

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.27**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> CFJ	<u>PROCEDURE NAME</u> NDB RWY 5	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> CRAWFORDSVILLE	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 800	<u>TDZE</u> 797	<u>SUPERSEDED</u> NDB RWY 4	<u>ORIGINAL/AMENDMENT</u> 6A	<u>DATED</u> 11/08/2018
<u>FACILITY</u> CFJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4W
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
VHP VORTAC		CFJ NDB					290.66	27.21	2600

MISSED APPROACH

MAP:

CFJ NDB

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 THEN LEFT TURN DIRECT CFJ NDB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** L **SIDE OF COURSE** 223.74 **OUTBOUND** 2400 **FT WITHIN** 10 **MILES OF** CFJ NDB (IAF)
- 2.
3. **FAC:** 043.74 **FAF:** **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:**
8. **MSA FROM:** CFJ NDB 2600

NOTES:

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VHP VORTAC AIRWAY RADIALS 244 CW 311.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GPC ALTIMETER SETTING: INCREASE ALL MDAS 60 FEET AND S-05 AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 043.74 INBOUND.
FAS OBST: 1070 AAO 395409N/0865639W.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.



MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-05	1420	1	623	1420	1	623	1420	1 3/4	623	1420	1 3/4	623				
CIRCLING	1420	1	620	1420	1	620	1440	1 3/4	640	1520	2 1/4	720				

CHANGES - REASONS

1. UPDATED PROCEDURE NAME FROM NDB RWY 4 TO NDB RWY 5. – RUNWAY RENUMBERING TO ALIGH WITH MAGNETIC DECLINATION.
2. UPDATED BACKUP ALTIMETER SOURCE FROM LOCATION (GREENCASTLE) TO LOCATION ID/ICAO (GPC). - IAW 8260.19J 8-6-10F(4).
3. UPDATED FAS OBST: FROM "1069 AAO 395409N/0865658W" TO "1070 AAO 395409N/0865639W." – NEW FINAL CONTROLLING OBSTACLE.
4. UPDATED ADDITIONAL FLIGHT DATA: FAC CROSSES RWY C/L EXTENDED FROM "2986 FT FROM THLD" TO "3000 FT FROM THLD." – NEW EVALUATION COMPLETED.
5. REMOVED ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON. – NO LONGER REQUIRED.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZAU, ZID, IND APP CON, AMGR

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by
CASIMIR L TABAKA
Oct 31, 2025

OFFICE

AJF

DATE

10/17/2025

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
CASIMIR L TABAKA
Sep 19, 2025

OFFICE

AJV-A432

DATE

08/06/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Sep 19, 2025

OFFICE

AJV-A430

DATE

TITLE
MANAGER



AIRPORT ID
CFJ

PROCEDURE NAME
NDB RWY 5

AMDT NO.
7

CITY
CRAWFORDSVILLE

STATE
IN

AIRPORT ELEVATION
800

FACILITY
CFJ

PROCEDURE TURN

FROM
CFJ NDB

TO
10 NM

RNP DISTANCE PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (18-002154)	395311.98N/0865346.96W	1173	20	3	1A	1000					2200
TERRAIN	395309.00N/0865409.00W	908 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH PT

FROM
CFJ NDB

TO
CFJ NDB

RNP DISTANCE PAT MAP HAT HMAS
1070

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2400
TOWER (18-001528)	400319.00N/0865557.00W	1238	500	50	5D	1000					2300
TERRAIN	395900.00N/0865000.00W	879 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
CFJ

PROCEDURE NAME
NDB RWY 5

AMDT NO.
7

CITY
CRAWFORDSVILLE

STATE
IN

AIRPORT ELEVATION
800

FACILITY
CFJ

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
WATER_TOWER (18-044174)	395703.48N/0865531.32W	1.30	620	932	20	10	1B	300		SI	1420
CATEGORY B											
ANTENNA (18-044215)	395651.80N/0865422.12W	1.83	620	955	20	10	1B	300		SI	1420
CATEGORY C											
TOWER (18-000362)	400107.28N/0865629.91W	2.88	640	1101	20	3	1A	300		XP39	1440
CATEGORY D											
AAO	395836.00N/0865015.00W	3.77	720	1103	215	8	4B	300		XP117	1520

CIRCLING REMARKS:

XP39 TO MAINTAIN CURRENT MINIMUMS. 50FT REDUCTION CANNOT BE ACHIEVED. XP117 TO MAINTAIN CURRENT MINIMUMS. OEAAA SYSTEM NOT AVAILABLE.

MSA

CENTER **RADIUS**
CFJ NDB 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (18-000459)	402321.00N/0863650.00W	033	28.1	1557	500	50	5D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FEET VEGETATION USED PER IFP CHECKLIST

PER AIRPORT MANAGER, NO ONE MONITORS THE NDB.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAU ARTCC, ZID ARTCC, IND APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	CFJ	24	CFJ		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	GPC	24	GPC	20.92	Y	52

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCFJ 800, KGPC 827
RA = 51.8.



AIRPORT ID
CFJ

PROCEDURE NAME
NDB RWY 5

AMDT NO.
7

CITY
CRAWFORDSVILLE

STATE
IN

AIRPORT ELEVATION
800

FACILITY
CFJ

PRIMARY NAVAID
CFJ NDB

MONITOR POINT
NONE

HRS OPERATION
24

CAT
3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW05 - REIL (PCL), MIRL (PCL), PAPI-4L	NPI-F	
RW23 - REIL (PCL), MIRL (PCL), PAPI-4L	NPI-F	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.00

40.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

3000 FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	NDB
34:1	
833 TREE (18-075274) 395802.9700N/0865551.5200W (11.1)	887 TREE (18-075437) 395751.6700N/0865610.8800W (10.29)
835 TREE (18-044293) 395801.5600N/0865551.9600W (9.34)	828 TREE (18-044252) 395803.2200N/0865550.2000W (8.71)
828 TREE (18-075337) 395800.3300N/0865546.7700W (7.75)	878 TREE (18-075421) 395751.8300N/0865608.3800W (5.53)
879 TREE (18-046224) 395751.5300N/0865608.6400W (5.47)	828 TREE (18-044277) 395759.1500N/0865547.2900W (4.37)
822 TREE (18-044250) 395800.4400N/0865545.3800W (4.16)	824 TREE (18-044273) 395800.2800N/0865547.0500W (3.21)
866 TREE (18-046094) 395751.0500N/0865601.8100W (2.08)	877 TREE (18-044094) 395750.6100N/0865608.6200W (1.5)
826 TREE (18-075290) 395801.4100N/0865551.6400W (0.52)	

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	FACILITY	TO 1000FT POINT	7.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	4.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	039.74
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	FACILITY	TO 1500FT POINT	7.00
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	4.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	039.74
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN) 395808.72N/0865539.95W
ARP COORDINATES 395828.65N/0865515.87W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 5 DISTANCE 0.45 NM
FAF COORDINATES
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (BARBARA GORMAN)	AJV-A432	08/06/2025	AERONAUTICAL INFORMATION SPECIALIST

