



GND CON  
127.25 335.5  
SILVERBOW TOWER ★  
124.75 257.95  
NELLIS CONTROL  
119.35 254.4

| Rwy  | Knots    | 60  | 120 | 180 | 240  | 300  | 360  |
|------|----------|-----|-----|-----|------|------|------|
| 14 ⓐ | V/V(fpm) | 205 | 410 | 615 | 820  | 1025 | 1230 |
| 32 ⓑ | V/V(fpm) | 260 | 520 | 780 | 1040 | 1300 | 1560 |
| 32 ⓒ | V/V(fpm) | 263 | 526 | 789 | 1052 | 1315 | 1578 |

MINIMUM CLIMB RATE  
ⓐ to 7500  
ⓑ to 5900  
ⓒ to 10,000

TONOPAH  
TPH  
L-9, H-3

10,000

8840

6500

5673

7498

6158

6500

321°

141°

For use by E/F/G and R (RNP 2.0)  
equipped A/C only.

GPS REQUIRED

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Climb heading 141°. When leaving 6500 turn left direct TPH VORTAC, cross TPH at or above 10,000.

TAKE-OFF RWY 32: Climb heading 321°. When leaving 6500 turn left direct TPH VORTAC, cross TPH at or above 10,000.

RANGE TWO (RNAV) DEPARTURE (RANGE2•TPH)

TONOPAH, NEVADA  
TONOPAH TEST RANGE (KTNX)

SW-4, 04 SEP 2025 to 02 OCT 2025

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