

**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.

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
BINAL						TWO	BINAL2.BINAL	ONE	12/25/2003	5 DECEMBER 2019
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV					
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 8:** CLIMB DIRECT HITEN, THEN RIGHT TURN DIRECT BINAL, THENCE...

**TAKEOFF RWY 26:** CLIMB DIRECT BOYAR, THEN ON TRACK 226.31 TO BINAL, THENCE...

...ON ASSIGNED ROUTE, MAINTAIN 5000, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
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THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-23.

**PROCEDURAL DATA NOTES:**

NOTE: GPS REQUIRED

NOTE: RNAV1

**TAKEOFF MINIMUMS:**

**RWY 8, 26:** STANDARD

**TAKEOFF OBSTACLES NOTES:**

**NOTE: RWY 08,** TREES BEGINNING 77 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/43 FT MSL. TREES BEGINNING 142 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/30 FT MSL.

**NOTE: RWY 26,** TREES BEGINNING 21 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/40 FT MSL. TREE 265 FT FROM DER, 559 FT LEFT OF CENTERLINE, 20 FT AGL/34 FT MSL. TREES BEGINNING 296 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/40 FT MSL.

**CONTROLLING OBSTACLES:**

OBSTACLES MANDATING ODP ROUTE: RWY 8/26, 4442 FT MSL TERRAIN 553826.80N/1611250.60W, 6192 FT MSL TERRAIN 552733.80N/1615108.20W, 8300 FT MSL TERRAIN 552503.40N/1615343.40W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

NOTE: DME/DME ASSESSMENT: NOT CONDUCTED.

REFERENCE MAG VAR: PAOU 11E. EPOCH YR: 2020

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
NELSON LAGOON (PAOU)	NELSON LAGOON	AK

**COMMUNICATIONS:**

ZAN, ASOS, CTAF



QUALITY  
23  
CHECKED

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)**

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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
BINAL	TWO	BINAL2.BINAL	ONE	12/25/2003	5 DECEMBER 2019

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

ABBREVIATED AMENDMENT

**FLIGHT INSPECTED BY:**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018,  
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

**OFFICE SYMBOL:**

**DATE:**

*Digitally signed by*

**HEIDI SNIDER**

Oct 25, 2019

**OFFICE SYMBOL:**

**DATE:**

AJV-5400

07/03/2018

**DEVELOPED BY:**

*Digitally signed by*

**HEIDI SNIDER**

LONNIE EVERHART (CASEY HILL)

Oct 25, 2019

**APPROVED BY:**

*Digitally signed by*

**HEIDI SNIDER**

LONNIE EVERHART

Oct 25, 2019

**OFFICE SYMBOL:**

**DATE:**

AJV-5400

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ZAN, ANC FPO

**CHANGES - REASONS:**

ADDED A4A AND REMOVED ATA FROM COORDINATED WITH BLOCK - AIRPORT SERVED BY SCHEDULED AIR CARRIERS/ATA REPLACED BY A4A.

REMOVED CDB VORTAC FROM FIXES AND NAVAIDS - NO LONGER USED ON PROCEDURE.

UPDATED DP ROUTE DESCRIPTION - IAW CURRENT CRITERIA.

ADDED REFERENCE MAG VAR TO ADDITIONAL FLIGHT DATA - MAGVAR UPDATE.

MOVED GPS REQUIRED FROM ADDITIONAL FLIGHT DATA TO PROCEDURAL NOTES - IAW CURRENT CRITERIA.

ADDED DME/DME ASSESSMENT: NOT CONDUCTED NOTE - IAW CURRENT CRITERIA.

UPDATED CONTROLLING OBSTACLES - TO SHOW ODP MANDATED ROUTE.

ADDED AIRPORT ID TO AIRPORT NAME - IAW CRITERIA.

REMOVED **NOTE:** FOR USE BY /E, /F, /R, (RNP 2.0) AND /G EQUIPPED AIRCRAFT FROM ADDITIONAL FLIGHT DATA - MOVED TO PROCEDURAL DATA NOTES.

REMOVED WP FROM FIXES IN DATA RECORD - IAW CURRENT CRITERIA.

REMOVED BINAL.2.BINAL FROM BOTH RUNWAYS IN DATA RECORD - TRANSITIONS NO LONGER USED.

CHANGED BOYAR FROM FB TO FO IN DATA RECORD - MITIGATION OF REQUIRED CLIMB GRADIENT.

ADDED TAKEOFF OBSTACLE NOTES - NEW SURVEY DATA EVALUATED IN TARGETS.

10/25/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/06/2018.

1. ADDED ZAN, ASOS, CTAF TO COMMUNICATIONS BLOCK.

QUALITY  
23  
CHECKED

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>EFFECTIVE DATE</u>
BINAL		TWO		BINAL2.BINAL		ONE		12/25/2003	5 DECEMBER 2019
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RWY 8 (AER)	560029.21N-1611012.33W	N							
HITEN	555954.41N-1610032.29W	Y	FO	DF		5.46			
BINAL	554559.99N-1615956.43W	Y	FB	DF		36.24			RIGHT TURN
RWY 26 (AER)	560025.05N-1610902.31W	N							
BOYAR	560059.52N-1611848.61W	Y	FO	DF		5.52			
BINAL	554559.99N-1615956.43W	Y	FB	TF	237.31	27.60			

QUALITY  
23  
CHECKED