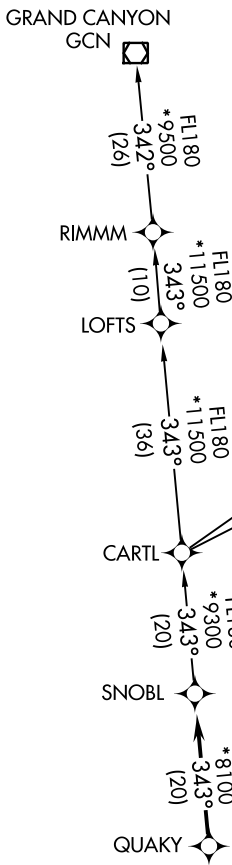


**TOP ALTITUDE:
ASSIGNED BY ATC**

ATIS	119.425
GND CON	118.0
GLENDALE TOWER*	121.0
LUKE DEP CON*	118.15 363.125
PHOENIX DEP CON	120.7 239.0



NOTE: RNAV 1.
 NOTE: Turbojets and turboprops only.
 NOTE: RADAR required.
 NOTE: GPS required.
 NOTE: JARPA TRANSITION ATC assigned only.
 NOTE: YOOPR TRANSITION ATC assigned only.
 NOTE: CARTL TRANSITION for FLG or PGA terminal arrivals only.
 NOTE: Aircraft departing KGEU and KGYR ATC assigned only.

TAKEOFF MINIMUMS
Rwys 1, 19: Standard.

TAKEOFF OBSTACLE NOTES

Rwy 1: Light on blast fence 4' from DER, 130' left of centerline, up to 10' AGL/1088' MSL. Trees beginning 124' from DER, left and right of centerline, up to 30' AGL/1104' MSL. Vehicles beginning 299' from DER, 80' right of centerline, up to 15' AGL/1091' MSL. Poles and trees beginning 400' from DER, 197' right of centerline, up to 75' AGL/1144' MSL.

Rwy 19: Trees beginning 281' from DER, 331' left of centerline, up to 33' AGL/1060' MSL.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 014° or as assigned by ATC, thence. . . .

TAKEOFF RUNWAY 19: Climb heading 200° or as assigned by ATC, thence. . . .

. . . . expect RADAR vectors to QUAKY, then on track 343° to SNOBL. Then on (transition), expect filed altitude 3 minutes after departure.

CARTL TRANSITION (SNOBL5.CARTL)
GRAND CANYON TRANSITION (SNOBL5.GCN)
JARPA TRANSITION (SNOBL5.JARPA)
RIMMM TRANSITION (SNOBL5.RIMMM)
YOOPR TRANSITION (SNOBL5.YOOPR)

NOTE: Chart not to scale.

SW-4, 09 NOV 2017 to 07 DEC 2017

SW-4, 09 NOV 2017 to 07 DEC 2017