

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR 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>		
JER	VOR-A	3B	JEROME	ID		
<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SUPERSEDED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>
4053		VOR-A	3A	07/11/2024	18E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
TWF			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>
TWF VORTAC	IF/IAF	RARAC/9.20 DME					346.02	9.20	5700

**MISSED APPROACH**

**MAP:**

QAGDO/14.20 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 8200 DIRECT TWF VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD 8200.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- |              |   |                     |                  |          |                   |
|--------------|---|---------------------|------------------|----------|-------------------|
| 1. PT        | SIDE OF COURSE  | OUTBOUND            | FT WITHIN        | MILES OF | (IAF)             |
| 2.           | HOLD S TWF VORTAC, LT, 346.02 INBOUND, 8000 FT. IN LIEU OF PT (IAF), MAX 17500. |                     |                  |          |                   |
| 3. FAC:      | 346.02  | FAF: RARAC/9.20 DME | DIST FAF TO MAP: |          | DIST FAF TO THLD: |
| 4. MIN ALT:  | TWF VORTAC 8000, RARAC/9.20 DME 5700  |                     |                  |          |                   |
| 8. MSA FROM: | TWF VORTAC 070-160 9300, 160-250 8600, 250-070 6100                             |                     |                  |          |                   |

**PBN REQUIREMENTS NOTE:**

DME REQUIRED

**NOTES:**

CHART NOTE: CIRCLING TO RWY 27 NA AT NIGHT.  
CHART PLANVIEW NOTE: NO PT FOR ARRIVALS ON TWF VORTAC AIRWAY RADIALS 097 CW 191.  
CHART NOTE: CIRCLING NA NORTH OF RWY 9-27.

**ADDITIONAL FLIGHT DATA:**

FAC CROSSES RWY 9-27 AT RWY 9 THLD.  
CHART CIRCLING ICON  
CHART FAS OBST: 4187 TERRAIN (16-060346) 424328N/1142535W.



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
CIRCLING	4740	1	687	4740	1	687	4740	1 1/2	687	4740	2 1/4	687			

CHANGES - REASONS

-AMENDED CIRCLING MINIMUMS FROM "CAT A MDA 4540/HAA 487, CAT B MDA 4580/HAA 527, CAT C MDA 4580/HAA 527 VIS 1 1/2 SM, CAT D 4620/HAA 567 VIS 2 SM" TO "ALL CATS MDA 4740/HAA 687, CAT C VIS 2 SM AND CAT D VIS 2 1/4 SM" - NEW CONTROLLING OBSTACLE.  
-ADDED CHART NOTE: "CIRCLING TO RWY 27 NA AT NIGHT." - DUE TO 20:1 UNLIT PENETRATIONS  
-CHANGED ADDITIONAL FLIGHT DATA: FROM "CHART FAS OBST: 4175 AG\_EQUIP (16-020639) 424329N/1142547W" TO "CHART FAS OBST 4187 TERRAIN (16-060346) 424328N/1142535W" - NEW EVALUATION AND 8260.19J, 8-6-11(C).  
-INCREASED CIH AT TWF VORTAC MISSED APPROACH MINIMUM HOLDING ALTITUDE FROM 8000 TO 8200. - TO ALLOW FOR CONTROLLED AIRSPACE CONTAINMENT.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC, AMGR, TWF APP CON

FLIGHT CHECKED BY

JAMES M MEEK

Digitally signed by  
ROBERT G HAMILTON  
May 28, 2025

OFFICE  
AJF

DATE  
05/20/2025

DEVELOPED BY

TROY PURNELL

Digitally signed by  
TROY PURNELL  
Apr 24, 2025

OFFICE  
AJV-A433

DATE  
04/24/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by  
ROBERT G HAMILTON  
May 28, 2025

OFFICE  
AJV-A433

DATE

TITLE  
MANAGER



# FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
JER	VOR-A	3B	JEROME	ID	4053	TWF

## PART A: OBSTRUCTION DATA SEGMENTS

### INTERMEDIATE

**FROM** TWF VORTAC (IF/IAF) **TO** RARAC/9.20 DME

<u>RNP</u>	<u>DISTANCE</u> 9.20	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
<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>
AAO	422906.00N/1143445.00W	4390	164	98	4E	500				SA-1 AC98	5000
TERRAIN	422909.00N/1143442.00W	4187 (4200)								AS1500	5700

### COMPUTATIONS

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

### SEGMENT REMARKS:

### FINAL

**FROM** RARAC/TWF 9.20 DME **TO** QAGDO/14.20 DME

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u> QAGDO/14.20 DME				<u>HAT</u>	<u>HMAS</u>			
<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>
TERRAIN (16-060346)	424327.53N/1142534.74W	4187	20	3	1A	250				MA310 SA-7	4740

### COMPUTATIONS

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

### SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

TWF VORTAC

TO

P-8

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-8	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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>
AAO	421624.00N/1142609.00W	6359	164	98	4E	1000				AT641	8000
TERRAIN	421624.00N/1142609.00W	6159 (6200)								AS1500	7700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

QAGDO/14.20 DME

TO

TWF VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
							4330				
<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>
ANTENNA (16-059856)	424348.46N/1142509.28W	4625	20	3	1A		ASC				8200
AAO	422733.00N/1143909.00W	4682				1000					5700
TERRAIN	422744.41N/1143720.87W	4379 (4400)								AS1500	5900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID  
JER

PROCEDURE NAME  
VOR-A

AMDT NO.  
3B

CITY  
JEROME

STATE  
ID

AIRPORT ELEVATION  
4053

FACILITY  
TWF

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											
TERRAIN (16-060122)	424330.28N/1142459.89W	1.37	687	4227	20	3	1A	300		SI	4740
CATEGORY B											
TREE (16-059709)	424314.81N/1142447.06W	1.96	687	4268	20	3	1A	300		SI	4740
CATEGORY C											
TREE (16-059709)	424314.81N/1142447.06W	3.09	687	4268	20	3	1A	300		SI	4740
CATEGORY D											
TREE (16-059709)	424314.81N/1142447.06W	4.05	687	4268	20	3	1A	300		SI	4740

CIRCLING REMARKS:

MSA

CENTER	RADIUS
TWF VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
070-160	AAO	420715.00N/1141306.00W	132	24.6	8222	164	98	4E	1000			9300
160-250	AAO	420509.00N/1145103.00W	196	28.6	7586	164	98	4E	1000			8600
250-070	WINDMILL (16-020287)	422730.64N/1140105.00W			5010	500	50	5D	1000			6100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

USED 50' VEGETATION PER WESTERN FPT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZLC ARTCC, TWF APP CON, BOI FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	JER	24	JER	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	TWF	24	TWF	14.77	Y	49

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KJER 4053, KTWF 4153  
RA = 48.02.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
TWF VORTAC	SLC MCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MIRL (PCL), PAPI-4L	NPI-G	
RW27 - MIRL (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RW27
20:1	
4065 TERRAIN (16-059688) 424332.6300N/1142645.4000W (0.29)	4065 TERRAIN (16-059778) 424333.0300N/1142645.2600W (0.13)
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 IS CIRCLING ONLY.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TWF ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND VISIBILITY CAT C/D 1/4 SM.

USED 50' VEGETATION PER WESTERN 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	FACILITY	TO 1000FT POINT	10.87
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.09
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	004.02
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	4164
DISTANCE FROM	FACILITY	TO 1500FT POINT	9.20
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.92
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	004.02
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	4164

THRESHOLD COORDINATES (IF STR-IN)	
ARP COORDINATES	424336.06N/1142723.93W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 9 DISTANCE 0.41 NM
FAF COORDINATES	423758.22N/1142829.58W
FIX NAME COORDINATES	

REMARKS  
NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TROY PURNELL	AJV-A433	04/24/2025	AERONAUTICAL INFORMATION SPECIALIST

