					DATED: 09/28/2006