

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> FWA	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 5	<u>ORIGINAL/AMENDMENT</u> 21	<u>CITY</u> FORT WAYNE	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 815	<u>TDZE</u> 815	<u>SUPERSEDED</u> VOR OR TACAN RWY 5	<u>ORIGINAL/AMENDMENT</u> 20B	<u>DATED</u> 05/23/2019
<u>FACILITY</u> FWA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 05/14/2026	<u>MAG VAR</u> 6W
				<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>
FWA VORTAC		ACISA/12.50 DME/RADAR					234.00	12.50	3000
ACISA/12.50 DME/RADAR	IF/IAF	TUCUT/6.50 DME/RADAR					054.00 (FWA R-234)	6.00	2500

MISSED APPROACH

MAP:

4.71 NM AFTER TUCUT/6.50 DME/RADAR OR AT VONYU/1.79 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 ON FWA R-134 TO OSBER/22.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW ACISA/12.50 DME/RADAR, RT, 054.00 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 10000.
- FAC:** 054.00 **FAF:** TUCUT/6.50 DME/RADAR **DIST FAF TO MAP:** 4.71 **DIST FAF TO THLD:** 5.01
- MIN ALT:** ACISA/12.50 DME/RADAR 3000, TUCUT/6.50 DME/RADAR 2500
- MSA FROM:** FWA VORTAC 2700

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 198 CW 285.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-5 CATS C/D/E VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 314.02 INBOUND.
CHART FAS OBST: 1010 TOWER (18-028813) 405459N/0851730W.
CHART VDP AT 2.87 DME.
DISTANCE VDP TO THLD 1.38 NM.
FAC CROSSES RWY C/L EXTENDED 1822 FT FROM THLD.
TUCUT TO RW05: 3.07/55.



MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-05	1320	2400	505	1320	2400	505	1320	5500	505	1320	5500	505	1320	5500	505	1320
CIRCLING	1320	1	505	1320	1	505	1360	1 1/2	545	1520	2 1/4	705	1520	2 1/2	705	1520

CHANGES - REASONS

1. TERMINAL ROUTES: ACISA TO TUCUT MOVED "(FWA R-234)" FROM DISTANCE TO COURSE COLUMN - IAW 8260.9K 8-6-4.
2. MISSED APPROACH: MAP UPDATED FROM "5.01 NM AFTER TUCUT/FWA 6.50 DME/RADAR OR AT VONYU/1.49 DME" TO "4.71 NM AFTER TUCUT/6.50 DME/RADAR OR AT VONYU/1.79 DME" - MAP MOVED 0.30 NM SOUTHWEST.
3. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMBING RIGHT TURN TO 3000 ON FWA VORTAC R-134 TO OSBER INT/FWA 22.00 DME AND HOLD" TO "CLIMBING RIGHT TURN TO 3000 ON FWA R-134 TO OSBER/22.00 DME AND HOLD" - MIE VOR/DME, VOR MON.
4. PROFILE LINE 3: DIST FAF TO MAP UPDATED FROM "5.01" TO "4.71" - MAP MOVED 0.30 NM SOUTHWEST.
5. EQUIPMENT REQUIREMENT NOTES: UPDATED FROM "DME OR RADAR REQUIRED" TO "DME REQUIRED" - IAW 8360.19K 8-6-9.
6. NOTES: UPDATED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 198 CW 294" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 198 CW 285" - UPDATED AIRWAY AT FWA VORTAC.
7. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "996 POWERLINE 405541N/0851450W" TO "1010 TOWER (18-028813) 405459N/0851730W" - NEW CONTROLLING OBSTACLE.
9. ADDITIONAL FLIGHT DATA: UPDATED FROM "FAC CROSSES RWY C/L EXTENDED 1826 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 1822 FT FROM THLD" - UPDATED CALCULATION.
10. ADDITIONAL FLIGHT DATA: REMOVED "CHART: ASR" - NOT REQUIRED.

03/05/26: THIS IS AN UPDATED COPY OF THE FORMS DEVELOPED ON 10/30/25.

1. REQUIRED EFFECTIVE DATE CHANGED TO 05/14/2026.
2. FLIGHT CHECKED BY CHANGED TO PENDING.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZAU, FWA APP CON, FWA ATCT, ARPT MGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

RAKE MCGRAW

Mar 06, 2026

OFFICE

DATE

DEVELOPED BY

DANIEL WESTON

Digitally signed by

RAKE MCGRAW

Mar 06, 2026

OFFICE

AJV-A422

DATE

10/30/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Mar 06, 2026

OFFICE

AJV-A422

DATE

TITLE

MANAGER



AIRPORT ID
FWA

PROCEDURE NAME
VOR OR TACAN RWY 5

AMDT NO.
21

CITY
FORT WAYNE

STATE
IN

AIRPORT ELEVATION
815

FACILITY
FWA

FINAL

FROM
TUCUT/6.50 DME/RADAR

TO
4.71 NM AFTER TUCUT/6.50 DME/RADAR OR AT VONYU/1.79 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.01		4.71 NM AFTER TUCUT/6.50 DME/RADAR OR AT VONYU/1.79 DME	505	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (18-028813)	405458.98N/0851729.91W	1010	250	50	4D	250				XP60	1320

COMPUTATIONS

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

SEGMENT REMARKS:

XP TO MAINTAIN PUBLISHED MINS.

HOLD-IN-LIEU OF PT

FROM
ACISA/12.50 DME/RADAR

TO
P-8

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-8			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (18-001843)	403918.00N/0853723.00W	1397	500	50	5D	1000				AT603	3000
TERRAIN	403915.00N/0853757.00W	912 (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

FROM
4.71 NM AFTER TUCUT/6.50 DME/RADAR OR AT VONYU/1.79 DME

TO
OSBER/22.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1070

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (18-001340)	404615.00N/0845605.00W	1223	100	20	3C	1000					2300
TERRAIN	405612.00N/0850333.00W	915 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

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											
CONTROL_TOWER (18-002642)	405819.62N/0851115.84W	1.30	505	1000	20	3	1A	300		SI	1320
CATEGORY B											
CONTROL_TOWER (18-002642)	405819.62N/0851115.84W	1.83	505	1000	20	3	1A	250		SI	1320
CATEGORY C											
TOWER (18-001956)	405505.03N/0851127.48W	2.88	545	1049	20	3	1A	300			1360
CATEGORY D											
TOWER (18-001314)	405854.70N/0851640.70W	3.77	705	1169	500	50	5D	300		AC50	1520
CATEGORY E											
TOWER (18-001314)	405854.70N/0851640.70W	4.71	705	1169	500	50	5D	300		AC50	1520

CIRCLING REMARKS:



AIRPORT ID
FWA

PROCEDURE NAME
VOR OR TACAN RWY 5

AMDT NO.
21

CITY
FORT WAYNE

STATE
IN

AIRPORT ELEVATION
815

FACILITY
FWA

MSA

CENTER
FWA VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (18-000045)	410539.00N/0851049.00W	009	6.9	1648	250	50	4D	1000			2700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FWA APP CON, FWA TOWER, ZAU ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	FWA	24	FWA		Y	0

<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

KFWA HAS REDUNDANT WEATHER SOURCES ON FIELD; NO BACKUP ALTIMETER SETTING REQUIRED.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
FWA VORTAC	MOCC	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09	BSC-G	
RW27	BSC-G	
RW14 - HIRL, REIL, PAPI-4L	NPI-G	ROLL OUT
RW23 - REIL, HIRL, C/LINE, PAPI-4L	NPI-G	APPROACH, MIDPOINT, ROLL OUT
RW05 - ALSF-2, HIRL, C/LINE, TDZ	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW32 - MALSR, HIRL, PAPI-4L	PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	1822FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES



AIRPORT ID
FWA

PROCEDURE NAME
VOR OR TACAN RWY 5

AMDT NO.
21

CITY
FORT WAYNE

STATE
IN

AIRPORT ELEVATION
815

FACILITY
FWA

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT TREES USED PER FPT.

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	THLD	TO 1000FT POINT	3.01
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.45
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	048.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.81
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.63
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	048.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)

405745.67N/0851245.69W

ARP COORDINATES

405842.50N/0851142.60W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 5 DISTANCE 1.24 NM

FAF COORDINATES

405423.37N/0851739.23W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

DANIEL WESTON

OFFICE

AJV-A422

DATE

10/30/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST40

