

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BIG LAKE	TWO	BGQ2.BGQ	ONE	28 SEP 06	15 SEP 16

TYPE: OBSTACLE RNAV

DP ROUTE DESCRIPTION:

TAKEOFF RWY 31: CLIMB HEADING 312.67 TO 800, THEN CLIMBING LEFT TURN DIRECT BGQ VORTAC, CONTINUE CLIMB IN BGQ VORTAC HOLDING PATTERN (HOLD N, RT, 172.00 INBOUND) TO CROSS BGQ VORTAC AT OR ABOVE MEA FOR DIRECTION OF FLIGHT.

TAKEOFF RWY 13: CLIMB DIRECT NIYTI, THEN ON TRACK 150.34 TO BGQ VORTAC, CONTINUE CLIMB IN BGQ VORTAC HOLDING PATTERN (HOLD N, RT, 172.00 INBOUND) TO CROSS BGQ VORTAC AT OR ABOVE MEA FOR DIRECTION OF FLIGHT.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

RWY 31: STANDARD.

RWY 13: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 467 FT PER NM TO 700.

NOTE: GPS REQUIRED.

NOTE: RNAV-1

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 13, TOWER 5595 FT FROM DER, 1670 FT RIGHT OF CENTERLINE, 102 FT AGL/460 FT MSL.

NOTE: RWY 31, T-L TOWER 1058 FT FROM DER, 645 FT RIGHT OF CENTERLINE, 39 FT AGL/237 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 460 FT MSL TOWER 614359.94N-1500225.45W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: PAUO 21E, EPOCH YR: 2005.

DME/DME ASSESSMENT: NOT CONDUCTED.



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AIRPORTS SERVED:

WILLOW

WILLOW, AK

COMMUNICATIONS:

CTAF, AWOS, ANCHORAGE CENTER APP/DEP CON

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

AOPA, NBAA, ZAN, KENAI FSS, AMGR, AK AERO.

CHANGES:

1. CHANGED RWY 31 ROUTE DESCRIPTION FROM CLIMB VIA 312.67 HEADING...TO CLIMB HEADING 312.67....
2. CHANGED RWY 13 ROUTE DESCRIPTION FROM CLIMB DIRECT NIYTI, THEN CLIMBING RIGHT TURN VIA 150.34 TRACK... TO CLIMB DIRECT NIYTI THEN ON TRACK 150.34....
3. RWY 31: ADDED NEW LOW-CLOSE-IN OBSTACLE.
4. RWY 13: UPDATED TAKEOFF OBSTACLE NOTE.
5. RWY 13: UPDATED THE CONTROLLING OBS 02-020011 HEIGHT AND COORDINATES.



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REASONS:

1. TO COMPLY WITH CURRENT ROUTE DESCRIPTION CRITERIA.
2. TO COMPLY WITH CURRENT ROUTE DESCRIPTION CRITERIA.
3. NEW LOW CLOSE-IN OBSTACLE IDENTIFIED.
4. TAKEOFF OBSTACLE HEIGHT, LOCATION ADJUSTED IAW OBSTACLE CHANGE OF 03/03/16 PER AIRNAV.
5. CONTROLLING OBS 02-020011 DATA WAS MODIFIED 03/03/16 PER AIRNAV.



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
BIG LAKE		TWO	BGQ2.BGQ				ONE	28 SEP 06	15 SEP 16
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW13 (AER)	614535.44N /1500326.46W	N	-	-	-	-			
NIYTI	614309.13N /1500053.84W	Y	FO	DF		2.73			
BGQ VORTAC	613410.04N /1495801.72W	Y	FO	TF	171.34	9.11	# @		#AT/ABOVE MEA @CONTINUE CLIMB IN HOLD TO MEA REQUIRED IF NOT AT MEA
RW31 (AER)*	614500.14N /1500249.60W*	N	-	-	-	-			*DISPL THLD (400 FT)
800 MSL		-	-	VA	333.67	-	AT/ABOVE 800		#AT/ABOVE MEA @CONTINUE CLIMB IN HOLD TO MEA
BGQ VORTAC	613410.04N /1495801.72W	Y	FO	DF	-	-	# @		REQUIRED IF NOT AT MEA

QUALITY
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CHECKED