

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
COPTER VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.35

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.

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|----------------------------------|---|--|--|----------------------------|-----------------------|---------------------------|
| <u>AIRPORT ID</u> KHLN | <u>PROCEDURE NAME</u> COPTER VOR 258 | <u>ORIGINAL/AMENDMENT</u> ORIG-A | <u>CITY</u> HELENA | <u>STATE</u> MT | | |
| <u>AIRPORT ELEVATION</u> 3877 | <u>LANDING AREA ELEV</u> 3846 | <u>SUPERSEDED</u> COPTER VOR 254 | <u>ORIGINAL/AMENDMENT</u> ORIG | <u>DATED</u> 05/24/2018 | <u>MAG VAR</u> 12E | <u>EPOCH YEAR</u> 2025 |
| <u>FACILITY</u> HLN | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023 | <u>REQUIRED EFFECTIVE DATE</u> 02/23/2023 | <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:

1.40 NM AFTER HLN VORTAC OR AT WOSLA/HLN 1.40 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4700 THEN CLIMBING RIGHT TURN TO 8000 DIRECT HLN VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 075.00 OUTBOUND 6700 FT WITHIN 5 MILES OF HLN VORTAC (IAF)
2.
3. FAF: 258.22 FAF: HLN VORTAC DIST FAF TO MAP: 1.40 DIST FAF TO THLD: 1.40
4. MIN ALT: HLN VORTAC 4800
8. MSA FROM: HLN VORTAC 045-135 10200, 135-225 10700, 225-315 9800, 315-045 9200

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: 760 FT DESCENT GRADIENT MAY BE REQUIRED FOR PT OUTBOUND.
CHART PLANVIEW NOTE: DESIGNATED LANDING AREA AT WOSLA; INTERSECTION OF RWY 9-27 AND TAXIWAY G.
CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS. INCREASE TO 90 KIAS UPON REACHING THE HOLDING FIX.



ADDITIONAL FLIGHT DATA:

CHART 10500 MAXIMUM PRIOR TO HLN VORTAC IN PROFILE.
HOLD E, RT, 255.00 INBOUND.
CHART FAS OBST: 4054 TREE (30-042791) 463525N/1115914W.
FAC CROSSES INTERSECTION OF RWYS 9-27 AND TAXIWAY G.

MINIMUMS:

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

ALTERNATE: NA ☒

| CATEGORY: | COPTER | | | | | | | | | | | | | | |
|------------|--------|-----|-----|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|
| FINAL TYPE | DA/MDA | VIS | HAL | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| H-258 | 4320 | 1 | 474 | | NA | | | NA | | | NA | | | | |

CHANGES - REASONS

1. MAG/VAR AND EPOCH YEAR CHANGED FROM E16/1990 TO E12/2025 - MAG/VAR UPDATED PER FPT GENERATED PROJECT.
2. PROCEDURE NAME CHANGED FROM COPTER VOR 254 TO COPTER VOR 258 - MAG/VAR CHANGED 4 DEGREES.
3. MSA SECTOR 225-315 MIN ALTITUDE INCREASED FROM 9600 TO 9800 - MAP STUDY, OBSTACLE CHANGED FROM 8540 AAO TO 8797 AAO.
4. MSA SECTOR OBSTACLE BRG'S CHANGED: 045-135 SECTOR (1) FROM 081 TO 085; 135-225 SECTOR (2) FROM 159 TO 163; 225-315 SECTOR (3) FROM 273 TO 220; 315-045 SECTOR (4) FROM 011 TO 015 - SECTOR'S 1, 2, AND 4 DUE TO MAG/VAR CHANGE BY 4 DEGREES; SECTOR 3 DUE TO NEW CONTROLLING OBSTACLE AT NEW LOCATION.
5. FINAL COURSE CHANGED FROM 254 TO 258 - MAG/VAR CHANGE BY 4 DEGREES.
6. DELETED PLANVIEW NOTE "675 FT DESCENT GRADIENT REQUIRED FOR FINAL APPROACH" - NOT REQUIRED, DESCENT GRADIENT IS STANDARD (343).
7. PT ALTITUDE RAISED FROM 6500 TO 6700 - PREVIOUS PROCEDURE BUILT IN IAPA, TARGETS IDENTIFIES 230 PRECIP TERR ADJ REQUIRED.
8. PT OUTBOUND/INBOUND COURSES CHANGED FROM 071/251 TO 075/255 - MAG/VAR CHANGED 4 DEGREES.
9. MISSED APP HOLDING INBOUND/OUTBOUND CORSES CHANGED 251/071 TO 255/075 - MAG/VAR CHANGED 4 DEGREES.
10. UPDATED PT OUTBOUND PLANVIEW NOTE: CHANGED FROM "800 FT DESCENT GRADIENT MAY BE REQUIRED FOR PT OUTBOUND" TO "760 FT DESCENT GRADIENT MAY BE REQUIRED FOR PT OUTBOUND" - PT MANEUVERING ALTITUDE RAISED FROM 6500 TO 6700.
11. CHANGED FINAL AIRSPEED RESTRICTION FROM 90 KIAS TO 70 KIAS AND INCREASED VISIBILITY FROM 1/2 TO 1 SM - HELIPAD MARKINGS NOT COMPLETED AS PREVIOUSLY PROPOSED.
12. HAT CHANGED TO HAL - NO THRESHOLD OR TDZE EXIST AT LANDING AREA.
13. CHANGED MISSED AIRSPEED RESTRICTION FROM 90 TO 70 KIAS UNTIL ARRIVAL AT HOLDING - CONTINUE AIRSPEED RESTRICTION UNTIL REACHING HOLDING.

COORDINATED WITH:

A4A ☐ ALPA ☐ AOPA ☒ APA ☐ HAI ☒ NBAA ☒ OTHER: ZLC, HLN APP CON, HLN ATCT, APT MGR

| | | | | |
|--------------------------|----------------------------|---------------|-------------|--------------|
| FLIGHT CHECKED BY | <i>Digitally signed by</i> | OFFICE | DATE | |
| PENDING | JOHNNIE BAKER | | | |
| | Dec 22, 2022 | | | |
| DEVELOPED BY | <i>Digitally signed by</i> | OFFICE | DATE | |
| KELLY DEAN | JOHNNIE BAKER | AJV-A431 | 08/30/2022 | |
| | Dec 22, 2022 | | | |
| APPROVED BY | <i>Digitally signed by</i> | OFFICE | DATE | TITLE |
| JOHNNIE BAKER | JOHNNIE BAKER | AJV-A430 | | MANAGER |
| | Dec 22, 2022 | | | |

12/22/2022: THIS A CORRECTED COPY OF THE FORM APPROVED ON 11/01/2022.
CHANGED REQUIRED EFFECTIVE DATE FROM 12/29/2022 TO 02/23/2023.

