

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation.
 Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RENO	NINE	RENO9.FMG	EIGHT	10 DEC 2015	04 FEB 2016

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 16L: CLIMB ON HEADING 164.11 AND I-RNO LOCALIZER SOUTH COURSE. THENCE...

TAKEOFF RWY 16R: CLIMB ON HEADING 164.12 AND I-RNO LOCALIZER SOUTH COURSE. THENCE...

TAKEOFF RWY 25: CLIMB HEADING 254.25 TO 5000 THEN CLIMBING RIGHT TURN HEADING 340.00. THENCE...

TAKEOFF RWY 34L/R: CLIMB HEADING 330.00 CW 360.00 AS ASSIGNED BY ATC. THENCE...

...ALL AIRCRAFT MAINTAIN FL190 OR ASSIGNED ALTITUDE. EXPECT CLEARANCE TO REQUESTED ALTITUDE 5 MINUTES AFTER DEPARTURE. EXPECT RADAR VECTORS TO ASSIGNED ROUTE/FIX.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS: RWY 7, NA-OBSTACLES.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 730 FT PER NM TO 10900, OR 600-1 ¼ WITH MINIMUM CLIMB OF 352 FT PER NM TO 10900.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 10900, OR 300-1 WITH MINIMUM CLIMB OF 395 FT PER NM TO 10900.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9700.

RWY 34L/R: STANDARD WITH MINIMUM CLIMB OF 480 FT PER NM TO 8700, OR 500-1 ½ WITH MINIMUM CLIMB OF 430 FT PER NM TO 8700.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 16L, MULTIPLE POLES, TREES, BUSHES, TERRAIN AND BUILDINGS WITH ANTENNAS AND CAMERAS BEGINNING 618 FEET FROM DER, 131 FEET LEFT OF CENTERLINE, UP TO 20 FEET AGL/ 4959 FEET MSL.

NOTE: RWY 16R, MULTIPLE TREES BEGINNING 2784 FEET FROM DER, 171 FEET RIGHT OF CENTERLINE, 20 FEET AGL/ 4510 FEET MSL. MULTIPLE TREES AND TERRAIN BEGINNING 746 FT FROM DER, 380 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/4723 FT MSL.

NOTE: RWY 25, MULTIPLE TREES, POLES, FENCE, AND VENT ON BUILDING BEGINNING 222 FT FROM DER, 201 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/4608 FT MSL. MULTIPLE TREES, POLES, AND SIGN BEGINNING 500 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/4506 FT MSL.

NOTE: RWY 34L, MULTIPLE TREES AND POLE BEGINNING 1229 FT FROM DER, 180 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/4498 FT MSL. MULTIPLE TREES BEGINNING 1193 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/ 4489 FT MSL.

NOTE: RWY 34R, MULTIPLE TREES AND POLES BEGINNING 1067 FT FROM DER, 172 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/ 4497 FT MSL. MULTIPLE TREE BEGINNING 1230 FT FROM DER, 350 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/4498 FT MSL. BUILDING 1.2 NM FROM DER, 1730 FT RIGHT OF CENTERLINE, 363 FT AGL/4780 FT MSL.

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CONTROLLING OBSTACLES:

RWY 16L: 4959 FT MSL BUSH 392822.98N/1194534.53W, 6378 FT MSL AAO 392202.42N/1194724.02W, 7279 FT MSL AAO 391548.39N/1194319.35W.
RWY 16R: 4723 FT MSL BUSH 392745.60N/1194539.68W, 7279 FT MSL AAO 391504.83N/1194317.40W, 6378 FT AAO 392202.42N/1194724.02W.
RWY 25: 7239 FT MSL AAO 393440.53N/1195429.66W.
RWY 34L: 6367 FT MSL AAO 393903.03N/1194608.77W, 4780 FT MSL BUILDING 393200.00N/1194538.00W, 5679 FT MSL AAO 393503.01N/1194754.60W.
RWY 34R: 6367 FT MSL AAO 393903.03N/1194608.77W, 4780 FT MSL BUILDING 393200.00N/1194538.00W, 5679 FT MSL AAO 393503.01N/1194754.60W.

LOST COMMUNICATIONS PROCEDURES:

IF NOT IN CONTACT WITH DEPARTURE CONTROL WITHIN ONE MINUTE AFTER TAKEOFF, MAINTAIN ASSIGNED HEADING UNTIL PASSING 10000, THENCE...
RUNWAYS 16L/R DEPARTURES: TURN LEFT DIRECT FMG VORTAC, THEN VIA ASSIGNED ROUTE...
RUNWAYS 25 AND 34L/R DEPARTURES: TURN RIGHT DIRECT FMG VORTAC, THEN VIA ASSIGNED ROUTE...

ADDITIONAL FLIGHT DATA:

CHART: I-RNO SOUTH (BACK) COURSE.
CHART: V6 (E AND W).
CHART: DASHED LINE PARALLEL WITH FMG R-038 AND FMG R-218 (V6), 1 ½ NM NORTHWEST OF FMG, BREAK LINE WITHIN 3 NM OF AIRPORT AS DEPICTED.
CHART: TOP ALTITUDE: 19000

AIRPORTS SERVED:

RENO/TAHOE INTL, RENO, NV

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, RNO TOWER, NORCAL DEP CON-CHART ON GRAPHIC: DEP CON 34L/R AND RWY 25, DEP CON RWY 16L/R; CHART AS DEPICTED ENCLOSED WITH DASH LINES.

FIXES AND/OR NAVAIDS:

SWR VOR/DME.

REMARKS:

THIS DP IS DESIGNED TO PROVIDE DEPARTING AIRCRAFT TERRAIN/OBSTRUCTION CLEARANCE DURING CLIMB FROM TAKEOFF TO THE APPROPRIATE MVA. UPON THE AIRCRAFT REACHING MVA, ATC IS RESPONSIBLE FOR TERRAIN/ OBSTRUCTION CLEARANCE.

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COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZOA, RNO ATCT

CHANGES:

DELETED NOTE: CAUTION: INTENSIVE GLIDER ACTIVITY UP TO FL180.

REASONS:

PER CURRENT DOCUMENTATION POLICY.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
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ARINC SUMMARY - KRNO

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW16B	010		VM	FB		164.1								E
RW25	010		VA	FB		254.3						AA 05000		
RW25	020		VM	FB		340.0								E
RW34B	010		VM	FB		344.1								E
SWR	010	KRNO	IF	FB										A
SWR	020	SWR	DF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SWR	N391049.16	W1201610.60

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW16L	N393049.82	W1194600.26	04415
RW16R	N393039.96	W1194609.22	04415
RW25	N392946.37	W1194525.99	04400
RW34L	N392910.91	W1194609.45	04410
RW34R	N392920.89	W1194600.49	04408

