

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.								
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION												
TERMINAL ROUTES				MISSED APPROACH								
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. *LNAV ONLY. 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								
MINIMUMS												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A								
CATEGORY =====>				STANDARD @								
	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
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 ARRIVAL 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:				RNAV (GPS) RWY 4, AMDT 1			AMDT: ORIG			
		CRAWFORDSVILLE MUNI				10 NOVEMBER 2016			DATED 06/03/2010			

 QUALITY
2
CHECKED

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.):

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 1/4 SM, LNAV/VNAV DA TO 1118 FEET AND ALL
VISIBILITIES 1/4 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.

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CITY AND STATE

CRAWFORDSVILLE, IN

ELEVATION: 800

TDZE: 797

AIRPORT NAME:

CRAWFORDSVILLE MUNI

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

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

CRC REMAINDER

836D0DC0

ADDITIONAL PATH POINT RECORD INFORMATION

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

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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 10 NOVEMBER 2016	SUP:
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
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						

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