

**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SUPERSEDED NUMBER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>
FRNCK	ONE	FRNCK1.FRNCK	NONE		19MAY2022
<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 type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 8L/R: CLIMB ON HEADING 078.93 TO 2682, THEN DIRECT TO CROSS AYWUH AT OR ABOVE 6000, THENCE...

... THENCE ON TRACK 028.19 TO CROSS RATPK AT OR ABOVE 13000, THEN ON TRACK 026.42 TO DARDN, THEN ON TRACK 020.94 TO FRNCK. 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>
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PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: TURBOJET ONLY.

TAKEOFF MINIMUMS:

RWY 8L/R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2682.

TAKEOFF OBSTACLES NOTES:

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

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

CHART: TOP ALTITUDE: FL190.

DME/DME/IRU ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAG VAR: KLAS 11E EPOCH YR: 2020.

AIRPORTS SERVED:

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

COMMUNICATIONS:

CHART: D-ATIS, CLNC DEL, CPDLC, TWR, GND CON.

FIXES AND/OR NAVAIDS:

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
FRNCK	ONE	FRNCK1.FRNCK	NONE		19MAY2022

REMARKS:

MINIMUM CLIMB GRADIENT OF 500 FT PER NM TO 2682 APPLIED TO SUPPORT OPERATIONAL REQUIREMENTS.

FLIGHT INSPECTED BY*Digitally signed by*

GARY J VEER

DONALD H LANIER

Jan 31, 2022

OFFICE**DATE**

FPO

01/25/2022

DEVELOPED BY*Digitally signed by*

FRANK JACKSON

FRANK JACKSON

Nov 30, 2021

OFFICE**DATE**

AJV-A431

Nov 12, 20

APPROVED BY*Digitally signed by*

LONNIE EVERHART

DONALD H LANIER

Jan 31, 2022

OFFICE**DATE**

AJV-A430

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**ZLA, LAS APP CON, APT MGR**CHANGES - REASONS:**

ORIGINAL.

QUALITY
2
CHECKED

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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
FRNCK				ONE		FRNCK1.FRNCK		NONE				19MAY2022	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW08L (AER)*	360434.95N/1150946.63W*	N	-	-	-	-			*DISPL THLD (2139 FT)				
2682 MSL	-	-	-	VA	089.93	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682				
AYVUH	360432.56N/1145502.98W	Y	FB	DF	-	-	AT/ABOVE 6000						
RW08R (AER)	360425.06N/1150941.16W	N	-	-	-	-							
2682 MSL	-	-	-	VA	089.93	-	AT/ABOVE 2682		CG 500 FT PER NM TO 2682				
AYVUH	360432.56N/1145502.98W	Y	FB	DF	-	-	AT/ABOVE 6000						
TRANSITIONS													
AYVUH	360432.56N/1145502.98W	Y	-	IF	-	-							
RATPK	362204.14N/1143721.47W	Y	FB	TF	039.19	22.61	AT/ABOVE 13000						
DARDN	363233.81N/1142723.93W	Y	FB	TF	037.42	13.21							
FRNCK	374053.77N/1133338.71W	Y	FB	TF	031.94	80.66							

QUALITY
2
CHECKED