

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</u> FORT WAYNE INTL	<u>AIRPORT ID</u> KFWA	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 14	<u>ORIGINAL/AMENDMENT</u> 17A	<u>CITY</u> FORT WAYNE	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 815	<u>TDZE</u> 802	<u>SUPERSEDED</u> VOR OR TACAN RWY 14	<u>ORIGINAL/AMENDMENT</u> 17	<u>DATED</u> 07/02/2009	<u>MAG VAR</u> 6W
<u>FACILITY</u> FWA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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		KABDE/12.00 DME/RADAR					324.90	12.00	3000
KABDE/12.00 DME/RADAR	IF/IAF	WAINE/5.90 DME/RADAR					144.90	6.10 (FWA R-325)	2400

MISSED APPROACH

MAP:

4.29 NM AFTER WAINE/FWA 5.90 DME/RADAR OR AT NOYIS/1.61 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON FWA R-134 TO OSBER INT/FWA 22.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- 1. PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2.** HOLD NW KABDE/12.00 DME/RADAR, RT, 144.90 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 10000.
- 3. FAC:** 144.90 **FAF:** WAINE/5.90 DME/RADAR **DIST FAF TO MAP:** 4.29 **DIST FAF TO THLD:** 4.78
- 4. MIN ALT:** KABDE/12.00 DME/RADAR 3000, WAINE/5.90 DME/RADAR 2400
- 8. MSA FROM:** FWA VORTAC 2700

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 285 CW 022.



ADDITIONAL FLIGHT DATA:

WAINE TO RW14: 3.05/53
CHART: ASR.
CHART CIRCLING ICON.
CHART VDP AT 2.46 DME
DISTANCE VDP TO THLD 1.34 NM
CHART FAS OBST: 953 TOWER 410153N/0851516W.
CHART 1050 TOWER 410228N/0851725W.
FAC CROSSES RWY C/L EXTENDED 3003 FT FROM THLD.
HOLD SE, LT, 314.02 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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-14	1280	1	478	1280	1	478	1280	1 3/8	478	1280	1 1/2	478	1280	1 3/4	478
CIRCLING	1300	1	485	1300	1	485	1360	1 1/2	545	1520	2 1/4	705	1520	2 1/2	705

CHANGES - REASONS

- NOTE "DME OR RADAR REQUIRED" MOVED TO EQUIPMENT REQUIREMENTS NOTE - IAW 8260.19H PARA 8-6-8.
- ADDED SIX DEGREES TO FWA VORTAC PUBLISHED HEADINGS, COURSES AND RADIALS - FWA VORTAC MAG VAR UPDATED FROM E00/1965 TO W06/2020.
- S-14 CAT C VISIBILITY CHANGED FROM 1 1/4 TO 1 3/8 - IAW 8260.3D TABLE 3-3-1 MINIMUM VISIBILITY MINIMUMS.
- CIRCLING CAT A/B HAA CHANGED FROM 486 TO 485, CAT C CMDA CHANGED FROM 1300 TO 1360, HAA CHANGED FROM 486 TO 545, CAT D CMDA CHANGED FROM 1380 TO 1520, HAA CHANGED FROM 566 TO 705, VISIBILITY CHANGED FROM 2 TO 2 1/4, CAT E HAA CHANGED FROM 706 TO 705 - APPLIED NEW CIRCLING CRITERIA, AIRPORT ELEVATION CHANGED FROM 814 TO 815, OBSTACLES UPDATED TO MATCH ILS OR LOC RWY 5, AMDT 15B.
- ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA - APPLIED NEW CIRCLING CRITERIA.
- CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 VIA FWA R-128 TO OSBER INT/FWA 22 DME AND HOLD" TO "CLIMB TO 3000 ON FWA R-134 TO OSBER INT/FWA 22 DME AND HOLD" - IAW 8260.19H PARA 8-6-6 D FORMAT, FWA MAG VAR UPDATE.
- UPDATED ALTERNATE MINIMUMS TO INCLUDE CEILING AND VISIBILITY (800-2 1/4) FOR CAT D AIRCRAFT - IAW 8260.3D, PARA 3-4-1.
- CHANGED IN TERMINAL ROUTES KABDE TO WAINE COURSE GUIDANCE RADIAL FROM 319 TO 325 - FWA VORTAC MAG VAR UPDATED FROM E00/1965 TO W06/2020.
- ADDED PLANVIEW NOTE PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 285 CW 022 - COURSE CHANGE EXCEEDS 120 DEGREES.
- ADDED MAX HOLDING 10000 AT KABDE - IAW 8260.19H 8-6-7. B (2) REQUIRED WHEN A HOLD-IN LIEU OF PROCEDURE TURN IS USED.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAU, FWA APP CON, FWA ATCT, ARPT MGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018.

DEVELOPED BY

GEORGETTE P. BARNETT

APPROVED BY

JULIE MORGAN

Digitally signed by
GEORGETTE P BARNETT
Oct 24, 2018

OFFICE

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

DATE

09/13/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Nov 21, 2018

Digitally signed by
ROBERT G HAMILTON
Nov 21, 2018

TITLE
MANAGER

