

**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> MWH	<u>PROCEDURE NAME</u> VOR RWY 4	<u>ORIGINAL/AMENDMENT</u> 6D	<u>CITY</u> MOSES LAKE	<u>STATE</u> WA
<u>AIRPORT ELEVATION</u> 1189	<u>TDZE</u> 1189	<u>SUPERSEDED</u> VOR RWY 4	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 18E
<u>FACILITY</u> MWH	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
				<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>
EPH VORTAC		TAUNT INT/MWH 5.71 DME/RADAR					157.00	14.22	3500
MWH VOR/DME		TAUNT INT/MWH 5.71 DME/RADAR					204.99	5.71	3400

MISSED APPROACH

MAP:

4.64 NM AFTER TAUNT INT/MWH 5.71 DME/RADAR OR AT MWH 1.07 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4000 ON MWH VOR/DME R-054 TO BATUM INT/MWH 9.84 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 204.99 OUTBOUND 3000 FT WITHIN 10 MILES OF TAUNT INT/MWH 5.71 DME/RADAR (IAF)
-
- FAC: 024.99 FAF: TAUNT INT/MWH 5.71 DME/RADAR DIST FAF TO MAP: 4.64 DIST FAF TO THLD: 4.64
- MIN ALT: TAUNT INT/MWH 5.71 DME/RADAR 2700
- MSA FROM: MWH VOR/DME 030-160 3300, 160-250 3900, 250-030 4200

NOTES:

CHART NOTE: CIRCLING RWY 9, 27, 18, 36 NA AT NIGHT.
CHART NOTE: VDP NA WHEN USING EPH ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPH ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND S-04 VISIBILITY CATS C/D 1/8 SM, AND CIRCLING VISIBILITY CAT D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 234.23 INBOUND.
FAS OBST: 1365 AAO 470857N/1192524W.
CHART VDP AT 2.26 DME.
DISTANCE VDP TO THLD 1.20 NM.
FAC CROSSES RWY C/L EXTENDED 3013 FT FROM THLD.
TAUNT INT TO RW04: 2.97/50.



MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-04	1620	1	431	1620	1	431	1620	1 1/4	431	1620	1 1/4	431				
CIRCLING	1680	1	491	1680	1	491	1720	1 1/2	531	1840	2	651				

CHANGES - REASONS

1. INCREASED CIRCLING CAT C MDA/HAA FROM 1680/491 TO 1720/531; CAT D FROM 1820/631 TO 1840/651. - NEW CONTROLLING OBSTACLE; TO REMOVE NOTAM 5/8077.
2. ADDED "CONTINUE CLIMB-IN-HOLD TO 4000" TO MISSED APPROACH INSTRUCTIONS. - CLIMB-IN-HOLD REQUIRED.
3. LINE 8: UPDATED MSA ALTITUDES: 160-250 FROM 3800 TO 3900, 250-030 FROM 4100 TO 4200. - NEW OBSTACLE EVALUATION.
4. ADDED CHART NOTE: CIRCLING RWY 9, 27, 18, 36 NA AT NIGHT. - NO SURVEY.
5. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPH ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND S-04 VISIBILITY CATS C/D 1/8 SM, AND CIRCLING VISIBILITY CAT D 1/4 SM. - WESTERN FPT REQUIREMENT.
6. CHART NOTE: VDP NA WITH EPH ALTIMETER SETTING. - IAW 8260.19K 8-6-10 E(9).
7. UPDATED ADDITIONAL FLIGHT DATA: FAST OBST FROM 1305 TOWER 4 70948/1192142 TO 1365 AAO 470857N/1192524W. - NEW FINAL OBSTACLE.
8. ADDED CHART VDP AT 2.26 DME. DISTANCE VDP TO THLD 1.20 NM. - FINAL FACILITY HAS DME.
9. ADDED ADDITIONAL FLIGHT DATA: FAC CROSSES RWY C/L EXTENDED 3013 FT FROM THLD. - IAW 8260.19K 8-6-11 G(2).
10. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.19K 8-6-12B(4).

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZSE, MWH APP CON, MWH ATCT, AMGR

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by

CASIMIR L TABAKA

Jan 16, 2026

OFFICE

AJF

DATE

01/14/2026

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Jan 16, 2026

OFFICE

AJV-A432

DATE

08/22/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jan 16, 2026

OFFICE

AJV-A432

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u> MWH	<u>PROCEDURE NAME</u> VOR RWY 4	<u>AMDT NO.</u> 6D	<u>CITY</u> MOSES LAKE	<u>STATE</u> WA	<u>AIRPORT ELEVATION</u> 1189	<u>FACILITY</u> MWH
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER
FROM EPH VORTAC **TO** TAUNT INT/MWH 5.71 DME/RADAR

RNP DISTANCE PAT MAP HAT HMAS
 14.22

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	471111.00N/1192925.00W	1378	50	20	2C	2000				AT122	3500
TERRAIN	471111.00N/1192925.00W	1278 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER
FROM MWH VOR/DME **TO** TAUNT INT/MWH 5.71 DME/RADAR

RNP DISTANCE PAT MAP HAT HMAS
 5.71

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TWRS (48-0467)	470848.00N/1192142.00W	1365	20	3	1A	2000					3400
TERRAIN	470932.00N/1192532.00W	1179 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MWH

PROCEDURE NAME
VOR RWY 4

AMDT NO.
6D

CITY
MOSES LAKE

STATE
WA

AIRPORT ELEVATION
1189

FACILITY
MWH

INTERMEDIATE: PT

FROM
10 NM

TO
TAUNT INT/MWH 5.71 DME/RADAR

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
4.64

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	470529.00N/1192930.00W	1510	1000	3	6A	500				AT390	2700
TERRAIN	470529.00N/1192930.00W	1310 (1300)								AS1000	2300

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL

FROM
TAUNT INT/MWH 5.71 DME/RADAR

TO
4.64 NM AFTER TAUNT INT/MWH 5.71 DME/RADAR OR AT MWH 1.07 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
4.64 4.64 NM AFTER TAUNT INT/MWH 5.71 DME/RADAR OR AT MWH 1.07 DME 431

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	470857.00N/1192524.00W	1365	215	8	4B	250					1620

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MWH

PROCEDURE NAME
VOR RWY 4

AMDT NO.
6D

CITY
MOSES LAKE

STATE
WA

AIRPORT ELEVATION
1189

FACILITY
MWH

PROCEDURE TURN

FROM
TAUNT INT/MWH 5.71 DME/RADAR

TO
10 NM

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	465740.00N/1193710.00W	1960	1000	3	6A	1000					3000
TERRAIN	465740.00N/1193710.00W	1760 (1800)								AS1000	2800

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH

FROM
4.64 NM AFTER TAUNT INT/MWH 5.71 DME/RADAR OR AT MWH 1.07 DME

TO
BATUM INT/MWH 9.84 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1370

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	471242.00N/1190354.00W	1749	215	8	4B	1000					2800
TERRAIN	471242.00N/1190354.00W	1548 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
MWH

PROCEDURE NAME
VOR RWY 4

AMDT NO.
6D

CITY
MOSES LAKE

STATE
WA

AIRPORT ELEVATION
1189

FACILITY
MWH

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											
TANK (53-023470)	471017.00N/1191905.73W	1.31	491	1335	20	3	1A	300		XP40	1680
CATEGORY B											
TANK (53-023470)	471017.00N/1191905.73W	1.85	491	1335	20	3	1A	300		XP40	1680
CATEGORY C											
TOWER (53-000467)	470947.60N/1192141.50W	2.91	531	1361	250	50	4D	300		AC50	1720
CATEGORY D											
AAO	471457.00N/1191330.00W	3.80	651	1539	215	8	4B	300			1840

CIRCLING REMARKS:

XP TO MATCH CURRENT MINS, .

MSA

CENTER **RADIUS**
MWH VOR/DME 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
030-160	TOWER (53-000730)	472133.00N/1184204.00W	052	26.7	2245	500	50	5D	1000			3300
160-250	AAO	464824.00N/1193330.00W	184	26.2	2881	215	8	4B	1000			3900
250-030	AAO	472703.00N/1195600.00W	282	29.0	3196	215	8	4B	1000			4200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

KMWH MAG VAR NOT CHANGED PER FPT REQUEST (E18/1995, E14/2030).

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZSE ARTCC, MWH TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	MWH	24	MWH		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	EPH	24	EPH	10.03	Y	36

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMWH 1189, KEPH 1276
RA = 35.4.



AIRPORT ID
MWH

PROCEDURE NAME
VOR RWY 4

AMDT NO.
6D

CITY
MOSES LAKE

STATE
WA

AIRPORT ELEVATION
1189

FACILITY
MWH

PRIMARY NAVAID
MWH VOR/DME

MONITOR POINT
POCC

HRS OPERATION
24

CAT
1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09		
RW27		
RW14R	BSC-G	
RW18 - MIRL	BSC-G	
RW32L	BSC-G	
RW36 - MIRL	BSC-G	
01H	H-F	
02H	H-F	
RW04 - REIL (PCL), MIRL, PAPI-4L	NPI-G	
RW22 - MIRL, REIL, VASI-4L	NPI-G	
RW14L - HIRL, REIL, PAPI-4L (PCL)	PIR-G	
RW32R - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.00

49.3

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

3013 FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

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:

QUALITY
21
CHECKED

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO SURVEY DATA FOR RWYS 18/36, 9/27 - 20:1 AND 34:1 OBSTACLES ARE ASSUMED.

VEGETATION HEIGHT 50 FEET PER FPT.

BACK-UP ALTIMETER SOURCE MAINTAINED PER WESTERN FPT.

VDA/GPA NOT WITHIN VGSI TOLERANCES REQUIRING APPROVAL LETTER. THIS WILL BE ACCOMPLISHED ON NEXT FULL AMENDMENT. 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	2.97
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.40
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	42.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1200
DISTANCE FROM	THLD	TO 1500FT POINT	7.00
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	6.36
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	42.99
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1300

THRESHOLD COORDINATES (IF STR-IN)

471148.23N/1191958.53W

ARP COORDINATES

471230.90N/1191908.90W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 32R DISTANCE 1.15 NM

FAF COORDINATES

470828.45N/1192442.80W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

CASIMIR L. TABAKA (BARBARA GORMAN)

OFFICE

AJV-A432

DATE

08/22/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

