

**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	LNAV/VNAV: DA LNAV: RW05
BRYTO	HOBAD (TF) (FB) (RNP 2.00)	192.44 / 10.25	3000	CLIMB TO 3000 DIRECT WILAT AND HOLD.
ILTON	WADLI (TF) (FB) (RNP 2.00)	257.45 / 9.67	3000	
OLK VOR (IAF)	FELAX (NOPT) (TF) (FB) (RNP 1.00)	038.22 / 18.97	3000	
HOBAD (IAF)	FELAX (NOPT) (TF) (FB) (RNP 1.00)	141.89 / 5.00	3000	
WADLI (IAF)	FELAX (NOPT) (TF) (FB) (RNP 1.00)	321.99 / 5.00	3000	
(SEE FORM 8260-10)				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 232.18 INBOUND. CHART FAS OBST: 1199 TREES 413557N/0850738W. DISTANCE TO THLD FROM 484 HAT: 1.42 NM. CHART VDP AT 1.37 NM TO RW05* *LNAV ONLY.

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD SW FELAX, RT, 051.94 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 052.00 FAF: AVROY DIST FAF TO MAP: 5.19 THLD: 5.19
4. MIN. ALT: FELAX 3000, AVROY 2700
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2700 GS ALT AT: AVROY 2700 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 40.0 20:1 IS CLEAR 34:1 IS CLEAR
8. MSA FROM: RW05 2600

MAG VAR: 5W EPOCH YEAR: 2000

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A <input checked="" type="checkbox"/>								
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
LNAV/VNAV DA	1474	1 3/4	484	1474	1 3/4	484	1474	1 3/4	484		NA				
LNAV MDA	1460	1	470	1460	1	470	1460	1 1/2	470		NA				
CIRCLING	1520	1	525	1520	1	525	1520	1 1/2	525		NA				

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

CHART NOTE: CIRCLING RWY 23 NA AT NIGHT.

PBN REQUIREMENTS NOTE: RNP APCH.



CITY AND STATE <b>ANGOLA, IN</b>	ELEVATION: 995 TDZE: 990 AIRPORT NAME: <b>TRI-STATE STEUBEN COUNTY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMD T NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 5, ORIG-D</b>	SUP: AMD T: <b>ORIG-C</b> DATED <b>10/16/2014</b>
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ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE  <div style="text-align: center;"><b>ROUTINE</b></div>
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COORDINATED WITH:

A4A <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> <u>ZAU ARTCC, FWA ATCT, AMGR</u>
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FLIGHT CHECKED BY <span style="float: right;"><i>Digitally signed by</i></span>	
NAME: <span style="float: right;"><b>DEZ SILAGYI</b></span> FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017 <span style="float: right;">Jan 26, 2018</span>	DATE: <span style="float: right;">FIFO</span> <span style="float: right;"><b>AJV-5422</b></span>

DEVELOPED BY <span style="float: right;"><i>Digitally signed by</i></span>	
NAME: <span style="float: right;"><b>DAVID A. DOWLING</b></span> <span style="float: right;"><b>DAVID A DOWLING</b></span>	DATE: <span style="float: right;">FIFO</span> <span style="float: right;"><b>12/18/2017</b></span>

APPROVED BY <span style="float: right;">Jan 24, 2018</span>	
NAME: <span style="float: right;"><b>JULIE A. MORGAN</b></span> <span style="float: right;"><i>Digitally signed by</i> <b>DEZ SILAGYI</b>    <b>MANAGER</b></span>	DATE: <span style="float: right;">FIFO</span> <span style="float: right;"><b>AJV-5420</b></span>

CHANGES: Jan 26, 2018

1. ADDED "PBN REQUIREMENTS NOTE: RNP APCH".
2. DELETED "CHART NOTE: DME/DME RNP-0.3 NA"
3. RAISED HAT 1 FT ALL STRAIGHT IN CATEGORIES: LNAV/VNAV CAT A-C FROM 483 TO 484; LNAV CAT A-C FROM 469 TO 470.
4. ADDITIONAL FLIGHT DATA: REMOVED WAAS CHANNEL.
5. DELETED HELICOPTER VISIBILITY RESTRICTION NOTE.
6. ADDED "20:1 IS CLEAR" TO LINE 7.
7. CHANGED "DIST TO THLD FROM 409 HAT: 1.18 NM" TO DIST TO THLD FROM 484 HAT: 1.42 NM".

ALL CHANGES FROM ORIG-A THRU ORIG-C HAVE BEEN INCORPORATED INTO THIS PROCEDURE.

REASONS:

- 1/2/6. PER 8260-19H.
3. AIRNAV DATA UPDATE.
- 4/5. NOT APPLICABLE.
7. BASED ON EXISTING MINIMUMS.



**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>
FELAX (IF/IAF)	AVROY (TF) (FB) (RNP 1.00)	051.94 / 5.81	2700
AVROY (FAF)	RW05 (MAP) (TF) (FO) (RNP 0.30)	052.00 / 5.19	
RW05 (MAP)	1395 MSL (CA)	052.00	
1395 MSL	WILAT (DF) (FO) (RNP 1.00)		3000



CITY AND STATE <b>ANGOLA, IN</b>	<b>ELEVATION: 995</b>	<b>TDZE: 990</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 5, ORIG-D</b>	SUP:
	AIRPORT NAME: <b>TRI-STATE STEUBEN COUNTY</b>				AMDT: <b>ORIG-C</b>
					DATED: <b>10/16/2014</b>

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
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COORDINATED WITH:

A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>	OTHER (specify) <input type="checkbox"/> _____
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FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:

APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

