

**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SUPERSEDED NUMBER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>
NIITZ	FOUR	NIITZ4.NIITZ	THREE	01/27/2022	31OCT2024
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 1L, 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 092.01 TO NIITZ, 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 090.14 TO GOLIE, THEN ON TRACK 083.37 TO CROSS DBLII AT OR BELOW 13000, THEN ON TRACK 083.48 TO CROSS GLDYN AT OR ABOVE 12000, THEN ON TRACK 088.21 TO NIITZ, 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 090.14 TO GOLIE, THEN ON TRACK 083.37 TO CROSS DBLII AT OR BELOW 13000, THEN ON TRACK 083.48 TO CROSS GLDYN AT OR ABOVE 12000, THEN ON TRACK 088.21 TO NIITZ, THENCE ...

TAKEOFF RWY 19L, 19R: CLIMB ON HEADING 193.92 TO 2682, THEN DIRECT DEREW TO CROSS AT OR BELOW 7000, THEN ON TRACK 188.01 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 075.06 TO CROSS SGFRD AT OR ABOVE 17000, THEN ON TRACK 079.30 TO NIITZ, 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 075.06 TO CROSS SGFRD AT OR ABOVE 17000, THEN ON TRACK 079.30 TO NIITZ, 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 075.06 TO CROSS SGFRD AT OR ABOVE 17000, THEN ON TRACK 079.30 TO NIITZ, 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>
IWANS	NIITZ4.IWANS	NIITZ	IWANS	TRACK 088.92	42.36	17000	9600	
HOCEE	NIITZ4.HOCEE	NIITZ	HOCEE	TRACK 068.17	98.24	17000	10600	
SSKEE	NIITZ4.SSKEE	NIITZ	IWANS	TRACK 088.92	42.36	17000	9600	
		IWANS	SSKEE	TRACK 089.37	42.49	17000	9400	
TUKRR	NIITZ4.TUKRR	NIITZ	TUKRR	TRACK 046.03	107.78	17000	11100	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.



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NIITZ	FOUR	NIITZ4.NIITZ	THREE	01/27/2022	31OCT2024

PROCEDURAL DATA NOTES:

CHART NOTE: DO NOT FILE - TUKRR AND IWANS TRANSITIONS ASSIGNED BY ATC.

NOTE: TURBOJETS ONLY.

NOTE: IF UNABLE TO ACCEPT CLIMB RATES, ADVISE ATC ON INITIAL CONTACT.**TAKEOFF MINIMUMS:**

RWY 1L, 1R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2682 THEN 280 FT/NM TO 4800.

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

RWY 19L, 19R: STANDARD WITH MINIMUM CLIMB OF 571 FT/NM TO 8000.

RWY 26L, 26R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2682 THEN 240 FT/NM TO 5000.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 1L, 1R: 4164 FT MSL AAO 361027.00N/1145957.00W.

RWY 19L, 19R: 3819 FT MSL AAO 355657.00N/1151230.00W (CLIMB GRADIENT), 5246 FT MSL AAO 355409.00N/1150245.00W (CLIMB-TO ALTITUDE).

RWY 26L: 3885 FT MSL AAO 355900.00N/1151754.00W (CLIMB GRADIENT), 4065 FT MSL AAO 355754.00N/1151830.00W (CLIMB-TO ALTITUDE).

RWY 26R: 2332 FT MSL ANTENNA 360441.83N/1151107.77W.

MSA:

MSA FROM KLAS 13200

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

CHART: TOP ALTITUDE: FL190

AIRPORT MV: LAS 11E/2020.

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

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KLAS	LAS VEGAS	NV

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:**REMARKS:**

AFS APPROVAL LETTER FOR ATC EXCESSIVE CG OF 571 FT/NM DEPARTING RWY 19 L/R UP TO 8000 AT TTONE.

ABBREVIATED AMENDMENT



DP NAME NIITZ	NUMBER FOUR	DP COMPUTER CODE NIITZ4.NIITZ	SUPERSEDED NUMBER THREE	DATED 01/27/2022	ACTUAL EFFECTIVE DATE 31OCT2024
FLIGHT INSPECTED BY GARY J VEER	SIGNATURE <i>Digitally signed by</i> ALLAN WILL Aug 26, 2024	OFFICE FPO	DATE 08/22/2024		
DEVELOPED BY RICHARD CAMPBELL	SIGNATURE <i>Digitally signed by</i> ALLAN WILL Aug 26, 2024	OFFICE AJV-A423	DATE 04/25/2024		
APPROVED BY ALLAN WILL	SIGNATURE <i>Digitally signed by</i> ALLAN WILL Aug 26, 2024	OFFICE AJV-A423	DATE 10/31/2024	TITLE MANAGER	
REQUIRED EFFECTIVE DATE ROUTINE					
COORDINATED WITH:					

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

CHANGES - REASONS:

1. CHANGED MOCA ON THE TRANSITION IWANS TO SSKEE FROM 9100 TO 9400 - NEW PERMANENT OBSTRUCTION WINDMILL FARM TALLEST-04-082229, UP TO 7327 MSL, 353825.37N/1115436.84W, 4D-AC, BEGINNING 04-082229 THRU 04-082221.
2. CHANGED RWY 19 L/R CG FROM 500 FT/NM TO 2682 THEN MIN CG 270 FT/NM TO 6200, TO 571 FT/NM TO 8000 AT TTONE - ATC EXCESSIVE CG APPROVAL LETTER PRB/ATC/FPT REQUEST.
3. NEW CONTROLLING OBSTACLES: RWY 1L, 1R - 4164 FT MSL AAO 361027.00N/1145957.00W, RWY 19L, 19R - 3819 FT MSL AAO 355657.00N/1151230.00W (CLIMB GRADIENT), 5246 FT MSL AAO 355409.00N/1150245.00W (CLIMB-TO ALTITUDE), RWY 26L - 3885 FT MSL AAO 355900.00N/1151754.00W (CLIMB GRADIENT), 4065 FT MSL AAO 355754.00N/1151830.00W (CLIMB-TO ALTITUDE), RWY 26R - 2332 FT MSL ANTENNA 360441.83N/1151107.77W.
4. COMBINED DME/DME/IRU OR GPS REQUIRED AND RNAV 1 NOTES TO READ "RNAV 1 - DME/DME/IRU OR GPS" AND MOVED FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES - IAW 8260.46J PBN REQUIREMENT NOTES TABLE.
5. MOVED "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.46J APPENDIX E, SECTION 1.2.F.
6. ADDED "MSA FROM KLAS 13200" - IAW 8260.46J APPENDIX E, SECTION 1.2.K.
7. CHANGED "REFERENCE MAG VAR: KLAS 11E/2020" TO "AIRPORT MV: LAS 11E/2020" IN ADDITIONAL FLIGHT DATA - IAW MEMO #283 MAGVAR DOCUMENTATION FOR SIDS AND ODPS.
8. REMOVED AIRPORT NAME FROM AIRPORTS SERVED - IAW 8260.46J APPENDIX E, SECTION 1.2.N.
9. ADDED "CHART:" AND REMOVED "DEP CON" FROM COMMUNICATIONS - IAW 8260.46J APPENDIX E, SECTION 1.2.O.
10. ADDED "AFS APPROVAL LETTER FOR ATC EXCESSIVE CG OF 571 FT/NM DEPARTING RWY 19 L/R UP TO 8000 AT TTONE" - PRB/ATC/FPT REQUEST.
11. ADDED "ABBREVIATED AMENDMENT" TO REMARKS - IAW 8260.46J APPENDIX E, SECTION 1.2.Q.(4).

06/04/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/25/24.

1. 8260-15B; DP COMPUTER CODE IN TITLE LINE: CHANGE TO "NIITZ4.NIITZ" VS "NITZ4.NIITZ" - TYPO.
2. 8260-15B; PROCEDURAL DATA NOTES: SHOUD BE "CHART NOTE: DO NOT FILE - TUKRR AND IWANS TRANSITIONS ASSIGNED BY ATC." VS "NOTE: TUKRR AND IWANS TRANSITION ATC ASSIGNED ONLY. DO NOT FILE." - IAW 8260.46J, 2-1-1.E(9).



**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>
NIITZ	FOUR	NIITZ4.NIITZ	THREE	01/27/2022	31OCT2024

<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			
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	
NIITZ	355319.52N/1133200.85W	Y	FB	TF	103.01	61.27			
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			
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	
NIITZ	355319.52N/1133200.85W	Y	FB	TF	103.01	61.27			
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
FLAAR	360255.02N/1145425.66W	Y	FB	CF	101.10	8.69	AT/ABOVE 6000	AT/BELOW 230K	
GOLIE	360201.07N/1144849.14W	Y	FB	TF	101.14	4.64			
DBLII	360117.96N/1143723.25W	Y	FB	TF	094.37	9.30	AT/BELOW 13000		
GLDYN	360029.53N/1142452.90W	Y	FB	TF	094.48	10.18	AT/ABOVE 12000		
NIITZ	355319.52N/1133200.85W	Y	FB	TF	099.21	43.52			



NFDD No 170							09/03/2024		37		
DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
NIITZ							FOUR	NIITZ4.NIITZ	THREE	01/27/2022	31OCT2024
FIX/NAVAID		LAT/LONG		C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW08R (AER)		360425.06N/1150941.16W		N	-	-	-	-	CG 500 FT/NM TO 2682		
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	
GOLIE		360201.07N/1144849.14W		Y	FB	TF	101.14	4.64			
DBLII		360117.96N/1143723.25W		Y	FB	TF	094.37	9.30	AT/BELOW 13000		
GLDYN		360029.53N/1142452.90W		Y	FB	TF	094.48	10.18	AT/ABOVE 12000		
NIITZ		355319.52N/1133200.85W		Y	FB	TF	099.21	43.52			
RW19L (AER)*		360547.01N/1150917.31W*		N	-	-	-	-	*DISPL THLD (878 FT)		
2682 MSL		-		-	-	VA	204.92	-	AT/ABOVE 2682 CG 571 FT/NM TO 8000		
DEREW		360017.72N/1151231.20W		Y	FB	DF	-	-	AT/BELOW 7000 RIGHT TURN		
CARNG		355820.68N/1151320.79W		Y	FB	TF	199.01	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		
SGFRD		355349.46N/1143134.87W		Y	FB	TF	086.06	28.44	AT/ABOVE 17000		
NIITZ		355319.52N/1133200.85W		Y	FB	TF	090.30	48.40			
RW19R (AER)		360551.77N/1150927.19W		N	-	-	-	-	CG 571 FT/NM TO 8000		
2682 MSL		-		-	-	VA	204.92	-	AT/ABOVE 2682		
DEREW		360017.72N/1151231.20W		Y	FB	DF	-	-	AT/BELOW 7000 LEFT TURN		
CARNG		355820.68N/1151320.79W		Y	FB	TF	199.01	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		

QUALITY

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DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
NIITZ		FOUR		NIITZ4.NIITZ		THREE		01/27/2022	31OCT2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
SGFRD	355349.46N/1143134.87W	Y	FB	TF	086.06	28.44	AT/ABOVE 17000		
NIITZ	355319.52N/1133200.85W	Y	FB	TF	090.30	48.40			
RW26L (AER)	360425.17N/1150732.97W	N	-	-	-	-			
2682 MSL	-	-	-	VA	269.95	-	AT/ABOVE 2682		CG 500 FT/NM TO 2682 THEN MIN CG 240 FT/NM TO 5000
SILTT	360424.89N/1151214.37W	Y	FB	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		
SGFRD	355349.46N/1143134.87W	Y	FB	TF	086.06	28.44	AT/ABOVE 17000		
NIITZ	355319.52N/1133200.85W	Y	FB	TF	090.30	48.40			
RW26R (AER)*	360435.05N/1150732.94W*	N	-	-	-	-			*DSPL THLD (1399 FT)
-	360434.77N/1151226.20W	-	-	VI	269.95	3.96			CG 500 FT/NM TO 2682 THEN MIN CG 240 FT/NM TO 5000
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		
SGFRD	355349.46N/1143134.87W	Y	FB	TF	086.06	28.44	AT/ABOVE 17000		
NIITZ	355319.52N/1133200.85W	Y	FB	TF	090.30	48.40			
NIITZ	355319.52N/1133200.85W	Y	-	IF	-	-			NIITZ4.IWANS
IWANS	354549.84N/1124044.20W	Y	FB	TF	099.92	42.36			



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
NIITZ		FOUR		NIITZ4.NIITZ		THREE		01/27/2022	31OCT2024
<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>
NIITZ	355319.52N/1133200.85W	Y	-	IF	-	-			NIITZ4.HOCEE
HOCEE	361049.55N/1113249.25W	Y	FB	TF	079.17	98.24			
NIITZ	355319.52N/1133200.85W	Y	-	IF	-	-			NIITZ4.SSKEE
IWANS	354549.84N/1124044.20W	Y	FB	TF	099.92	42.36			
SSKEE	353759.16N/1114927.53W	Y	FB	TF	100.37	42.49			
NIITZ	355319.52N/1133200.85W	Y	-	IF	-	-			NIITZ4.TUKRR
TUKRR	365111.14N/1113920.65W	Y	FB	TF	057.03	107.78			

