

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
LARGO	THREE	LARGO3.ABQ	TWO	08/13/1998	12 OCT 2017

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
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DP ROUTE DESCRIPTION:

THIS IS A CORRECTD COPY OF THIS PROCEDURE PUBLISHED IN NFDD #162.

ALL AIRCRAFT CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO FILED/ASSIGNED ROUTE. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 5 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>
ZUNI	LARGO3.ZUN	ABQ VORTAC	ZUN VORTAC	255.35	115.34	11000	10900	
GALLUP	LARGO3.GUP	ABQ VORTAC	GUP VORTAC	271.96	104.30	13500	13500	
RATTLESNAKE	LARGO3.RSK	ABQ VORTAC	HANOS	340.00	59.00	15000	11700	
		HANOS	RSK VORTAC	295.06	70.15	15000	12500	

PROCEDURAL DATA NOTES:

CHART: DEPARTING RWY 8, DO NOT EXCEED 240 KTS UNTIL ESTABLISHED ON ASSIGNED HEADING.

CHART: RADAR REQUIRED.

CHART: DME REQUIRED FOR RATTLESNAKE TRANSITION.

CHART: CAUTION: MOUNTAINOUS TERRAIN ALL QUADRANTS.

CHART: CAUTION: HANG GLIDER ACTIVITY IN VICINITY OF MOUNTAINS.

TAKEOFF MINIMUMS:

RWY 3, 12, 21, 26, 30: STANDARD

RWY 8: STANDARD WITH A MINIMUM CLIMB OF 470 FT PER NM TO 7600.



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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.

NOTE: RWY 12, ELECTRICAL EQUIPMENT 36 FT FROM DER, 214 FT RIGHT OF CENTERLINE, 16 FT AGL/5315 FT MSL.

NOTE: RWY 21, TERRAIN BEGINNING 159 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 5315 FT MSL. TERRAIN BEGINNING 199 FT FROM DER, 100 FT LEFT OF CENTERLINE, UP TO 5311 MSL.

NOTE: RWY 26, SIGN 38 FT FROM DER, 431 FT LEFT OF CENTERLINE, 14 FT AGL/5314 FT MSL.

NOTE: RWY 30, SIGN 48 FT FROM DER, 178 FT RIGHT OF CENTERLINE, 15 FT AGL/5315 FT MSL. VEHICLE ON ROAD 229 FT FROM DER, 546 FT LEFT OF CENTERLINE, 19 FT AGL/5319 FT MSL. POLES AND TOWER BEGINNING 876 FT FROM DER, 480 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/5393 FT MSL.

CONTROLLING OBSTACLES:

RWY 8: 6959 FT MSL AAO ON TERRAIN AT 350047.61N/1062921.56W (CG) AND 7039 FT MSL AAO ON TERRAIN AT 350628.44N/1062844.30W (CTA).

LOST COMMUNICATIONS PROCEDURES:

IF NO TRANSMISSIONS ARE RECEIVED FOR 1 MINUTE AFTER DEPARTURE AND A CLIMB TO 14000 FEET OR HIGHER HAS NOT BEEN ISSUED, PROCEED DIRECT ABQ VORTAC, CLIMB IN HOLDING PATTERN TO 14000, THEN PROCEED VIA ASSIGNED FIX/ROUTE. IF CLEARED ABOVE 14000 FEET, CLIMB ON ASSIGNED HEADING TO 14000 FEET, THEN PROCEED VIA ASSIGNED ROUTE.

ADDITIONAL FLIGHT DATA:

CHART: HOLDING PATTERN AT ABQ VORTAC, HOLD W, LT, 077.00 INBOUND.

CHART: V12 FROM ABQ TO ZUN.

CHART: V291 FROM ABQ TO GUP.

CHART "T" SYMBOL.

DO NOT CHART MOCAS.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
ALBUQUERQUE INTL SUNPORT	ALBUQUERQUE	NM

COMMUNICATIONS:

ABQ TOWER, ABQ DEP CON, ATIS, CLNC DEL

FIXES AND/OR NAVAIDS:

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LARGO	THREE	LARGO3.ABQ	TWO	08/13/1998	12 OCT 2017

REMARKS:

FOR ATC USE ONLY (DO NOT CHART): SEE KABQ DIVERSE VECTOR AREA FOR AUTHORIZED DEPARTURE HEADINGS.

FLIGHT INSPECTED BY:

ROBIN CAUDLE
Digitally signed by
DONALD H LANIER
Aug 08, 2017

OFFICE SYMBOL:

FICO

DATE:

6/22/17

DEVELOPED BY:

SEAN BARBEE
Digitally signed by
SEAN BARBEE
Apr 28, 2017

OFFICE SYMBOL:

AJV-5431

DATE:

03/23/2017

APPROVED BY:

PATRICK MULQUEEN
Digitally signed by
DONALD H LANIER
Aug 08, 2017

OFFICE SYMBOL:

AJV-5430

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
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OTHER:

ABQ ATCT, ABQ DEP CON, CLNC DEL, ATIS

CHANGES - REASONS:

1. CHANGED DP ROUTE INSTRUCTIONS FROM "ALL AIRCRAFT FLY ASSIGNED HEADING FOR VECTORS..." TO "ALL AIRCRAFT CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS..." - APPLIED TERMINOLOGY FOR INITIAL CLIMB INSTRUCTIONS IAW 8260.46F, PARA 2-1-1G(2).
2. ADDED NOTE "RADAR REQUIRED" - RADAR VECTORS REQUIRED FOR DEPARTURE
3. ADDED NOTE "DME REQUIRED FOR RATTLESNAKE TRANSITION" - DME IS REQUIRED TO DEFINE FIX HANOS.
4. INCREASED MEA AND MOCA FROM 13300 TO 13500 FOR GUP TRANSITION - CONTOUR ELEVATION OF 11300 IDENTIFIED ON QUAD MAP, 200 FT AAO APPLIED IN PRIMARY OBSTACLE IDENTIFICATION SURFACE, AND FULL 2000 FT MOUNTAINOUS ROC APPLIED DUE TO IDENTIFICATION OF PRECIPITOUS TERRAIN IN SEGMENT.
5. INCREASED MOCA FROM 11400 TO 11700 FOR RSK TRANSITION SEGMENT FROM ABQ VORTAC TO HANOS - DTED AND AAO APPLIED TO PRIMARY OBSTACLE IDENTIFICATION SURFACE.
6. DELETED FROM ROUTE DESCRIPTION "WHEN WEATHER CONDITIONS ARE 5000' CEILING AND 7 MILES VISIBILITY OR GREATER, FOR INFORMAL NOISE ABATEMENT, REQUEST TURBOPROP AND TURBOJET, EXCEPT STOL AIRCRAFT, MAKING A LEFT TURN FROM RUNWAY 8, TO DELAY THEIR TURN UNTIL 13.5 DME FROM THE ABQ VORTAC" -- ATC REQUESTED REMOVAL OF THESE INSTRUCTIONS FROM DP ROUTE DESCRIPTION PER FPT INSTRUMENT FLIGHT PROCEDURE REQUEST CHECKLIST.
7. ADDED TAKEOFF MINIMUMS - ADDED TO MATCH DVA
8. ADDED NOTE "DEPARTING RWY 8, DO NOT EXCEED 240 KTS UNTIL ESTABLISHED ON ASSIGNED HEADING" - ADDED TO MATCH PUBLISHED DVA; SPEED RESTRICTION REQUIRED TO FACILITATE MITIGATION OF RAPIDLY RISING TERRAIN WEST OF AIRPORT.
9. ADDED TAKEOFF OBSTACLE NOTES - MATCH PUBLISHED TAKEOFF OBSTACLES AND (OBSTACLE) DEPARTURE PROCEDURES.
10. ADDED REMARK "SEE KABQ DIVERSE VECTOR AREA FOR AUTHORIZED DEPARTURE HEADINGS" -- PROVIDE ATC WITH AUTHORIZED IFR DEPARTURE HEADINGS.
11. ADDED "CHART V12 FROM ABQ TO ZUN" AND "CHART V291 FROM ABQ TO GUP" TO ADDITIONAL FLIGHT DATA - ADDED TO DEPICT COMMON ROUTES ALONG ENROUTE STRUCTURE.

09/06/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/8/2017.
CHANGED DP COMPUTER CODE FROM LARGO3.LARGO TO LARGO3.ABQ.

QUALITY
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CHECKED