

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
PIA	VOR Z OR TACAN Z RWY 31	10	PEORIA	IL		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
661	650	VOR/DME OR TACAN RWY 31	9A	03/26/2020	4E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
PIA TACAN		26 DECEMBER 2024	ROUTINE			

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>
PIA VORTAC		FISHR/11.10 DME	FAF/IAF				101.48	11.10	2800

MISSED APPROACH

MAP:

RW31 OR AT 5.12 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.
(TACAN AIRCRAFT CONTINUE ON PIA VORTAC R-269 TO LOGOS/PIA VORTAC 17.45 DME AND HOLD W, RT, 089.25 INBOUND).

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	L	SIDE OF COURSE	101.48	OUTBOUND	2800	FT WITHIN	10	MILES OF	FISHR/11.10 DME (IAF)
2.									
3. FAC:	281.48	FAF:	FISHR/11.10 DME			DIST FAF TO MAP:		DIST FAF TO THLD:	5.97
4. MIN ALT:	FISHR/11.10 DME 2600, WELOT/8.59 DME 1800								
8. MSA FROM:	PIA VORTAC 180-360 2300, 360-180 2800								

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 31 NA AT NIGHT. CIRCLING RWY 13 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING: INCREASE ALL MDAS 100 FEET AND CIRCLING VISIBILITY CAT C/D 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 095.00 INBOUND.
CHART FAS OBST: 784 TOWER (17-003583) 403759N/0893943W.
893 AAO 403903N/0893551W.
FISHR TO RW31: 3.00/55.
CHART CIRCLING ICON.



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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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-31	1040	5500	390	1040	5500	390	1040	6000	390	1040	6000	390			
CIRCLING	1160	1	499	1160	1	499	1180	1 1/2	519	1400	2 1/4	739			

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FROM FISHR/11.00 DME TO FISHR/11.10 DME - FAF RELOCATED PER GPA/TCH TO ALIGN WITH FAC.
2. TERMINAL ROUTES: CHANGED FEEDER SEGMENT DISTANCE FROM 11.00 TO 11.10 - FAF RELOCATED PER GPA/TCH TO ALIGN WITH FAC.
3. CHANGED MAP FROM "RW31/5.13 DME" TO "RW31 OR AT 5.12 DME" - PER CURRENT CRITERIA STANDARD DOCUMENTATION.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2800 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800. (TACAN AIRCRAFT CONTINUE VIA PIA VORTAC R-269 TO LOGOS INT/PIA VORTAC 17.45 DME AND HOLD W, RT, 089.25 INBOUND)" TO "CLIMB TO 2800 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800. (TACAN AIRCRAFT CONTINUE ON PIA VORTAC R-269 TO LOGOS/PIA VORTAC 17.45 DME AND HOLD W, RT, 089.25 INBOUND)" - LOGOS IS DME ONLY.
5. PROFILE LINE 1: CHANGED FROM FISHR TO FISHR/11.10 DME - PER CURRENT CRITERIA STANDARD DOCUMENTATION.
6. PROFILE LINE 3: CHANGED FROM FISHR TO FISHR/11.10 DME - PER CURRENT CRITERIA STANDARD DOCUMENTATION.
7. PROFILE LINE 3: CHANGED DIST FAF TO THLD FROM 5.87 TO 5.97 - FAF RELOCATED PER GPA/TCH TO ALIGN WITH FAC.
8. PROFILE LINE 4: CHANGED FROM "FISHR 2600, WELOT/8.41 DME 1760" TO "FISHR/11.10 DME 2600, WELOT/8.59 DME 1800" - PER CURRENT CRITERIA STANDARD DOCUMENTATION, SDF RELOCATED PER GPA/TCH TO ALIGN WITH FAC AND ALTITUDE RAISED PER ATC REQUEST.
9. EQUIPMENT REQUIREMENT NOTES: ADDED "DME REQUIRED" - PER 8260.19J, 8-6-9A(2)(A).
10. CHANGED CHART NOTE FROM "IF LOCAL ALTIMETER SETTING NOT AVAILABLE, USE LOGAN COUNTY AL TIMETER SETTING AND INCREASE ALL MDAS 100 FEET" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING: INCREASE ALL MDAS 100 FEET AND CIRCLING VISIBILITY CAT C/D 1/2 SM" - PER 8260.19I, PARA 8-6-9(F)(NOTE 2)(4).
11. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "771 TANK 403817N/0893950W" TO "784 TOWER (17-003583) 403759N/0893943W" - NEW CONTROLLING OBSTACLE.
12. ADDITIONAL FLIGHT DATA: CHANGED 7:1 OBSTACLE FROM "1349 TOWER 403747N/0893412W" TO "893 AAO 403903N/0893551W" - NEW TERRAIN EVALUATION.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM "FISHR TO RW31: 3.05/55" TO "FISHR TO RW31: 3.00/55" - USED 3.00 GPA PER ATC CHECKLIST REQUEST.
14. ADDITIONAL FLIGHT DATA: REMOVED "CHART: ASR" - NO LONGER REQUIRED.
15. ALTERNATE MINIMUMS: CHANGED FROM "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - BASED ON 8260.3E, CHAPTER 3 VISIBILITY.
16. CHANGED S-31 CATS A AND B VISIBILITY FROM RVR 5000 TO RVR 5500 AND CAT C VISIBILITY FROM RVR 5000 TO RVR 6000 - BASED ON 8260.3E, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
17. CHANGED CIRCLING CAT D VISIBILITY FROM 2 SM TO 2 1/4 SM - BASED ON 8260.3E, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
18. CHANGES FROM P-NOTAM FOR AMDT 9A INCORPORATED INTO FORM - REQUIRED IAW 8260.19J, 8-3-4C(3).
19. PROCEDURE NAME CHANGED FROM "VOR OR TACAN RWY 31" TO "VOR Z OR TACAN Z RWY 31" - MULTIPLE VOR OR TACAN PROCEDURES EXIST.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: PIA ATCT, PIA APP CON, ZAU, AMGR

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by
CASIMIR L TABAKA
Oct 21, 2024

OFFICE

FPO

DATE

10-10-2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by
JOSEPH L ZEDER
Aug 28, 2024

OFFICE

AJV-A432

DATE

06/11/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
JOSEPH L ZEDER
Aug 28, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER

QUALITY
10
CHECKED