

ILS Z or LOC Z RWY 27
HELENA RGNL (HLN)

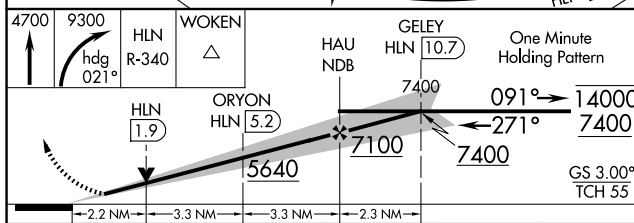
MISSED APPROACH: Climb to 4700 then climbing right turn to 9300 on heading 021° and on HLN VORTAC R-340 to WOKEN INT and hold, continue climb-in-hold to 9300.

#Missed approach requires minimum climb of 300 feet per NM to 6000; if unable to meet climb gradient, see ILS Y or LOC Y RWY 22.

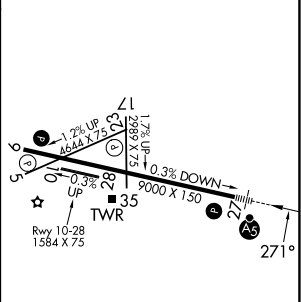
V Circling NA to Rwy 10 and 28. Circling Rwy 5, 23, 35 NA at night. Inop
A table does not apply to S-LOC 27 all Cats. For inop ALS, increase S-LS 27
***** Cat E visibility to ¾ mile, increase OROYN fix minimums: S-LOC 27 Cat C/
D/E visibility to 2 miles. Circling NA for Cats D and E south of Rwy 9-27.
-16°C Holding at HAU NDB authorized for Cat A and B aircraft only. * DME from
HIN VORTAC. DME use requires simultaneous reception of HIN and HIN DME.

This is a detailed aeronautical chart for the HAUSER area. The chart includes the following information:

- MISSED APCH FIX**: Located at the top left, with a frequency of 115.1 GTF and a channel of 98.
- WOKEN**: A fix located near the MISSED APCH FIX, with a frequency of R-206 and a channel of 124.
- HAUSER 386 HAU**: The primary station, located in the center of the chart.
- LOCALIZER 110.1 I-HLN**: A localizer station located to the west of HAUSER.
- HELENA 117.7 HLN Chan 124**: A station located south of HAUSER.
- ORION 5.2 HLN**: A station located east of HELENA.
- GELEY 10.7 HLN**: A station located east of ORION.
- YERUT 16.4 HLN**: A station located southeast of GELEY.
- Dookr 20 HLN**: A station located further southeast.
- JUVGO 22 HLN**: A station located further southeast.
- KEDEC 20 HLN**: A station located further southeast.
- NNORA 20 HLN**: A station located southwest of HAUSER.
- HUDVU 20 HLN**: A station located southwest of NNORA.
- CUSDA 20 HLN**: A station located northwest of HAUSER.
- PATRR 20 HLN**: A station located northeast of HAUSER.
- ZIMUM 20 HLN**: A station located northeast of PATRR.
- FEDER FACILITIES**: Indicated by a dashed line along the bottom left edge.
- ENROUTE FACILITIES**: Indicated by a dashed line along the bottom right edge.
- ELEV 3877**: Elevation of the HAUSER station.
- TDZE 3852**: Threshold Crossing Height of the HAUSER station.
- MSA HAU 25 NM**: Minimum Safe Altitude for the HAUSER area, with a radius of 25 NM.
- 11100 NoPT HLN 20 Arc**: A circle indicating a 11100 foot minimum safe altitude for non-precision approaches, with a radius of 20 nautical miles.
- 10200 NoPT HLN 20 Arc**: A circle indicating a 10200 foot minimum safe altitude for non-precision approaches, with a radius of 20 nautical miles.
- 10000 MSA**: Minimum Safe Altitude for the HAUSER area, with a radius of 25 NM.
- 10800 MSA**: Minimum Safe Altitude for the HAUSER area, with a radius of 25 NM.
- 117Z HLN**: A station located near the MISSED APCH FIX.
- R-340**, **R-012**, **R-062**, **R-179**, **R-212**, **R-107**, **R-098**, **R-091**: Various radial lines indicating bearings from the HAUSER station.
- HOLD 14000 7400**: Holding pattern information for the HAUSER station.
- 7400 to GELEY 271° (5.7)**, **7100 to NDB 271° (8)**, **9700 to NDB 094° (8.4)**: Holding pattern information for other stations.
- 1 min**: Time interval for the holding pattern.
- 091°**, **271°**, **091°**, **271°**: Bearing information for the holding patterns.
- LR-085**, **LR-098**: Localizer bearing information.
- 11100 NoPT HLN 20 Arc**, **10200 NoPT HLN 20 Arc**, **10000 MSA**, **10800 MSA**: Minimum safe altitude information for various areas.



CATEGORY	A	B	C	D	E
S-ILS 27#	4052-1/2 200 (200-1/2)				
S-LOC 27	5640-1 1/4 1788 (1800-1 1/4)	5640-1 1/2 1788 (1800-1 1/2)	5640-3	1788 (1800-3)	
CIRCLING	5640-1 1/4 1763 (1800-1 1/4)	5640-1 1/2 1763 (1800-1 1/2)	6000-3	2123 (2200-3)	
ORYON FIX MINIMUMS*					
S-LOC 27	4600-1/2 748 (800-1/2)	4600-3/4 748 (800-3/4)	4600-1 3/4	748 (800-1 3/4)	
CIRCLING	4640-1 763 (800-1)	4800-1 1/4 923 (1000-1 1/4)	6000-3	2123 (2200-3)	



REIL Rwy 9, 17 and 35 **L**
MIRL Rwy 5-23 and 17-35 **L**
HIRL Rwy 9-27 **L**

FAF to MAP 8.7 NM					
Knots	60	90	120	150	180
Min:Sec	8:42	5:48	4:21	3:29	2:54

NW-1, 30 OCT 2025 to 27 NOV 2025