

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>		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.											
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW13 LP: RW13  CLIMB TO 2500 DIRECT LOFWU AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.44 INBOUND. CHART FAS OBST: 910 TOWER 385349N/0863216W WAAS CHANNEL # 81925 REFERENCE PATH ID: W13A EDOCU TO RW13: 3.00/40 LTP HAE: 183.9 M											
MOUTH	AYMEE (FB)	227.88 / 23.59	3000												
AYMEE (IAF)	KOXVU (NOPT) (FB)	185.24 / 7.55	2500												
EYTEJ (IAF)	KOXVU (NOPT) (FB)	090.01 / 5.35	2500												
KOXVU (IF/IAF)	EDOCU (FB)	133.23 / 4.82	2400												
EDOCU (FAF)	RW13 (MAP) (FO)	133.26 / 5.18													
RW13 (MAP)	1127 MSL	133.26													
1127 MSL	LOFWU (FO)		2500												
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD NW KOXVU, RT, 133.23 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>133.26</u> FAF: <u>EDOCU</u> DIST FAF TO MAP: <u>5.18</u> THLD: <u>5.18</u> 4. MIN. ALT: <u>KOXVU 2500, EDOCU 2400</u> 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>150</u> HAT: <u>100</u> HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>      </u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>      </u> TCH: <u>34:1</u> IS NOT CLEAR 8. MSA FROM: <u>RW13 2500</u>															
				MAG VAR: 4W      EPOCH YEAR: 2010											
<b>MINIMUMS</b>															
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	1160	1	448	1160	1	448	1160	1 3/8	448	1160	1 3/8	448			
LNAV MDA	1160	1	448	1160	1	448	1160	1 3/8	448	1160	1 3/8	448			
CIRCLING	1220	1	493	1220	1	493	1220	1 1/2	493	1280	2	553			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EYTEJ ON V305 NORTHEAST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOUTH ON V53 NORTH BOUND AND ON V221 NORTHEAST (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 727      THRE: 712		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BEDFORD, IN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, ORIG 25 AUG 2011				AMDT: NONE					
		VIRGIL I GRISSOM MUNI								DATED					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD**

**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**BOUND.**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BLOOMINGTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LP AND LNAV CATS C AND D VISIBILITY 1/8 MILE.**

**CHART NOTE: PROCEDURE NA AT NIGHT.**



**CITY AND STATE**

**BEDFORD, IN**

**ELEVATION: 727**

**THRE: 712**

**AIRPORT NAME:**

**VIRGIL I GRISSOM MUNI**

**FACILITY  
IDENTIFIER:**

**RNAV**

**PROCEDURE NO./AMDT NO./EFFECTIVE DATE:**

**RNAV (GPS) RWY 13, ORIG**

**25 AUG 2011**

**SUP:**

**AMDT: NONE**

**DATED:**

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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	KBFR
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	385044.0860N
LTP/FTP LONGITUDE	0862709.8355W
LTP/FTP ELLIPSOIDAL HEIGHT	+01839
FPAP LATITUDE	384947.5800N
FPAP LONGITUDE	0862541.6200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
<u>CRC REMAINDER</u>	8BC73D42

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02170
FPAP ORTHOMETRIC HEIGHT	+02170

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## ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	AYMEE K50	C	N39043758W086365228				W0039	NAR	AYMEE			
	SUSAEENRT	EDOCU K50	W	N38540089W086321761				W0039	NAR	EDOCU			
	SUSAEENRT	EYTEJ K50	C	L N38564208W086435513				W0038	NAR	EYTEJ			
	SUSAEENRT	KOXVU K50	W	N38570423W086370484				W0038	NAR	KOXVU			
	SUSAEENRT	LOFWU K50	W	N38435485W086163272				W0041	NAR	LOFWU			
	SUSAEENRT	MOUTH K50	C	L N39214047W086155247				W0042	NAR	MOUTH			
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KBFRK5ABFR	0	045YHN38502410W086264330W004000727				1800018000C	MNAR	VIRGIL I GRISSOM MUNI				
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KBFRK5FR13	AEYTEJ	010EYTEJK5EA0E	A	IF					18000		A	JS
	SUSAP KBFRK5FR13	AEYTEJ	020KOXVUK5EA0EE	B	010TF		09000054	+	02500			A	JS
	SUSAP KBFRK5FR13	AKOXVU	010KOXVUK5EA0EE	AR	HF		13320040	+	02500		18000	A	JS
	SUSAP KBFRK5FR13	AMOUTH	010MOUTHK5EA0E		IF					18000		A	JS
	SUSAP KBFRK5FR13	AMOUTH	020AYMEK5EA0E	A	020TF		22790236	+	03000			A	JS
	SUSAP KBFRK5FR13	AMOUTH	030KOXVUK5EA0EE	B	010TF		18520076	+	02500			A	JS
	SUSAP KBFRK5FR13	R	010KOXVUK5EA0E	I	IF			+	02500	18000		A	JS
	SUSAP KBFRK5FR13	R	020EDOCUK5EA1E	F	051TF		13320048	+	02400		RW13	K5PGA	JS
	SUSAP KBFRK5FR13	R	020EDOCUK5EA2WALP		N	ALNAV							JS
	SUSAP KBFRK5FR13	R	030RW13	K5PGOGY	M	031TF	13330052		00752		-300	A	JS
	SUSAP KBFRK5FR13	R	040		0	M	1333	+	01127			A	JS
	SUSAP KBFRK5FR13	R	050LOFWUK5EA0EY		DF			+	02500			A	JS
	SUSAP KBFRK5FR13	R	060LOFWUK5EA0EE	R	HM		31340040	+	02500			A	JS
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KBFRK5GRW13	0045011333	N38504409W086270984+0300				+0183900712000040100R						

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[illegible]

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