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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB HEADING 033.79 TO 6000, THEN CLIMBING LEFT TURN DIRECT RDRNR, CROSS RDRNR AT OR ABOVE 10300. THENCE...
TAKEOFF RWY 8: CLIMB HEADING 079.43 TO 5860, AND DIRECT TYILR, THEN CLIMBING LEFT TURN DIRECT RDRNR, CROSS RDRNR AT OR ABOVE 10300. THENCE...

...ON ASSIGNED 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
GALLUP	RDRNR1.GUP	RDRNR	SPEDY	TRACK 276.98	8.24	12000	8400	AT/ABOVE 12000
		SPEDY	HIELO	TRACK 274.51	17.13	15500	9200	AT/ABOVE 15500
		HIELO	BUSLE	TRACK 267.54	55.45	FL 180	13600	
		BUSLE	GUP VORTAC	TRACK 277.21	25.84	FL 180	10900	
ZUNI	RDRNR1.ZUN	RDRNR	SPEDY	TRACK 276.98	8.24	12000	8400	AT/ABOVE 12000
		SPEDY	BEGGR	TRACK 254.33	17.30	15500	8900	AT/ABOVE 15500
		BEGGR	ZUN VORTAC	TRACK 254.23	93.29	FL 180	11300	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RWY 8: DO NOT EXCEED 230 KIAS UNTIL PASSING TYILR.
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 , ABQ AND ONM DME'S MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:
RWY 3: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 10600.
RWY 8: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 10000.

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.

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

CONTROLLING OBSTACLES:

RWY 3, 8: 10897 FT MSL TOWER 351249.89N – 1062703.38W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KABQ 11E EPOCH YR:1995
DME/DME ASSESSMENT: SAT (RNP 1.0)

AIRPORTS SERVED:

ALBUQUERQUE INTL SUNPORT, NM

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

REMARKS:

WAIVER: MINIMUM SEGMENT LENGTH FOLLOWING VA LEG

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

CHANGES:

ORIGINAL

REASONS:

08/31/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/23/2012.

1. CHANGED DP ROUTE DESCRIPTION FROM "ON ASSIGNED TRANSITION. EXPECT FURTHER CLEARANCE TO FILED ALTITUDE WITHIN FIVE MINUTES AFTER DEPARTURE." TO "ON ASSIGNED TRANSITION. MAINTAIN FL200, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE."

11/28/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/9/2012.

1. "NOTE: RWY 8: DO NOT EXCEED 230 KIAS UNTIL PASSING TYLIR" SPELLING OF WP CHANGED TO TYILR.

12/03/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/9/2012.

1. ADDED ABQ DEP CON TO COMMUNICATIONS.

FPT REQUESTED.

QUALITY 4 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW03 (AER)	350120.09N/1063750.17W	N	-	-	-	-			
6000 MSL	-	Y	-	VA	044.79	-			CG 500 FT/NM TO 10600
RDRNR	350529.58N/1064534.96W	Y	FB	DF	-	-	AT/ ABOVE 10300		LEFT TURN
RW08 (AER)*	350239.60N/1063705.69W	N	-	-	-	-			*DISPL THLD (1000)
5860		-	-	VA	090.43	-			CG 500 FT/NM TO 10000
TYILR	350237.83N/1063255.42W	Y	FO	DF	-	-		AT OR BELOW 230K	
RDRNR	350529.58N/1064534.96W	Y	FB	DF	-	11.51	AT/ ABOVE 10300		LEFT TURN
RDRNR	350529.58N/1064534.96W	Y	-	IF	-	-			
SPEDY	350801.96N/1065508.07W	Y	FB	TF	287.98	8.24	AT/ ABOVE 12000		
HIELO	351235.46N/1071516.61W	Y	FB	TF	285.51	17.13	AT/ ABOVE 15500		
BUSLE	352032.00N/1082218.00W	Y	FB	TF	278.54	55.45			
GUP	352833.60N/1085221.40W	Y	FB	TF	288.21	25.84			
RDRNR	350529.58N/1064534.96W	Y	-	IF	-	-			
SPEDY	350801.96N/1065508.07W	Y	FB	TF	287.98	8.24	AT/ ABOVE 12000		
BEGGR	350635.55N/1071608.75W	Y	FB	TF	265.33	17.30	AT/ ABOVE 15500		
ZUN	345756.71N/1090916.23W	Y	FB	TF	265.23	93.29			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR RNAV	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

ARINC PACKET - 424-18 - SID

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GUP   K2011510VTH  N35283360W108522140    N35283360W108522140E0140070532     NARGALLUP
        SUSAD        ZUN   K2011340VTHA N34575671W109091623    N34575671W109091623E0140065502     NARZUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEGGR K20    W     N35063555W107160875                      E0094     NAR           BEGGR
        SUSAEAENRT   BUSLE K20    W     N35203200W108221800                      E0098     NAR           BUSLE
        SUSAEAENRT   HIELO K20    W     N35123546W107151661                      E0094     NAR           HIELO
        SUSAEAENRT   RDRNR K20    W     N35052958W106453496                      E0091     NAR           RDRNR
        SUSAEAENRT   SPEDY K20    W     N35080196W106550807                      E0092     NAR           SPEDY
        SUSAEAENRT   TYILR K20    W     N35023783W106325542                      E0090     NAR           TYILR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2AABQ     0     137YHN35022470W106363310E011005355         1800018000C    MNAR    ALBUQUERQUE INTL SUNPORT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2DRDRNR14RW03  010         0        VA                    0338        + 06000     18000
        SUSAP KABQK2DRDRNR14RW03  020RDRNRK2EA0EE  L010DF                               + 10300
        SUSAP KABQK2DRDRNR14RW08  010         0        VA                    0794        + 05860     18000
        SUSAP KABQK2DRDRNR14RW08  020TYILRK2EA0EY   010DF                                                 230
        SUSAP KABQK2DRDRNR14RW08  030RDRNRK2EA0EE  L010DF                               + 10300
        SUSAP KABQK2DRDRNR16GUP   010RDRNRK2EA0E       IF                                             18000
        SUSAP KABQK2DRDRNR16GUP   020SPEDYK2EA0E    010TF                    27700082    + 12000
        SUSAP KABQK2DRDRNR16GUP   030HIELOK2EA0E    010TF                    27450171    + 15500
        SUSAP KABQK2DRDRNR16GUP   040BUSLEK2EA0E    010TF                    26750555
        SUSAP KABQK2DRDRNR16GUP   050GUP  K2D 0VE   010TF                    27720258
        SUSAP KABQK2DRDRNR16ZUN   010RDRNRK2EA0E       IF                                             18000
        SUSAP KABQK2DRDRNR16ZUN   020SPEDYK2EA0E    010TF                    27700082    + 12000
        SUSAP KABQK2DRDRNR16ZUN   030BEGGRK2EA0E    010TF                    25430173    + 15500
        SUSAP KABQK2DRDRNR16ZUN   040ZUN  K2D 0VE   010TF                    25420933

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KABQK2GRW03    0100000338 N35012009W106375017+0100    +15957053050000601 50IIBZY1
        SUSAP KABQK2GRW08    0137930794 N35023960W106370569+0300    +15987053151000541 50IISPT1
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDRNR RNAV	ONE	RDRNR1.RDRNR	NONE		10 JAN 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW03		010		VA		FB		033.8()		AA 06000	
	RW03	RDRNR	020		DF	L	FB	1.0			AA 10300	
	RW08		010		VA		FB		079.4()		AA 05860	
	RW08	TYILR	020		DF		FO	1.0				AB 230
	RW08	RDRNR	030		DF	L	FB	1.0			AA 10300	
	GUP	RDRNR	010		IF		FB					
	GUP	SPEDY	020		TF		FB	1.0	277.0()	008.2	AA 12000	
	GUP	HIELO	030		TF		FB	1.0	274.5()	017.1	AA 15500	
	GUP	BUSLE	040		TF		FB	1.0	267.5()	055.5		
	GUP	GUP	050		TF		FB	1.0	277.2()	025.8		
	ZUN	RDRNR	010		IF		FB					
	ZUN	SPEDY	020		TF		FB	1.0	277.0()	008.2	AA 12000	
	ZUN	BEGGR	030		TF		FB	1.0	254.3()	017.3	AA 15500	
	ZUN	ZUN	040		TF		FB	1.0	254.2()	093.3		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
GUP	N352833.60	W1085221.40	N3528.560	W10852.357
ZUN	N345756.71	W1090916.23	N3457.945	W10909.271
BEGGR	N350635.55	W1071608.75	N3506.593	W10716.146
BUSLE	N352032.00	W1082218.00	N3520.533	W10822.300
HIELO	N351235.46	W1071516.61	N3512.591	W10715.277
RDRNR	N350529.58	W1064534.96	N3505.493	W10645.583
SPEDY	N350801.96	W1065508.07	N3508.033	W10655.135
TYILR	N350237.83	W1063255.42	N3502.631	W10632.924
RW03	N350120.09	W1063750.17	N3501.335	W10637.836
RW08	N350239.60	W1063705.69	N3502.660	W10637.095

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03	05305	60
RW08	05315	54