

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: RW32 CLIMB TO 4500 DIRECT KONBE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 144.74 INBOUND. CHART FAS OBST: 2277 TK 414740N/0783822W DISTANCE TO THLD FROM 250 HAT: 0.62 NM. CHART VDP AT 1.22 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 87019 REFERENCE PATH ID: W32A LTP HAE: 608.3 M						
OSMOE (IAF)		NIMEE (NOPT) (FB)		235.05 / 5.00				4500								
ZUTER (IAF)		NIMEE (NOPT) (FB)		054.95 / 5.00				4500								
NIMEE (IF/IAF)		JARVO (FB)		325.00 / 6.10				4000								
JARVO (FAF)		RW32 (MAP) (FO)		324.93 / 5.71												
RW32 (MAP)		2350 MSL		324.93												
2350 MSL		KONBE (FO)						4500								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE NIMEE, RT, 325.00 INBOUND, 4500 FT. IN LIEU OF PT (IAF) 3. FAC: 324.93 FAF: JARVO DIST FAF TO MAP: 5.71 THLD: 5.71 4. MIN. ALT: NIMEE 4500, JARVO 4000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 4000 GS ALT AT: JARVO 4000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.3 34:1 IS NOT CLEAR 8. MSA FROM: _____										MAG VAR: 11W EPOCH YEAR: 2010						
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	2370	1	250	2370	1	250	2370	1	250	2370	1	250				
LNAV/VNAV DA	2600	1 1/8	480	2600	1 1/8	480	2600	1 1/8	480	2600	1 1/8	480				
LNAV MDA	2540	1	420	2540	1	420	2540	1	420	2540	1	420				
CIRCLING	2620	1	477	2620	1	477	2620	1 1/2	477	2700	2	557				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C @ NA WHEN LOCAL WEATHER NOT AVAILABLE. (130F). CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ST. MARYS ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 2143 TDZE: 2120				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
BRADFORD, PA		AIRPORT NAME:				RNAV		RNAV (GPS) RWY 32, AMDT 1D				AMDT: 1C				
		BRADFORD RGNL						26 MAY 2016				DATED 10/16/2014				

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

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NOTES, (CONT.):

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV CATS A/B.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE AND LNAV CATS C/D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST. MARYS ALTIMETER SETTING: INCREASE LPV DA TO 2455 FEET AND LNAV/VNAV DA TO 2685 FEET AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ST. MARYS ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE.

TAA

	FROM	TO	ALT
1.	235/30 CW 055/30 (NOPT)	NIMEE (IF/IAF) (FB)	4500
2.	055/30 CW 145/30	ZUTER (IAF) (FB)	4500
3.	145/30 CW 235/30	OSMOE (IAF) (FB)	4500

CITY AND STATE
BRADFORD, PA

ELEVATION: 2143 **TDZE: 2120**
AIRPORT NAME:
BRADFORD RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1D
26 MAY 2016

SUP:
AMDT: **1C**
DATED: **10/16/2014**

**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	KBFD
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	414750.3450N
LTP/FTP LONGITUDE	0783755.6715W
LTP/FTP ELLIPSOIDAL HEIGHT	+06083
FPAP LATITUDE	414852.1100N
FPAP LONGITUDE	0783921.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00052.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 F1D9B3E8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+06401
FPAP ORTHOMETRIC HEIGHT	+06401

CITY AND STATE BRADFORD, PA	ELEVATION: 2143 AIRPORT NAME: BRADFORD RGNL	TDZE: 2120 BRADFORD RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1D 26 MAY 2016	SUP:
					AMDT: 1C
					DATED: 10/16/2014

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE															
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33															
ARINC SUMMARY - KBFD															
ROUTES															
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE	
NIMEE	010	NIMEE	HF	FO		325.0			R			AA 04500		EE A	
OSMOE	010	OSMOE	IF	FB										E A	
OSMOE	020	NIMEE	TF	FB	1.0	235.1						AA 04500		EE B	
ZUTER	010	ZUTER	IF	FB										E A	
ZUTER	020	NIMEE	TF	FB	1.0	055.0						AA 04500		EE B	
	010	NIMEE	IF	FB								AA 04500		E I	
	020	JARVO	TF	FB	1.0	325.0						AA 04000		E F	
	030	RW32	TF	FO	0.3	324.9		3.00				AT 02152		GY M	
	040		CA	FB		324.9						AA 02350		M	
	050	KONBE	DF	FO								AA 04500		EY	
	060	KONBE	HM	FO		144.7			R			AA 04500		EE	
POINTS															
POINT NAME			LATITUDE			LONGITUDE									
JARVO			N414352.59			W0783225.67									
KONBE			N415604.74			W0784925.19									
NIMEE			N413938.47			W0782634.12									
OSMOE			N414314.28			W0782155.83									
ZUTER			N413602.47			W0783111.89									
RUNWAYS															
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH							
RW32		N414750.35		W0783755.67		02100		52.3							
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