

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BLAKO	ONE	BLAKO1.BLAKE	NONE		31 MARCH 2016

**THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 16-07**

**TYPE:** OBSTACLE RNAV

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 16: CLIMB HEADING 161.59 TO 600 THEN CLIMBING LEFT TURN TO 6000 DIRECT BLAKO, THENCE...  
TAKEOFF RWY 34: CLIMB HEADING 341.59 TO 600 THEN CLIMBING RIGHT TURN TO 6000 DIRECT BLAKO, THENCE...

...CLIMB IN BLAKO HOLDING PATTERN (HOLD S, RT, 343.00 INBOUND, 4 NM LEGS) TO CROSS BLAKO AT OR ABOVE MEA FOR ROUTE 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

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: GPS REQUIRED  
NOTE: RNAV 1

**TAKE OFF MINIMUMS:**

RWY 16, STANDARD WITH MINIMUM CLIMB OF 500 FT/PER NM TO 600 THEN 360 FT/PER NM TO 3200.  
RWY 34, STANDARD WITH MINIMUM CLIMB OF 500 FT/PER NM TO 600 THEN 360 FT/PER NM TO 3200.

**TAKEOFF OBSTACLES NOTES:**

- RWY 16: BUILDING 355 FT FROM DER, 482 FT RIGHT OF CENTERLINE 31 FT AGL/97 FT MSL. AAO 3.2 NM FROM DER, 3643 LEFT OF CENTERLINE, 200 FEET AGL/724 FEET MSL.
- RWY 34: AAO 3.2 NM FROM DER, 5520 RIGHT OF CENTERLINE, 200 FEET AGL 639 FEET MSL, PWRLN 1804 FEET FROM DER, ON CENTERLINE, 80 FEET AGL 122 FEET MSL.

**CONTROLLING OBSTACLES:**

RWY 16: 4600 FT MSL AAO, 470539.22N/1215153.42W (CLIMB GRADIENT AND CLIMB TO ALTITUDE)  
RWY 34: 588 FT MSL TOWER, 472013.14N/1221139.70W (CLIMB GRADIENT), 4600 FT MSL AAO, 470539.22N/1215153.42W (CLIMB TO ALTITUDE)  
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 16, 34: 14610 FT MSL AAO 465107.40N/1214521.90W

**LOST COMMUNICATIONS PROCEDURES:**



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**ADDITIONAL FLIGHT DATA:**

CHART HOLDING PATTERN AT BLAKO: HOLD S, RT, 343.00 INBOUND, 4 NM LEGS  
CHART SPEED ICON: MAXIMUM SPEED 175 AT BLAKO  
DME/DME ASSESSMENT: NOT CONDUCTED  
CHART V4  
REFERENCE MAG VAR: KS50 18E EPOCH YEAR 2005

**AIRPORTS SERVED:**

AUBURN MUNI

AUBURN, WA

**COMMUNICATIONS:**

SEA DEP CON, SEA CLNC DEL

**FIXES AND/OR NAVAIDS:**

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**REMARKS:**

175 KNOT PATTERN REQUEST BY ATC THROUGH FPT EMAIL.  
VA DF LEG PASSED EVALUATION BY THE AFS CERTIFIED CALCULATOR.

**FLIGHT INSPECTED BY:** *Digitally signed by*  
ANTHONY ERIC BAMSEY **ALLAN WILL** FIOG  
Feb 17, 2016

02/05/2016

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:** *Digitally signed by*  
AJ FIELDS **AJ FIELDS** AJV-5431

01/06/2016

**APPROVED BY:** *Jan 06, 2016  
Digitally signed by*  
LONNIE EVERHART **ALLAN WILL** AJV5430  
Feb 17, 2016

**COORDINATED WITH:**

**CHANGES:**

FPT REQUEST CANCEL AUBURN ONE AND DEVELOP RNAV ODP

**REASONS:**

ORIGINAL RNAV PROCEDURE DEVELOPED DUE TO UNUSABLE RADIALS OF TCM VORTAC.

- 02/16/2016 THIS IS A CORRECTED COPY FOR THE FORM APPROVED ON 02/05/2016  
PER FLIGHT CHECK ADDED THE LOW-CLOSE-INS THAT WERE DOCUMENTED ON THE PREVIOUS AUBURN DEPARTURE.
- 1. RWY 16 AAO 3.2 NM FROM DER, 3643 LEFT OF CENTERLINE, 200 FEET AGL/724 FEET MSL.
- 2. RWY 34: AAO 3.2 NM FROM DER, 5520 RIGHT OF CENTERLINE, 200 FEET AGL 639 FEET MSL, PWRLN 1804 FEET FROM DER, ON CENTERLINE, 80 FEET AGL 122 FEET MSL.
- 3. CORRECT THE YEAR TO 2016 IN THE DEVELOPED BY COLUMN.
- 4. ADDED FLIGHT INSPECTED BY INFORMATION



## DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code			Superseded Number		Dated	Effective Date
BLAKO		ONE	BLAKO1.BLAKE			NONE			31 MARCH 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RWY 16 (AER)	471956.43N/1221336.13W	N							CG 500 FT/NM TO 600
600 MSL				VA	179.59				CG 360 FT/NM TO 3200
BLAKO	471935.77N/1220405.28W	Y	FB	DF			AT/ABOVE 6000		LEFT TURN
RWY 34 (AER)E	471922.90N/1221335.78W	N							CG 500 FT/NM TO 600
600 MSL				VA	359.59				CG 360 TO 3200
BLAKO	471935.77N/1220405.28W	Y	FB	DF			AT/ABOVE 6000		RIGHT TURN
BLAKO	471935.77N/1220405.28W	Y		IF					
BLAKO	471935.77N/1220405.28W	Y	FO	HA	001.00	4	AT/ABOVE 6600	ATAT 175	RIGHT TURN

QUALITY  
4  
CHECKED