

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MNZNO	THREE	MNZNO3.MNZNO	TWO	29 MAY 14	25 JUN 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB HEADING 033.79 TO 6000, THEN RIGHT TURN DIRECT DLSOL, THEN ON TRACK 172.50 TO YUGLU, CROSS YUGLU AT OR BELOW 9000, THEN ON DEPICTED ROUTE TO MNZNO, CROSS MNZNO AT OR ABOVE 11500. THENCE...

TAKEOFF RWY 8: CLIMB HEADING 079.43 TO 5860, THEN RIGHT TURN DIRECT DLSOL, THEN ON TRACK 172.50 TO YUGLU, CROSS YUGLU AT OR BELOW 9000, THEN ON DEPICTED ROUTE TO MNZNO, CROSS MNZNO AT OR ABOVE 11500. THENCE...

...(TRANSITION). MAINTAIN FL200, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
CHISM	MNZNO3.CME	MNZNO	DADDY	TRACK 103.15	17.85	15100	11900	
		DADDY	LARLE	TRACK 103.97	30.24	FL180	9100	
		LARLE	TAC0Z	TRACK 134.68	34.67	FL180	9300	
		TAC0Z	CME VORTAC	TRACK 130.16	49.99	FL180	8200	
LAMSE	MNZNO3.LAMSE	MNZNO	PEPTE	TRACK 235.73	9.19	15000	9700	AT/ABOVE 15000
		PEPTE	WUTUP	TRACK 233.77	20.04	16000	7800	AT/ABOVE 16000
		WUTUP	LAMSE	TRACK 242.36	34.72	FL180	10800	
MOLVE	MNZNO3.MOLVE	MNZNO	FATTT	TRACK 87.09	19.99	15500	11900	
		FATTT	MOLVE	TRACK 81.11	73.82	FL180	9100	
SOCORRO	MNZNO3.ONM	MNZNO	HRDRK	TRACK 201.81	11.68	16000	11100	AT/ABOVE 16000
		HRDRK	DUMMM	TRACK 201.74	11.22	FL180	7500	
		DUMMM	ONM VORTAC	TRACK 185.58	9.02	FL180	7500	
ST JOHNS	MNZNO3.SJN	MNZNO	PEPTE	TRACK 235.73	9.19	15000	9700	AT/ABOVE 15000
		PEPTE	WUTUP	TRACK 233.77	20.04	16000	7800	AT/ABOVE 16000
		WUTUP	LAMSE	TRACK 242.36	34.72	FL180	10800	
		LAMSE	SJN VORTAC	TRACK 258.97	70.38	FL180	10900	
TEXICO	MNZNO3.TXO	MNZNO	FATTT	TRACK 87.09	19.99	15500	11900	
		FATTT	MOLVE	TRACK 81.11	73.82	FL180	9100	
		MOLVE	TXO VORTAC	TRACK 86.49	89.39	FL180	7400	



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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

PROCEDURAL DATA NOTES:

NOTE: TAKEOFF RWY 3, DO NOT EXCEED 220 KIAS UNTIL PASSING 6000.

NOTE: TAKEOFF RWY 8, DO NOT EXCEED 220 KIAS UNTIL PASSING 5860.

NOTE: DO NOT EXCEED 250 KIAS UNTIL PASSING MNZNO.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: FOR TURBOJET AIRCRAFT ONLY.

NOTE: RNAV-1.

NOTE: RADAR REQUIRED.

NOTE: IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC ON INITIAL CONTACT.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT ONM DME MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:

RWY 3: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9000. MINIMUM OBSTACLE CLIMB GRADIENT AFTER YUGLU IS 420 FT PER NM TO 11900.

RWY 8: STANDARD WITH MINIMUM CLIMB OF 515 FT PER NM TO 9000. MINIMUM OBSTACLE CLIMB GRADIENT AFTER YUGLU IS 420 FT PER NM TO 11900.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 3, TANK 4961 FT FROM DER, 1708 FT LEFT OF CENTERLINE, 150 FT AGL/5466 FT MSL. WATER TOWER 4984 FT FROM DER, 1713 FT LEFT OF CENTERLINE, 156 FT AGL/5468 FT MSL.

CONTROLLING OBSTACLES:

RWY 8: 7158 FT MSL AAO 350130.00N/1062903.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 3, 8 - 10897 FT MSL TOWER 351249.89N/1062703.38W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KABQ 11E EPOCH YEAR: 1995.

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: FL200

AIRPORTS SERVED:

ALBUQUERQUE INTL SUNPORT

ALBUQUERQUE, NM

COMMUNICATIONS:

ATIS, CLNC DEL, ABQ GND CON, ABQ ATCT, ABQ DEP CON, ZAB

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FIXES AND/OR NAVAIDS:

REMARKS:

WAIVERS: AT OR BELOW 9000 AT YUGLU; CONSECUTIVE MANDATORY CLIMB GRADIENTS.

CHANGES:

ADDED: CHART: TOP ALTITUDE: FL200.

REASONS:

ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MNZNO	THREE	MNZNO3.MNZNO	TWO	29 MAY 14	25 JUN 2015

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW03 (AER)	350120.09N/1063750.17W	N	-	-	-	-			
6000 MSL		-	-	VA	044.79	-		AT/BELOW 220	CG 500 FT/NM TO 9000
DLSOL	345909.86N/1063037.08W	Y	FB	DF	-	-			RIGHT TURN
RW08 (AER)*	350239.60N/1063705.69W*	N	-	-	-	-			*DISPL THLD (1000 FT)
5860 MSL		-	-	VA	090.43	-		AT/BELOW 220	CG 515 FT/NM TO 9000
DLSOL	345909.86N/1063037.08W	Y	FB	DF	-	-			RIGHT TURN
DLSOL	345909.86N/1063037.08W	Y	-	IF	-	-			RIGHT TURN
YUGLU	345628.23N/1063049.07W	Y	FB	TF	183.50	2.69	AT/BELOW 9000		
CIANE	345322.71N/1063058.50W	Y	FB	TF	182.40	3.09			CG 420 FT/NM TO 11900 AFTER YUGLU
MNZNO	344817.01N/1063106.74W	Y	FB	TF	181.27	5.09	AT/ABOVE 11500	AT/BELOW 250	
MNZNO	344817.01N/1063106.74W	Y	-	IF	-	-	AT/ABOVE 11500	AT/BELOW 250	MNZNO3.CME
DADDY	344056.40N/1061121.62W	Y	FB	TF	114.15	17.85			
LARLE	342804.77N/1053812.27W	Y	FB	TF	114.97	30.24			
TAC0Z	335921.25N/1051441.68W	Y	FB	TF	145.68	34.67			
CME VORTAC	332014.92N/1043716.48W	Y	FB	TF	141.16	49.99			
MNZNO	344817.01N/1063106.74W	Y	-	IF	-	-	AT/ABOVE 11500	AT/BELOW 250	MNZNO3.LAMSE
PEPTE	344438.26N/1064121.70W	Y	FB	TF	246.73	9.19	AT/ABOVE 15000		
WUTUP	343602.80N/1070319.35W	Y	FB	TF	244.77	20.04	AT/ABOVE 16000		
LAMSE	342558.53N/1074332.11W	Y	FB	TF	253.36	34.72			
MNZNO	344817.01N/1063106.74W	Y	-	IF	-	-	AT/ABOVE 11500	AT/BELOW 250	MNZNO3.MOLVE
FATTT	344525.58N/1060705.31W	Y	FB	TF	098.09	19.99			
MOLVE	344209.66N/1043736.74W	Y	FB	TF	092.11	73.82			
MNZNO	344817.01N/1063106.74W	Y	-	IF	-	-	AT/ABOVE 11500	AT/BELOW 250	MNZNO3.ONM
HRDRK	343826.87N/1063846.82W	Y	FB	TF	212.81	11.68	AT/ABOVE 16000		
DUMMM	342859.54N/1064607.23W	Y	FB	TF	212.74	11.22			
ONM VORATC	342020.04N/1064913.69W	Y	FB	TF	196.58	9.02			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MNZNO	344817.01N/1063106.74W	Y	-	IF	-	-	AT/ABOVE 11500	AT/BELOW 250	MNZNO3.SJN
PEPTE	344438.26N/1064121.70W	Y	FB	TF	246.73	9.19	AT/ABOVE 15000		
WUTUP	343602.80N/1070319.35W	Y	FB	TF	244.77	20.04	AT/ABOVE 16000		
LAMSE	342558.53N/1074332.11W	Y	FB	TF	253.36	34.72			
SJN VORATC	342526.55N/1090836.71W	Y	FB	TF	269.97	70.38			
MNZNO	344817.01N/1063106.74W	Y	-	IF	-	-	AT/ABOVE 11500	AT/BELOW 250	MNZNO3.TXO
FATTT	344525.58N/1060705.31W	Y	FB	TF	098.09	19.99			
MOLVE	344209.66N/1043736.74W	Y	FB	TF	092.11	73.82			
TXO VORTAC	342942.46N/1025022.79W	Y	FB	TF	097.49	89.39			