

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		LPV: DA LNAV/VNAV: DA LNAV: RW05 CLIMB TO 3000 DIRECT TRAVA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 235.07 INBOUND. CHART FAS OBST: 809 TOWER 425547N/0784521W. DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.05 NM TO RW05* *LNAV ONLY. WAAS CHANNEL # 70311 REFERENCE PATH ID: W05A CHART CIRCLING ICON. LTP HAE: 172.4 M							
BUF VOR/DME		WABUS (TF) (FO) (RNP 2.00)		246.75 / 15.31				3000									
LANGS		RITEE (TF) (FB) (RNP 2.00)		036.38 / 6.40				3700									
VICCU (IAF)		WABUS (NOPT) (TF) (FB) (RNP 1.00)		139.72 / 7.89				3000									
RITEE (IAF)		WABUS (NOPT) (TF) (FB) (RNP 1.00)		329.89 / 8.40				3000									
WABUS (IF/IAF) (SEE FORM 8260-10)		HIRIN (TF) (FB) (RNP 1.00)		054.81 / 7.00				2400									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW WABUS, RT, 054.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 054.88 FAF: HIRIN DIST FAF TO MAP: 5.26 THLD: 5.26 4. MIN. ALT: WABUS 3000, HIRIN 2400, LANE/C2.50 NM TO RW05 1520* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: HIRIN 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 46.0 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW05 3900										MAG VAR: 11W		EPOCH YEAR: 2015					
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		
LPV DA	908	1800	200	908	1800	200	908	1800	200	908	1800	200					
LNAV/VNAV DA	997	2400	289	997	2400	289	997	2400	289	997	2400	289					
LNAV MDA	1060	2400	352	1060	2400	352	1060	3500	352	1060	3500	352					
CIRCLING	1200	1	473	1200	1	473	1220	1 1/2	493	1340	2	613					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (-2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LANGS ON V115 SOUTHWEST BOUND AND V464 WESTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BUF VOR/DME AIRWAY RADIALS 158 CW 314. PBN REQUIREMENT NOTES: RNP APCH.																	
CITY AND STATE BUFFALO, NY				ELEVATION: 727 TDZE: 708 AIRPORT NAME: BUFFALO NIAGARA INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 5, AMDT 2D 24 MAY 2018				SUP: AMDT: 2C DATED 08/17/2017			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
HIRIN (FAF)	LANEC/2.50 NM TO RW05 (TF) (FB) (RNP 0.30)	054.88 / 2.76	
LANEC/2.50 NM TO RW05	RW05 (MAP) (TF) (FO) (RNP 0.30)	054.88 / 2.50	
RW05 (MAP)	908 MSL (CA)	054.88	
908 MSL	TRAVA (DF) (FO) (RNP 1.00)		3000

CITY AND STATE
BUFFALO, NY

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RNAV (GPS) Y RWY 5, AMDT 2D
 24 MAY 2018

SUP: **QUALITY 10 CHECKED**
 AMDT: **2C**
 DATED: **08/17/2017**

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBUF
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	425556.1235N
LTP/FTP LONGITUDE	0784425.0755W
LTP/FTP ELLIPSOIDAL HEIGHT	+01724
FPAP LATITUDE	425700.2895N
FPAP LONGITUDE	0784300.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00046.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	9DD8C092
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02074
FPAP ORTHOMETRIC HEIGHT	+02074

CITY AND STATE

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 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 5, AMDT 2D

24 MAY 2018

SUP:

AMDT:

DATED:

 QUALITY
10
CHECKED

2C

08/17/2017