

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> KMLS	<u>PROCEDURE NAME</u> VOR RWY 4	<u>ORIGINAL/AMENDMENT</u> 14	<u>CITY</u> MILES CITY	<u>STATE</u> MT		
<u>AIRPORT ELEVATION</u> 2634	<u>TDZE</u> 2634	<u>SUPERSEDED</u> VOR RWY 4	<u>ORIGINAL/AMENDMENT</u> 13	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> MLS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> 01/27/2022	<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>

MISSED APPROACH

MAP:

3.14 NM AFTER MLS VOR/DME OR AT MLS 3.14 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4800. THEN CLIMBING LEFT TURN TO 6000 ON HEADING 210 AND MLS R-018 TO MLS VOR/DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 215.41 OUTBOUND 5000 FT WITHIN 10 MILES OF MLS VOR/DME (IAF)
2.
3. FAC: 035.41 FAF: MLS VOR/DME DIST FAF TO MAP: 3.14 DIST FAF TO THLD: 3.14
4. MIN ALT: MLS VOR/DME 3700
8. MSA FROM: MLS VOR/DME 4900

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GLENDIVE ALTIMETER SETTING AND INCREASE ALL MDA 180 FEET AND ALL CAT C AND D VISIBILITIES 1/2 SM.



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART (CFBDR) 461838.78N/1060316.14W
MLS VOR/DME TO RW4 3.08/40.0
HOLD SW, RT, 035.41 INBOUND.
CHART FAS OBST: 2794 ANTENNA (30-058868) 462443N/1055619W.
CHART VDP AT 1.92 DME
DISTANCE VDP TO THLD 1.21 NM.

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-4	3060	1	426	3060	1	426	3060	1 1/4	426	3060	1 1/4	426			
CIRCLING	3060	1	426	3100	1	466	3160	1 1/2	526	3320	2 1/4	686			

CHANGES - REASONS

1. MAP CHANGED FROM 3.35 DME TO 3.14 DME - THRESHOLD RELOCATED.
2. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 4800 ON MLS VOR/DME R-036 THEN CLIMBING LEFT TURN TO 6000 DIRECT MLS VOR/DME AND HOLD TO CLIMB TO CLIMB TO 4800 THEN CLIMBING LEFT TURN TO 6000 ON HEADING 210 AND MLS R-018 TO MLS VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. - POSITIVE COURSE GUIDANCE REQUIRED FOR CLIMB-IN-HOLD, CLIMB-IN-HOLD REQUIRED.
3. LINE 3: FAC CHANGED FROM 035.89 TO 035.41 - THRESHOLD RELOCATED.
4. LINE 3: DIST FAF TO MAP/THLD CHANGED FROM 3.35 TO 3.14 - THRESHOLD RELOCATED.
5. LINE 4: MIN ALT MLS VOR/DME CHANGED FROM 4000 TO 3700 - EXCESSIVE DESCENT GRADIENT/ALLOW FOR CAT D MINIMA.
6. DELETED PROFILE NOTE: VGSI AND DECENT ANGLES NOT COINCIDENT (VGSI ANGLE 3.00/TCH 40) - ANGLES NOW COINCIDENT.
7. CHANGED BACKUP ALTIMETER SETTING NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORSYTH ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, AND INCREASE S-4 CAT C VISIBILITY 1/4 MILE TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GLENDIVE ALTIMETER SETTING AND INCREASE ALL MDA 180 FEET AND ALL CAT C AND D VISIBILITIES 1/2 SM - BACKUP SOURCE CHANGED FROM FORSYTH, MT TO GLENDIVE, MT.
8. MISSED APPROACH HOLDING CHANGED FROM NE MLS VOR/DME 215.89 INBOUND TO SW MLS VOR/DME 035.41 INBOUND - REQUIRED CHANGE TO ALIGN WITH PT.
9. VDP CHANGED FROM 2.12 DME TO 1.92 DME - THRESHOLD RELOCATED/VDA LOWERED.
10. VDA LOWERED FROM 3.74 TO 3.08 - FAF ALTITUDE LOWERED FROM 4000 TO 3700.
11. S-4 HAT CHANGED FROM 431 TO 426 - TDZE CHANGED FROM 2629 TO 2634.
12. CIRCLING CAT A HAA LOWERED FROM 430 TO 426, CAT B HAA LOWERED FROM 470 TO 466 - AIRPORT ELEVATION CHANGED FROM 2630 TO 2634.
13. CIRCLING CAT C MDA/HAA INCREASED FROM 3120/490 TO 3160/526 - NEW CONTROLLING OBSTACLE/AIRPORT ELEVATION CHANGED FROM 2630 TO 2634.
14. CAT D MINIMUMS ADDED - FPT REQUEST.
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 - CAT D MINIMUMS ADDED.
16. ADDED FACF (CFBDR) TO ADDITIONAL FLIGHT DATA - REQUIRED FOR CODING.



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<u>COORDINATED WITH:</u> A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> ZLC, AMGR				
<u>FLIGHT CHECKED BY</u> PENDING		<i>Digitally signed by</i> JON DENTON Dec 15, 2021	<u>OFFICE</u> <u>OFFICE</u> AJV-A432	<u>DATE</u> <u>DATE</u> 10/29/2021
<u>DEVELOPED BY</u> RICHARD K. CLARK JR.	<i>Digitally signed by</i> RICHARD K CLARK-JR Nov 30, 2021	<i>Digitally signed by</i> JON DENTON Dec 15, 2021	<u>OFFICE</u> AJV-A430	<u>DATE</u>
<u>APPROVED BY</u> LONNIE EVERHART				<u>TITLE</u> MANAGER

