

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RASLR	THREE	RASLR3.RASLR	TWO	08/12/2021	27JAN2022
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 1L: CLIMB ON HEADING 013.92 TO INTERCEPT COURSE 072.00 TO KYBAD, THEN ON TRACK 071.84 TO HAIDN, THEN ON TRACK 094.91 TO CROSS OLBLU AT OR ABOVE 10000 AND AT OR BELOW 250 KIAS, THEN ON TRACK 136.07 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 1R: CLIMB ON HEADING 013.92 TO INTERCEPT COURSE 072.00 TO KYBAD, THEN ON TRACK 071.84 TO HAIDN, THEN ON TRACK 094.91 TO CROSS OLBLU AT OR ABOVE 10000 AND AT OR BELOW 250 KIAS, THEN ON TRACK 136.07 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 8L: CLIMB ON HEADING 078.93 TO INTERCEPT COURSE 090.10 TO CROSS FLAAR AT OR ABOVE 6000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 096.82 TO CROSS ROODE AT OR ABOVE 8000, THEN ON TRACK 134.30 TO CROSS JADWI AT OR BELOW 12000, THEN ON TRACK 134.40 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 8R: CLIMB ON HEADING 078.93 TO 2682, THEN DIRECT SCAAR, THEN ON TRACK 089.96 TO CROSS FLAAR AT OR ABOVE 6000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 096.82 TO CROSS ROODE AT OR ABOVE 8000, THEN ON TRACK 134.30 TO CROSS JADWI AT OR BELOW 12000, THEN ON TRACK 134.40 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 19L: CLIMB ON HEADING 193.92 TO 2682, THEN DIRECT DEREW AT OR BELOW 7000, THEN ON TRACK 188.00 TO CARNG, THEN ON TRACK 157.87 TO CROSS TTONE AT OR ABOVE 8000, THEN ON TRACK 109.76 TO CROSS VIVVS AT OR ABOVE 10000, THEN ON TRACK 095.47 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 19R: CLIMB ON HEADING 193.92 TO 2682, THEN DIRECT DEREW AT OR BELOW 7000, THEN ON TRACK 188.00 TO CARNG, THEN ON TRACK 157.87 TO CROSS TTONE AT OR ABOVE 8000, THEN ON TRACK 109.76 TO CROSS VIVVS AT OR ABOVE 10000, THEN ON TRACK 095.47 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 26L: CLIMB ON HEADING 258.95 TO 2682, THEN DIRECT SILTT, THEN ON TRACK 252.89 TO CROSS RUDYY AT OR ABOVE 4000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 189.39 TO CROSS SELLZ AT OR BELOW 8000, THEN ON TRACK 127.28 TO CROSS TTONE AT OR ABOVE 8000, THEN ON TRACK 109.76 TO CROSS VIVVS AT OR ABOVE 10000, THEN ON TRACK 095.47 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

TAKEOFF RWY 26R: CLIMB ON HEADING 258.95 TO INTERCEPT COURSE 248.80 TO CROSS RUDYY AT OR ABOVE 4000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 189.39 TO CROSS SELLZ AT OR BELOW 8000, THEN ON TRACK 127.28 TO CROSS TTONE AT OR ABOVE 8000, THEN ON TRACK 109.76 TO CROSS VIVVS AT OR ABOVE 10000, THEN ON TRACK 095.47 TO CROSS RASLR AT OR ABOVE 13000, THENCE...

...ON (TRANSITION). MAINTAIN FL190. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
ZAYNE	RASLR3.ZAYNE	RASLR	ROHCK	TRACK 128.18	31.00	20000	9200	
		ROHCK	ZAYNE	TRACK 093.12	17.98	20000	8500	

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: TURBO-JET ONLY.

TAKEOFF MINIMUMS:

QUALITY
22
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RASLR	THREE	RASLR3.RASLR	TWO	08/12/2021	27JAN2022

RWY 1L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682, THEN MINIMUM CLIMB OF 280 FT PER NM TO 4800.
 RWY 1R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682, THEN MINIMUM CLIMB OF 280 FT PER NM TO 4800.
 RWY 8L/8R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682.
 RWY 19L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682, THEN MINIMUM CLIMB OF 255 FT PER NM TO 4400.
 RWY 19R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682, THEN MINIMUM CLIMB OF 255 FT PER NM TO 4300.
 RWY 26L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682, THEN MINIMUM CLIMB OR 230 FT PER NM TO 4700.
 RWY 26R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682, THEN MINIMUM CLIMB OR 235 FT PER NM TO 4700.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 1L/1R: 4252 FT MSL AAO 361044.55N/1145951.60W.
 RWY 19L/19R: 3840 FT MSL AAO 355659.29N/1151230.11W.
 RWY 26L/26R: 4070 FT MSL AAO 355740.74N/1151817.80W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: FL190.
 REFERENCE MAGVAR: KLAS 11E/2020
 DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
HARRY REID INTL	KLAS	LAS VEGAS	NV

COMMUNICATIONS:

D-ATIS, CLNC DEL, CPDLC, TWR, DEP CON, GND CON

FIXES AND/OR NAVAIDS:**REMARKS:****FLIGHT INSPECTED BY**

SCOTT A THOMPSON
Digitally signed by
CASIMIR L TABAKA
 Oct 20, 2021

OFFICE**DATE**

FPO 10/14/2021

DEVELOPED BY

Digitally signed by
SYLVAN DRAKES
 Sep 23, 2021

OFFICE**DATE**

AJV-A411 08/11/2021

APPROVED BY

JULIE MORGAN
Digitally signed by
CASIMIR L TABAKA
 Oct 20, 2021

OFFICE**DATE****TITLE**

AJV-A410 MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RASLR	THREE	RASLR3.RASLR	TWO	08/12/2021	27JAN2022

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLA, LAS APP CON, APT MGR.

CHANGES - REASONS:

1. CHANGED CROSSING RESTRICTION AT TTONE FROM 7000 TO 8000 FOR RWY 26L/R AND RWY 19L/R - TO IMPROVE SEPARATION OF AIR TRAFFIC ALONG ROUTE.
2. CHANGED AIRPORT NAME FROM MC CARRAN INTL TO HARRY REID INTL - AIRPORT NAME CHANGED.

9/23/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 8/11/2021.

1. UPDATED DP ROUTE DESCRIPTION CROSSING RESTRICTION AT VIVVS FROM 9000 TO 10000 FOR RWYS 19L/R AND RWYS 26L/R - CHECKLIST UPDATED TO RELECT THE REQUIRED CHANGE.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
RASLR						THREE	RASLR3.RASLR	TWO	08/12/2021	27JAN2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW01L (AER)*	360436.44N/1151010.30W	N	-	-	-	-			*DISPL THLD (587 FT)	
-	360656.44N/1150850.15W	-	-	VI	024.92	3.24			CG 500 FT PER NM TO 2682 THEN CG 280 FT PER NM TO 4800.	
KYBAD	360838.95N/1145732.45W	Y	FB	CF	083.00	8.93				
HAIDN	360909.32N/1145233.36W	Y	FB	TF	082.84	4.07				
OLBLU	360731.06N/1144529.35W	Y	FB	TF	105.91	5.95	AT/ABOVE 10000	AT/BELOW 250K		
RASLR	354151.64N/1142508.61W	Y	FB	TF	147.07	30.49	AT/ABOVE 13000			
RW01R (AER)*	360431.67N/1151000.44W	N	-	-	-	-			*DISPL THLD (491 FT)	
-	360700.74N/1150835.09W	-	-	VI	024.92	3.35			CG 500 FT PER NM TO 2682 THEN CG 280 FT PER NM TO 4800.	
KYBAD	360838.95N/1145732.45W	Y	FB	CF	083.00	8.75				
HAIDN	360909.32N/1145233.36W	Y	FB	TF	082.84	4.07				
OLBLU	360731.06N/1144529.35W	Y	FB	TF	105.91	5.95	AT/ABOVE 10000	AT/BELOW 250K		
RASLR	354151.64N/1142508.61W	Y	FB	TF	147.07	30.49	AT/ABOVE 13000			
RW08L (AER)*	360434.95N/1150946.63W	N	-	-	-	-			*DISPL THLD (2139 FT)	
-	360435.11N/1150539.84W	-	-	VI	089.93	3.33			CG 500 FT PER NM TO 2682.	
FLAAR	360255.02N/1145425.66W	Y	FB	CF	101.10	9.26	AT/ABOVE 6000	AT/BELOW 230K		
ROODE	355903.81N/1143944.06W	Y	FB	TF	107.82	12.53	AT/ABOVE 8000			
JADWI	354707.06N/1142935.31W	Y	FB	TF	145.30	14.50	AT/BELOW 12000			
RASLR	354151.64N/1142508.61W	Y	FB	TF	145.40	6.38	AT/ABOVE 13000			
RW08R (AER)	360425.06N/1150941.16W	N	-	-	-	-			CG 500 FT PER NM TO 2682.	

QUALITY

22

27 JAN 2022

QUALITY
22
CHECKED

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RASLR		THREE		RASLR3.RASLR		TWO		08/12/2021	27JAN2022
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
2682 MSL	-	-	-	VA	089.93	-	AT/ABOVE 2682		
SCAAR	360424.99N/1150355.43W	Y	FB	DF	-	-	-		
FLAAR	360255.02N/1145425.66W	Y	FB	TF	100.96	7.84	AT/ABOVE 6000	AT/BELOW 230K	
ROODE	355903.81N/1143944.06W	Y	FB	TF	107.82	12.53	AT/ABOVE 8000		
JADWI	354707.06N/1142935.31W	Y	FB	TF	145.30	14.50	AT/BELOW 12000		
RASLR	354151.64N/1142508.61W	Y	FB	TF	145.40	6.38	AT/ABOVE 13000		
RW19L (AER)*	360547.01N/1150917.31W	N	-	-	-	-		*DISPL THLD (878 FT)	
2682 MSL	-	-	-	VA	204.92	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682 THEN CG 255 FT PER NM TO 4400.
DEREW	360017.72N/1151231.20W	Y	FB	DF	-	-	AT/BELOW 7000		
CARNG	355820.68N/1151320.79W	Y	FB	TF	199.00	2.06			
TTONE	355451.91N/1151230.29W	Y	FB	TF	168.87	3.54	AT/ABOVE 8000		
VIVVS	355157.17N/1150629.89W	Y	FB	TF	120.76	5.68	AT/ABOVE 10000		
RASLR	354151.64N/1142508.61W	Y	FB	TF	106.47	35.12	AT/ABOVE 13000		
RW19R (AER)	360551.77N/1150927.19W	N	-	-	-	-			
2682 MSL	-	-	-	VA	204.92	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682 THEN CG 255 FT PER NM TO 4300.
DEREW	360017.72N/1151231.20W	Y	FB	DF	-	-	AT/BELOW 7000		
CARNG	355820.68N/1151320.79W	Y	FB	TF	199.00	2.06			
TTONE	355451.91N/1151230.29W	Y	FB	TF	168.87	3.54	AT/ABOVE 8000		
VIVVS	355157.17N/1150629.89W	Y	FB	TF	120.76	5.68	AT/ABOVE 10000		
RASLR	354151.64N/1142508.61W	Y	FB	TF	106.47	35.12	AT/ABOVE 13000		
RW26L (AER)	360425.17N/1150732.97W	N	-	-	-	-			

QUALITY
22
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RASLR		THREE		RASLR3.RASLR		TWO		08/12/2021	27JAN2022
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
2682 MSL	-	-	-	VA	269.95	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682 THEN CG 230 TO 4700.
SILTT	360424.89N/1151214.37W	Y	FO	DF	-	-			
RUDYY	360407.63N/1151532.31W	Y	FB	TF	263.89	2.69	AT/ABOVE 4000	AT/BELOW 230K	
SELLZ	355932.74N/1151738.02W	Y	FB	TF	200.39	4.88	AT/BELOW 8000		
TTONE	355451.91N/1151230.29W	Y	FB	TF	138.28	6.26	AT/ABOVE 8000		
VIVVS	355157.17N/1150629.89W	Y	FB	TF	120.76	5.68	AT/ABOVE 10000		
RASLR	354151.64N/1142508.61W	Y	FB	TF	106.47	35.12	AT/ABOVE 13000		
RW26R (AER)*	360435.05N/1150732.94W	N	-	-	-	-			*DISPL THLD (1399 FT)
-	360434.77N/1151226.24W	-	-	VI	269.95	3.96			CG 500 FT PER NM TO 2682 THEN CG 235 TO 4700.
RUDYY	360407.63N/1151532.31W	Y	FB	CF	259.80	2.55	AT/ABOVE 4000	AT/BELOW 230K	
SELLZ	355932.74N/1151738.02W	Y	FB	TF	200.39	4.88	AT/BELOW 8000		
TTONE	355451.91N/1151230.29W	Y	FB	TF	138.28	6.26	AT/ABOVE 8000		
VIVVS	355157.17N/1150629.89W	Y	FB	TF	120.76	5.68	AT/ABOVE 10000		
RASLR	354151.64N/1142508.61W	Y	FB	TF	106.47	35.12	AT/ABOVE 13000		
TRANSITIONS									
RASLR	354151.64N/1142508.61W	Y	-	IF	-	-	AT/ABOVE 13000		RASLR3.ZAYNE
ROHCK	351819.44N/1140022.95W	Y	FB	TF	139.18	31.00			
ZAYNE	351353.89N/1133905.51W	Y	FB	TF	104.12	17.98			

