

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>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		LPV: DA LNAV/VNAV: DA LNAV: RW04  CLIMB TO 2700 DIRECT CONUM AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 227.02 INBOUND. CHART FAS OBST: 1039 TOWER 395719N/0865752W DISTANCE TO THLD FROM 269 HAT: 0.72 NM. WAAS CHANNEL # 82739 REFERENCE PATH ID: W04A CHART CIRCLING ICON. LTP HAE: 209.6 M						
ANTTI		OTOSE (FB)		235.24 / 10.08				2700								
ALLOE		YONUG (FO)		141.76 / 6.19				2700								
OTOSE (IAF)		YONUG (NOPT) (FB)		316.87 / 6.30				2700								
TTH VORTAC (IAF)		YONUG (NOPT) (FB)		023.64 / 22.08				2700								
YONUG (IF/IAF)		ZAGPA (FB)		046.81 / 6.03				2400								
ZAGPA (FAF)		JUBDU/1.70 NM TO RW04 (FB)		046.86 / 3.18												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW YONUG, LT, 046.81 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 046.86 FAF: ZAGPA DIST FAF TO MAP: 4.88 THLD: 4.88 4. MIN. ALT: YONUG 2700, ZAGPA 2400, JUBDU/1.70 NM TO RW04 1380* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: ZAGPA 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW04 2600																
										MAG VAR: 4W			EPOCH YEAR: 2020			
<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	
LPV DA	1076	7/8	279	1076	7/8	279	1076	7/8	279	1076	7/8	279				
LNAV/VNAV DA	1066	7/8	269	1066	7/8	269	1066	7/8	269	1066	7/8	269				
LNAV MDA	1240	1	443	1240	1	443	1240	1 3/4	443	1240	1 3/8	443				
CIRCLING	1240	1	440	1260	1	460	1440	1 3/8	640	1520	2 1/4	720				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING GREENCASTLE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TTH VORTAC AIRWAY RADIALS 303 CW 077. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 800 TDZE: 797				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
CRAWFORDSVILLE, IN		AIRPORT NAME: CRAWFORDSVILLE MUNI						RNAV (GPS) RWY 4, AMDT 1				AMDT: ORIG				
												DATED 06/03/2010				

 QUALITY  
10  
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> ZAU, ZID, IND APP CON, AMGR</div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
DANIEL D. OLSON				AJV-5421	08/04/2016
APPROVED BY					
NAME:				FIFO	DATE:
TONY R LAWSON				AJV-5420	
MANAGER					
CHANGES:					
<div>1. UPDATED TERMINAL ROUTE ANTTI TO OTOSE COURSE AND DISTANCE FROM 240.51/10.28 TO 235.24/10.08.</div> <div>2. UPDATED TERMINAL ROUTE FROM ALLOE (IAF) TO YOUNG (NOPT) (FB) TO ALLOE TO YONUG (FO) AND COURSE AND DISTANCE FROM 139.08/6.18 TO 141.76/6.19.</div> <div>3. UPDATED TERMINAL ROUTE OTOSE TO YONUG COURSE AND DISTANCE FROM 314.88/5.00 TO 316.87</div> <div>4. UPDATED TERMINAL ROUTE TTH VORTAC TO YONUG COURSE AND DISTANCE FROM 021.71/22.15 TO 023.64/22.08.</div> <div>5. UPDATED TERMINAL ROUTE YONUG TO ZAGPA COURSE AND DISTANCE FROM 044.83/6.15 TO 046.81/6.03.</div> <div>6. ADDED TERMINAL ROUTE ZAGPA (FAF) TO MISSED ALTITUDE 2700.</div> <div>7. UPDATED HOLD-IN-LIEU COURSE FROM 044.83 TO 046.81.</div> <div>8. UPDATED FAC FROM 044.88 TO 046.86 AND DIST FAF TO MAP/THLD FROM 4.85 TO 4.88.</div> <div>9. ADDED MIN ALT JUBDU/1.70 NM TO RW04 1380* *LNAV ONLY.</div> <div>10. ADDED MIN GS INCPT 2400 AND GS ALT AT ZAGPA 2400.</div> <div>11. ADDED GS ANGLE, TCH 50.0 AND CHANGED FROM 34:1 CLEAR TO 34:1 NOT CLEAR.</div> <div>12. ADDED MISSED APPROACH POINT FOR LPV DA AND LNAV/VNAV DA.</div> <div>13. UPDATED MISSED APPROACH FROM CLIMBING LEFT TURN TO 2700 DIRECT ALLOE AND HOLD TO CLIMB TO 2700 DIRECT CONUM AND HOLD.</div> <div>14. UPDATED MISSED HOLDING FROM 139.08 INBOUND TO 227.02 INBOUND.</div> <div>(SEE FORM 8260-10)</div>					
REASONS:					
<div>1, 3. MAG VAR UPDATED AND FIX OTOSE MOVED TO MEET CURRENT CRITERIA.</div> <div>2. MAG VAR UPDATED, FIX YONUG MOVED TO MEET CURRENT CRITERIA AND COURSE EXCEEDS 90 DEGREES.</div> <div>4, 7. MAG VAR UPDATED AND FIX YONUG MOVED TO MEET CURRENT CRITERIA.</div> <div>5. MAG VAR UPDATED AND FIXES YONUG AND ZAGPA MOVED TO MEET CURRENT CRITERIA.</div> <div>6. CURRENT DOCUMENTATION REQUIREMENT.</div> <div>8. MAG VAR UPDATED AND FIX ZAGPA MOVED TO MEET CURRENT CRITERIA.</div> <div>9. TO ALLOW FOR LOWEST POSSIBLE MINIMUMS DUE AIRPORT HAS A LOCAL ALTIMETER SETTING.</div> <div>10. VERTICALLY GUIDED MINIMUMS ADDED TO PROCEDURE.</div> <div>11. DOCUMENTED LPV ANGLE AND TCH.</div> <div>12, 16. LPV AND LNAV/VNAV LINE MINIMUMS ADDED TO PROCEDURE.</div> <div>13. PER COORDINATED EMAIL WITH IN ATCT.</div> <div>14. NEW MISSED APPROACH HOLDING FIX.</div> <div>15. VERTICALLY GUIDED DATA NOW PUBLISHED AND AIRPORT HAS ITS ON WEATHER SOURCE.</div> <div>17. NEW CIRCLING CRITERIA APPLIED.</div> <div>(SEE FORM 8260-10)</div>					

QUALITY  
10  
CHECKED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUBDU/1.70 NM TO RW04	RW04 (MAP) (FO)	046.86 / 1.70	
RW04 (MAP)	1066 MSL	046.86	
1066 MSL	CONUM (FO)		2700

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENCASTLE ALTIMETER SETTING:  
INCREASE LPV DA TO 1128 FEET AND ALL VISIBILITIES 1/ SM, LNAV/VNAV DA TO 1118 FEET AND ALL  
VISIBILITIES 1/ SM; INCREASE ALL MDA 60 FEET AND CIRCLING CATS C AND D VISIBILITIES 1/4 SM.  
CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE  
CRAWFORDSVILLE, IN

ELEVATION: 800 TDZE: 797  
AIRPORT NAME:  
CRAWFORDSVILLE MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 4, AMDT 1

SUP: **QUALITY  
10  
CHECKED**  
AMDT: **ORIG**  
DATED: **06/03/2010**

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div><div>ATA<div></div></div><div>AAT<div></div></div><div>ALPA<div></div></div><div>APA<div></div></div><div>AOPA<div></div></div><div>NBAA<div></div></div><div>OTHER (specify)<div></div></div></div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>15. REMOVED ZAGPA TO RW04: 3.04/40 AND CHART GREENCASTLE AWOS-3.</div> <div>16. ADDED DISTANCE TO THLD FROM 269 HAT: 0.73 NM, WAAS CHANNEL #82739 AND REFERENCE PATH ID W04A.</div> <div>17. ADDED CHART CIRCLING ICON.</div> <div>18. ADDED LTP HAE.</div> <div>19. UPDATED MAG VAR FROM 2W TO 4W AND EPOCH YEAR FROM 1995 TO 2020.</div> <div>20. ADDED ALTERNATE MINIMUMS STANDARD @, @ NA WHEN LOCAL WEATHER NOT AVAILABLE AND @ CAT D 800-2 1/4.</div> <div>21. ADDED LPV AND LNAV/VNAV DA LINES OF MINIMUMS.</div> <div>22. LOWERED LNAV FROM MDA 1360/HAT 561 ALL CATS TO MDA 1240/HAT 443 ALL CATS. VIS CAT C FROM 1 1/2 TO 1 3/8 AND CAT D FROM 2 TO 1 3/8.</div> <div>23. LOWERED CIRCLING CAT A FROM MDA 1360/HAA 561 TO MDA 1240/HAA 440, CAT B FROM MDA 1360/HAA 561 TO MDA 1260/HAA 460, RAISED CAT C FROM MDA 1360/HAA 561 VIS 1 1/2 TO MDA 1440/HAA 640 VIS 1 3/4 AND CAT D FROM MDA 1400/HAA 601 VIS 2 TO MDA 1520/HAA 720 VIS 2 1/4.</div> <div>24. ADDED NOTE WHEN BARO-VNAV NA.</div> <div>25. ADDED NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS.</div> <div>26. REMOVED VGSI AND DESCENT ANGLES NOT COINCIDENT.</div> <div>(SEE FORM 8260-10)</div>					
<div>REASONS:</div> <div>REASONS CONT.</div> <div>18. REQUIRED WHEN DEVELOPING WAAS PROCEDURES.</div> <div>19. ALL PROCEDURES BEING UPDATED TO CURRENT MAG VAR.</div> <div>20. AIRPORT HAS A LOCAL ALTIMETER SETTING, NA WHEN LOCAL ALTIMETER SETTING NOT AVAILABLE AND CAT D HAA CAUSES CAT D INCREASE.</div> <div>21. RUNWAY QUALIFIES FOR VERTICALLY GUIDED MINIMUMS.</div> <div>22. 27. AIRPORT HAS A LOCAL ALTIMETER SETTING.</div> <div>23. CATS A AND B AIRPORT HAS A LOCAL ALTIMETER SETTING, CAT C NEW CONTROLLING OBSTACLE 149 FEET HIGHER PLUS AC 50 FEET, CAT D NEW CONTROLLING OBSTACLE 121 FEET HIGHER PLUS AC 50 FEET.</div> <div>24. BARO-VNAV NA WITH REMOTE ALTIMETER SETTING.</div> <div>25. UNCOMPENSATED BARO-VNAV AUTHORIZED WITH THE PROCEDURE.</div> <div>26. CURRENT VGSI NOT AVAILABLE.</div> <div>28. TURNS GREATER THAN 90 DEGREES NO LONGER AUTHORIZED.</div> <div>29. RUNWAY 4 HAS 34:1 PENETRATIONS.</div> <div>30. PER CURRENT AIRNAV DATA SHEET.</div>					
<div>-3 PDF EDIT:</div> <div>1. LINE 4 ADDED * LNAV ONLY.</div>					



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

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CITY AND STATE  
CRAWFORDSVILLE, IN

ELEVATION: 800 TDZE: 797  
AIRPORT NAME:  
CRAWFORDSVILLE MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 4, AMDT 1

SUP: **QUALITY 10 CHECKED**  
AMDT: **ORIG**  
DATED: **06/03/2010**

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 27. UPDATED THE LOCAL AND REMOTE ALTIMETER SETTING NOTE. 28. UPDATED THE PLANVIEW NOTE RADIALS FROM 342 CW 077 TO 303 CW 077. 29. ADDED NOTE FOR RWY 4 HELICOPTER VISIBILITY REDUCTION. 30. UPDATED AIRPORT ELEVATION FROM 799 TO 800.					
REASONS:					



**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR 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.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCFJ
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	395808.7400N
LTP/FTP LONGITUDE	0865539.9300W
LTP/FTP ELLIPSOIDAL HEIGHT	+02096
FPAP LATITUDE	395914.0420N
FPAP LONGITUDE	0865421.0055W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 836D0DC0

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02430
FPAP ORTHOMETRIC HEIGHT	+02430

CITY AND STATE

CRAWFORDSVILLE, IN

ELEVATION: 800

TDZE: 797

AIRPORT NAME:

CRAWFORDSVILLE MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 1

SUP:

AMDT:

DATED:

 QUALITY  
10  
CHECKED

ORIG

06/03/2010

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					





<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - 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.				
ARINC SUMMARY - KCFJ																
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		
ALLOE	010	ALLOE	IF	FB										E		
ALLOE	020	YONUG	TF	FO	2.0	141.8						AA 02700		EY		
ALLOE	030	YONUG	HF	FO		046.8			L			AA 02700		EE A		
ANTTI	010	ANTTI	IF	FB										E		
ANTTI	020	OTOSE	TF	FB	2.0	235.2						AA 02700		E A		
ANTTI	030	YONUG	TF	FB	1.0	316.9						AA 02700		EE B		
TTH	010	TTH	IF	FB										V A		
TTH	020	YONUG	TF	FB	1.0	023.6						AA 02700		EE B		
	010	YONUG	IF	FB								AA 02700		E I		
	020	ZAGPA	TF	FB	1.0	046.8				RW04		AA 02400		E F		
	021	JUBDU	TF	FB	0.3	046.9		3.00				AA 01380 GS 01389		E S		
	030	RW04	TF	FO	0.3	046.9		3.00				AT 00847		GY M		
	040		CA	FB		046.9						AA 01066		M		
	050	CONUM	DF	FO								AA 02700		EY		
	060	CONUM	HM	FO		227.0			R			AA 02700		EE		
POINTS																
POINT NAME					LATITUDE					LONGITUDE						
TTH					N392920.19					W0871456.45						
ALLOE					N395443.65					W0871042.39						
ANTTI					N395210.71					W0864907.28						
CONUM					N400643.83					W0864515.70						
JUBDU					N395653.97					W0865710.23						
OTOSE					N394551.28					W0865918.88						
YONUG					N395008.52					W0870518.50						
ZAGPA					N395434.24					W0865958.75						
RUNWAYS																
RUNWAY					THRESHOLD LATITUDE					THRESHOLD LONGITUDE					THRESHOLD ELEVATION	PROCEDURE TCH
RW04					N395808.74					W0865539.93					00797	50

CITY AND STATE <b>CRAWFORDSVILLE, IN</b>	ELEVATION: <b>800</b> <b>TDZE: 797</b> AIRPORT NAME: <b>CRAWFORDSVILLE MUNI</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 4, AMDT 1</b>	SUP: AMDT: <b>ORIG</b> DATED: <b>06/03/2010</b>
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ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/>    AAT<input type="checkbox"/>    ALPA<input type="checkbox"/>    APA<input type="checkbox"/>    AOPA<input type="checkbox"/>    NBAA<input type="checkbox"/>    OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					



## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.					
FEEDER		ANTTI		OTOSE		1. TOWER (18-000164)		395003.00N/0864852.00W		1165 (4D)	1000	AT535		2700					
						2. TERRAIN		394618.00N/0865548.00W		890 (900)		AS1500		2400					
FEEDER		ALLOE		YONUG		3. TOWER (18-001153)		395516.00N/0870916.00W		1184 (5D)	1000	AT516		2700					
						4. TERRAIN		395318.00N/0870600.00W		837 (800)		AS1500		2300					
INITIAL		OTOSE		YONUG		5. TOWER (18-001595)		394552.60N/0865846.10W		1085 (1A)	1000	AT615		2700					
						6. TERRAIN		394533.00N/0870030.00W		847 (800)		AS1500		2300					
INITIAL		TTH VORTAC		YONUG		7. TOWER (18-002523)		394036.10N/0870950.60W		1055 (4D)	1000	AT645		2700					
						8. TERRAIN		395012.00N/0870739.00W		794 (800)		AS1500		2300					
INTERMEDIATE		YONUG (IF/IAF)		ZAGPA		9. AAO		395515.00N/0870057.00W		1044 (3D)	500	AT856		2400					
						10. TERRAIN		395515.00N/0870057.00W		844 (800)		AS1500		2300					
FINAL: LPV		ZAGPA		RW04		11. TREE (KCFJT000296)		395751.53N/0865608.64W		879 (1A)	34:1	MA29		1076/279					
FINAL: LNAV/VNAV		ZAGPA		RW04		12. TREE (KCFJT000119)		395823.90N/0865552.18W		905 (1A)	161			1066/269					
FINAL: LNAV		ZAGPA		JUBDU/1.70 NM TO		13. AAO		395502.97N/0865826.61W		1039 (2C)	250	RA52 DG39		1380					
				RW04															
2. HOLD-IN-LIEU-OF-PT		YONUG		P-5		15. TOWER (18-002346)		394505.21N/0870744.79W		1054 (5D)	1000	AT646		2700					
						4. TERRAIN		395318.00N/0870600.00W		837 (800)		AS1500		2300					
3. MISSED APPROACH	MAP:		DA / DA / RW04		CONUM		16. TREE (KCFJT000302)		395750.61N/0865608.62W		877 (1A)	ASC	2700						
	ELEV:		873/905/1140				17. AAO		400345.00N/0864627.00W		1073 (4E)	1000	2100						
							18. TERRAIN		400345.00N/0864627.00W		873 (900)		AS1500						
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	440	19. TANK (18-027612)		395703.47N/0865531.31W		932 (1B)	300	1240					
CATEGORY B		1.5 NM			450		460	20. ANT (KCFJT000374)		395651.77N/0865422.19W		955 (1B)	300	1260					
CATEGORY C		1.7 NM			450		640	21. TOWER (18-000100)		400131.00N/0865413.00W		1088 (5D)	300	AC50	1440				
CATEGORY D		2.3 NM			550		720	22. TOWER (18-002347)		395526.00N/0865314.00W		1160 (5D)	300	AC50	1520				
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID: RW04																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		TWR (18-001084)		125/19.2		1530 (5D)		2600											
CITY AND STATE		ELEVATION: 800				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION					
CRAWFORDSVILLE, IN		AIRPORT NAME: CRAWFORDSVILLE MUNI				RNAV				RNAV (GPS) RWY 4, AMDT 1				AGL					

QUALITY

10

CHECKED

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>VDP NOT ESTABLISHED - VDP TO CLOSE TO SDF.</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>CRITICAL TEMPERATURES: CRITICAL LOW :-16C (+4F) CRITICAL HIGH :+54C (+130F) ACT :-16C APT ISA :+13.42C</div> <div>CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 965 HIGH TEMP 1126.</div> <div>ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.83NM CAT C: 2.88NM CAT D: 3.77NM</div> <div>SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KCFJ 800.3, K417 842.0 RA = 51.80 RASS SITE ELEVATION 826.70 USED TO DETERMINE RA ADJUSTMENT.</div> <div>LPV SLOPE: 34:1</div> <div>LNAV/VNAV SLOPE: 23.44:1</div> <div>#14 LOCATED 451.08 FT INTO SECONDARY AREA. PRIMARY EQUIVALENT 974.56 (64.44 RISE)</div> <div>BOTH KCFJ AND K417 AWOS-3 ARE ON WMSCR AND OPERATED 24 HOURS.</div> <div>BACKUP ALTIMETER SETTING PUBLISHED AS A NOTE</div> <div>70 FEET VEGETATION USED PER FPT CHECKLIST</div> <div>25 DEGREES BANK ANGLE USED IN INTERMEDIATE AND INITIAL OTOSE TO YONUG DEVELOPMENT</div> <div>ORDER 8260.3, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS: RWY 4 34:1 835 TREE (KCFJT000209) 395801.56N/0865551.96W (9.07) 828 TREE (KCFJT000193) 395803.22N/0865550.20W (8.44) 879 TREE (KCFJT000296) 395751.53N/0865608.64W (5.20) 822 TREE (KCFJT000190) 395800.44N/0865545.38W (3.89) 824 TREE (KCFJT000199) 395800.28N/0865547.05W (2.94) 877 TREE (KCFJT000302) 395750.61N/0865608.62W (1.23) 825 TREE (KCFJT000204) 395759.19N/0865547.32W (1.14) 876 TREE (KCFJT000301) 395750.70N/0865608.68W (0.33)</div>																	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																			
ZID ARTCC IND APP CON ZAU ARTCC						N W S		OTHER: AWOS-3PT												SOURCE:KCFJ / K417							
						F A A														DISTANCE: 0 / 20.92							
						A / C														HOURS REMOTE OPERATION: - / 24							
SATISFACTORY ON:																				LOCATION: KCFJ				ADJUSTMENT: 0 / 52			
4. MONITOR STATUS		PRIMARY NAVAID:																		CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 965 HIGH TEMP 1126.							
		MONITOR POINT:																									
		HRS OPTN:		CAT 1				CAT 3																			
5. APPROACH & RUNWAY LIGHTING				ALS																ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.83NM CAT C: 2.88NM CAT D: 3.77NM							
				(S) SALS																							
				MAL S																							
				HIRL																							
		X		MIRL 04 (PCL), 22 (PCL)																							
		X		REIL 04 (PCL), 22 (PCL)																							
				TDZ																							
				C/LINE																							
		OTHER (SPECIFY)								LPV SLOPE: 34:1																	
6. RUNWAY MARKINGS		BASIC												#14 LOCATED 451.08 FT INTO SECONDARY AREA. PRIMARY EQUIVALENT 974.56 (64.44 RISE)													
		ALL WEATHER																									
		INSTRUMENT NPI-F 04, 22																									
7. RUNWAY VISUAL RANGE		APPROACH								BOTH KCFJ AND K417 AWOS-3 ARE ON WMSCR AND OPERATED 24 HOURS.																	
		MIDFIELD																									
		ROLL OUT																									
8. GLIDE PATH		GP ANGLE: 3.00						ELEV RWY THRESHOLD:797.4						BACKUP ALTIMETER SETTING PUBLISHED AS A NOTE													
		DISTANCE FROM RWY:						ELEV GP ANTENNA:																			
								THRESHOLD CROSSING HEIGHT:50.0																			
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD						FT. FROM THRESHOLD				70 FEET VEGETATION USED PER FPT CHECKLIST											
				X		ON CENTERLINE						FT. FROM CENTERLINE															
10. WAIVERS: NONE														<div>25 DEGREES BANK ANGLE USED IN INTERMEDIATE AND INITIAL OTOSE TO YONUG DEVELOPMENT</div> <div>ORDER 8260.3, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS: RWY 4 34:1 835 TREE (KCFJT000209) 395801.56N/0865551.96W (9.07) 828 TREE (KCFJT000193) 395803.22N/0865550.20W (8.44) 879 TREE (KCFJT000296) 395751.53N/0865608.64W (5.20) 822 TREE (KCFJT000190) 395800.44N/0865545.38W (3.89) 824 TREE (KCFJT000199) 395800.28N/0865547.05W (2.94) 877 TREE (KCFJT000302) 395750.61N/0865608.62W (1.23) 825 TREE (KCFJT000204) 395759.19N/0865547.32W (1.14) 876 TREE (KCFJT000301) 395750.70N/0865608.68W (0.33)</div> <div>QUALITY 10 CHECKED</div>													
PART D - PREPARED BY: DANIEL D. OLSON								DATE: 08/04/2016																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AJV-5421																			

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:				
		DISTANCE FROM RWY:					ELEV GP ANTENNA:				
							THRESHOLD CROSSING HEIGHT:				
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:							DATE:				
TITLE:							OFFICE:				

