

**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SUPERSEDED NUMBER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>
RATPK	THREE	RATPK3.RATPK	TWO	08/12/2021	<b>27JAN2022</b>

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 1L, 1R: CLIMB ON HEADING 013.92 TO INTERCEPT COURSE 072.00 TO CROSS KYBAD AT OR ABOVE 6000, THEN ON TRACK 039.52 TO JENFR, THEN ON TRACK 039.56 TO RATPK, 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 151.75 TO CROSS HNIBL AT OR ABOVE 8000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 211.36 TO KNGPN, THEN RIGHT TURN DIRECT JENFR, THEN ON TRACK 039.56 TO RATPK, 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 151.75 TO CROSS HNIBL AT OR ABOVE 8000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 211.36 TO KNGPN, THEN RIGHT TURN DIRECT JENFR, THEN ON TRACK 039.56 TO RATPK, THENCE...

TAKEOFF RWY 19L, 19R: CLIMB ON HEADING 193.92 TO INTERCEPT COURSE 270.90 TO CROSS LEELN AT OR BELOW 8000, THEN ON TRACK 336.16 TO CROSS GLIAN AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 049.92 TO CROSS BACCK AT OR ABOVE 6000, THEN ON TRACK 057.55 TO CROSS ALOLY AT OR ABOVE 7000, THEN ON TRACK 078.90 TO JENFR, THEN ON TRACK 039.56 TO RATPK, THENCE...

TAKEOFF RWY 26L, 26R: CLIMB ON HEADING 258.95 TO 2682, THEN DIRECT LEELN TO CROSS LEELN AT OR BELOW 8000, THEN ON TRACK 336.16 TO CROSS GLIAN AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 049.92 TO CROSS BACCK AT OR ABOVE 6000, THEN ON TRACK 057.55 TO CROSS ALOLY AT OR ABOVE 7000, THEN ON TRACK 078.90 TO JENFR, THEN ON TRACK 039.56 TO RATPK, 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>
FRNCK	RATPK3.FRNCK	RATPK	DARDN	TRACK 026.42	13.21	10200	6700	
		DARDN	FRNCK	TRACK 020.94	80.66	15000	9900	

**PROCEDURAL DATA NOTES:**

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT ILC AND BLD DMES MUST BE OPERATIONAL.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: RNAV 1.

NOTE: TURBOJET ONLY.

**TAKEOFF MINIMUMS:**

RWY 01L, 01R: STANDARD WITH MINIMUM CLIMB OF 500 FEET PER NM TO 2682 THEN 280 FEET PER NM TO 4800.

RWY 08L, 08R: STANDARD WITH MINIMUM CLIMB OF 500 FEET PER NM TO 2682 THEN 233 FEET PER NM TO 6400.

RWY 19L, 19R: STANDARD WITH MINIMUM CLIMB OF 500 FEET PER NM TO 2682 THEN 230 FEET PER NM TO 4200.

RWY 26L, 26R: STANDARD WITH A MINIMUM CLIMB OF 500 FEET PER NM TO 2682 THEN 240 FEET PER NM TO 4200.



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RATPK	THREE	RATPK3.RATPK	TWO	08/12/2021	27JAN2022

**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:**

RWY 01L, 01R: 4160 FT MSL AAO 361027.69N/1145955.49W.  
 RWY 08L, 08R: 5292 FT MSL AAO 355550.44N/1150236.58W.  
 RWY 19L, 19R, 26L, 26R: 3716 FT MSL AAO 360414.28N/1151920.01W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: FL190  
 REFERENCE MAG VAR: 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, GND CON, TWR, DEP CON.

**FIXES AND/OR NAVAIDS:**

KITTN

**REMARKS:**

NON STANDARD TAILWINDS DERIVED FROM THE MITRE 2019 LAS WINDS CSV FILE USED FOR GLIAN SEGMENT OF 35 KNOTS AND BACCK SEGMENT OF 37.7 KNOTS.  
 ABBREVIATED AMENDMENT.

**FLIGHT INSPECTED BY**

SCOTT A THOMPSON

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Oct 20, 2021

**OFFICE**                      **DATE**  
 FPO                              10/14/2021

**DEVELOPED BY**

SYLVAN DRAKES

*Digitally signed by*  
**SYLVAN DRAKES**  
 Aug 12, 2021

**OFFICE**                      **DATE**  
 AJV-A422                      03/18/2021

**APPROVED BY**

JULIE MORGAN

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Sep 10, 2021

**OFFICE**                      **DATE**                      **TITLE**  
 AJV-A420                                                           MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

**A4A**     **ALPA**     **AOPA**     **APA**     **HAI**     **NBAA**     **OTHER:** ZLA, LAS APP CON, AMGR



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RATPK	THREE	RATPK3.RATPK	TWO	08/12/2021	27JAN2022

**CHANGES - REASONS:**

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



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

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>				
RATPK	THREE	RATPK3.RATPK	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>
RW01L (AER)*	360436.44N/1151010.30W*	N	-	-	-	-			*DISPL THLD (587 FT)
-	360733.03N/1150829.18W	-	-	VI	024.92	3.24			CG 500 FT/NM TO 2682 THEN MIN CG 280 FT/NM TO 4800
KYBAD	360838.95N/1145732.45W	Y	FB	CF	083.00	8.93	AT/ABOVE 6000		
JENFR	361146.11N/1145252.04W	Y	FB	TF	050.52	4.90			
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22			
RW01R (AER)*	360431.67N/1151000.44W*	N	-	-	-	-			*DISPL THLD (491 FT)
-	360734.38N/1150815.81W	-	-	VI	024.92	3.35			CG 500 FT/NM TO 2682 THEN MIN CG 280 FT/NM TO 4800
KYBAD	360838.95N/1145732.45W	Y	FB	CF	083.00	8.75	AT/ABOVE 6000		
JENFR	361146.11N/1145252.04W	Y	FB	TF	050.52	4.90			
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22			
RW08L (AER)*	360434.95N/1150946.63W*	N	-	-	-	-			*DISPL THLD (2139 FT)
-	360435.13N/1150457.12W	-	-	VI	089.93	3.91			CG 500 FT/NM TO 2682 THEN MIN CG 233 FT/NM TO 6400
FLAAR	360255.02N/1145425.66W	Y	FB	CF	101.10	8.69	AT/ABOVE 6000	AT/BELOW 230K	
HNIBL	355903.67N/1145257.26W	Y	FB	TF	162.75	4.03	AT/ABOVE 8000	AT/BELOW 230K	
KNGPN	355521.62N/1145706.08W	Y	FO	TF	222.36	5.00			
JENFR	361146.11N/1145252.04W	Y	FB	DF	-	16.74			RIGHT TURN
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22			
RW08R (AER)	360425.06N/1150941.16W	N	-	-	-	-			
2682 MSL	-	-	-	VA	089.93	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682 THEN MIN CG 233 FT/NM TO 6400



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RATPK		THREE		RATPK3.RATPK		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>		
SCAAR	360424.99N/1150355.43W	Y	FB	DF	-	-			LEFT TURN		
FLAAR	360255.02N/1145425.66W	Y	FB	TF	100.96	7.84	AT/ABOVE 6000	AT/BELOW 230K			
HNIBL	355903.67N/1145257.26W	Y	FB	TF	162.75	4.03	AT/ABOVE 8000	AT/BELOW 230K			
KNGPN	355521.62N/1145706.08W	Y	FO	TF	222.36	5.00					
JENFR	361146.11N/1145252.04W	Y	FB	DF	-	16.74			RIGHT TURN		
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22					
RW19L (AER)*	360547.01N/1150917.31W*	N	-	-	-	-			*DISPL THLD (878 FT)		
	360330.10N/1151035.66W	-	-	VI	204.92	2.51			CG 500 FT/NM TO 2682 THEN MIN CG 230 FT/NM TO 4200.		
LEELN	360435.00N/1151654.00W	Y	FB	CF	281.90	5.22	AT/BELOW 8000				
GLIAN	360910.33N/1151811.41W	Y	FB	TF	347.16	4.70	AT/ABOVE 5000	AT/BELOW 230K			
BACCK	361025.03N/1151525.69W	Y	FB	TF	060.92	2.56	AT/ABOVE 6000				
ALOLY	361146.00N/1151111.26W	Y	FB	TF	068.55	3.69	AT/ABOVE 7000				
JENFR	361146.11N/1145252.04W	Y	FB	TF	089.90	14.83					
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22					
RW19R (AER)	360551.77N/1150927.19W	N	-	-	-	-			CG 500 FT PER NM TO 2682 THEN MIN CG 230 FT/NM TO 4200.		
	360332.07N/1151047.12W	-	-	VI	204.92	2.56					
LEELN	360435.00N/1151654.00W	Y	FB	CF	281.90	5.07	AT/BELOW 8000				
GLIAN	360910.33N/1151811.41W	Y	FB	TF	347.16	4.70	AT/ABOVE 5000	AT/BELOW 230K			
BACCK	361025.03N/1151525.69W	Y	FB	TF	060.92	2.56	AT/ABOVE 6000				
ALOLY	361146.00N/1151111.26W	Y	FB	TF	068.55	3.69	AT/ABOVE 7000				
JENFR	361146.11N/1145252.04W	Y	FB	TF	089.90	14.83					
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22					



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE				
RATPK	THREE	RATPK3.RATPK	TWO	08/12/2021	27JAN2022				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW26L (AER)	360425.17N/1150732.97W	N	-	-	-	-			
2682 MSL	-	-	-	VA	269.95	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682 THEN MIN CG 240 FT/NM TO 4200
LEELN	360435.00N/1151654.00W	Y	FB	DF	-	-	AT/BELOW 8000		RIGHT TURN
GLIAN	360910.33N/1151811.41W	Y	FB	TF	347.16	4.70	AT/ABOVE 5000	AT/BELOW 230K	
BACCK	361025.03N/1151525.69W	Y	FB	TF	060.92	2.56	AT/ABOVE 6000		
ALOLY	361146.00N/1151111.26W	Y	FB	TF	068.55	3.69	AT/ABOVE 7000		
JENFR	361146.11N/1145252.04W	Y	FB	TF	089.90	14.83			
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22			
RW26R (AER)*	360435.05N/1150732.94W*	N	-	-	-	-			*DSPL THLD (1399 FT)
2682 MSL	-	-	-	VA	269.95	-	AT/ABOVE 2682		CG 500 FT/NM TO 2682 THEN MIN CG 240 FT/NM TO 4200
LEELN	360435.00N/1151654.00W	Y	FB	DF	-	-	AT/BELOW 8000		RIGHT TURN
GLIAN	360910.33N/1151811.41W	Y	FB	TF	347.16	4.70	AT/ABOVE 5000	AT/BELOW 230K	
BACCK	361025.03N/1151525.69W	Y	FB	TF	060.92	2.56	AT/ABOVE 6000		
ALOLY	361146.00N/1151111.26W	Y	FB	TF	068.55	3.69	AT/ABOVE 7000		
JENFR	361146.11N/1145252.04W	Y	FB	TF	089.90	14.83			
RATPK	362204.14N/1143721.47W	Y	FB	TF	050.56	16.22			
TRANSITIONS									
RATPK	362204.14N/1143721.47W	Y	-	IF	-	-			RATPK3.FRNC
DARDN	363233.81N/1142723.93W	Y	FB	TF	037.42	13.21			
FRNC	374053.77N/1133338.71W	Y	FB	TF	031.94	80.66			

