

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

MISSED APPROACH

| FROM        | TO                     | COURSE AND DISTANCE | ALTITUDE | ILS: DA<br>LOC: 4.73 MILES AFTER PELLY LOM OR AT MWH 1.26 DME FIX                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|------------------------|---------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EPH VORTAC  | PELLY LOM/MWH 5.98 DME | 137.80 / 16.90      | 3700     | CLIMB TO 1800, THEN CLIMBING RIGHT TURN TO 4000 ON MWH R-054 TO BATUM INT/MWH 9.84 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000; OR AS DIRECTED BY ATC,<br><br>ALTERNATE MA: CLIMB TO 1800, THEN CLIMBING LEFT TURN TO 4000 DIRECT EPH VORTAC AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD NE, LT, 234.23 INBOUND.<br>CHART FAS OBST: 1191 OL BLDG 471124N/1191823W<br>CHART: 1290 TOWER 470657N/1191628W<br>CHART: ALTERNATE MA HOLDING, HOLD NW EPH VORTAC, LT, 135.00 INBOUND.<br>CHART IN PLANVIEW: (QOBGE) AT 470112.96N/1191346.83W. |
| MWH VOR/DME | PELLY LOM              | 145.30 / 5.98       | 3600     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WIPES INT   | PELLY LOM              | 182.81 / 19.12      | 4000     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BATUM INT   | PELLY LOM              | 203.27 / 11.62      | 3900     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RUBEL INT   | PELLY LOM              | 053.39 / 15.72      | 4000     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| QUINT INT   | PELLY LOM              | 084.08 / 26.62      | 4300     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PLUSS INT   | PELLY LOM              | 089.36 / 11.81      | 3600     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

- PT L SIDE OF COURSE 144.14 OUTBOUND 3300 FT WITHIN 10 MILES OF PELLY LOM (IAF)
- 
- FAC: 324.14 FAF: PELLY LOM DIST FAF TO MAP: 4.73 THLD: 4.73
- MIN. ALT: PELLY LOM 2800
- DIST TO THLD FROM OM: 4.73 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1051
- MIN GS INCPT: 2800 GS ALT AT: PELLY LOM OM: 2748 MM: - IM: -
- GS ANGLE: 3.00 TCH: 55.3
- MSA FROM: MW LOM 170-350 4200, 350-170 3300

MAG VAR: 18E

EPOCH YEAR: 1995

MINIMUMS

| TAKEOFF:        | SEE FAA FORM 8260-15A FOR THIS AIRPORT |      |         |        |      |         | ALTERNATE: N A |       | ILS: STANDARD # |        | LOC: STANDARD @ |         |        |     |         |
|-----------------|----------------------------------------|------|---------|--------|------|---------|----------------|-------|-----------------|--------|-----------------|---------|--------|-----|---------|
| CATEGORY =====> | A                                      |      |         | B      |      |         | C              |       |                 | D      |                 |         | E      |     |         |
|                 | DH/MDA                                 | VIS  | HAT/HAA | DH/MDA | VIS  | HAT/HAA | DH/MDA         | VIS   | HAT/HAA         | DH/MDA | VIS             | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| S-ILS 32R *     | 1367                                   | 2400 | 200     | 1367   | 2400 | 200     | 1367           | 2400  | 200             | 1367   | 2400            | 200     |        |     |         |
| S-LOC 32R       | 1440                                   | 2400 | 273     | 1440   | 2400 | 273     | 1440           | 2400  | 273             | 1440   | 4000            | 273     |        |     |         |
| CIRCLING        | 1680                                   | 1    | 491     | 1680   | 1    | 491     | 1680           | 1 1/2 | 491             | 1740   | 2               | 551     |        |     |         |

NOTES:  
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPHRATA ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET.  
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 32R CAT D VISIBILITY TO RVR 5000.  
(SEE FORM 8260-10)

# @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY  
7  
CHECKED

|                                  |                                                              |                                  |                                                                                              |                                       |
|----------------------------------|--------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|
| CITY AND STATE<br>MOSES LAKE, WA | ELEVATION: 1189 TDZE: 1167<br>AIRPORT NAME:<br>GRANT CO INTL | FACILITY<br>IDENTIFIER:<br>I-MWH | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>ILS OR LOC RWY 32R, AMDT 20B<br><b>20 OCT 2011</b> | SUP:<br>AMDT: 20A<br>DATED 04/10/2008 |
|----------------------------------|--------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|

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**NOTES, (CONT.):****CHART PROFILE NOTE: VGSJ AND ILS GLIDEPATH NOT COINCIDENT.****CHART NOTE: \*RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.**

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MOSES LAKE, WA

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