

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.

<b>DP Name</b>	<b>Number</b>	<b>DP Computer Code</b>	<b>Superseded Number</b>	<b>Dated</b>	<b>Effective Date</b>
BIBNE	THREE	BIBNE3.BIBNE	TWO	29-JUL-10	05/31/2012

**TYPE:** RNAV OBSTACLE

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 7: CLIMB TO 3000 DIRECT EPUTE, AND ON TRACK 072.05 TO CAGU AND CLIMBING RIGHT TURN DIRECT BIBNE, BEFORE PROCEEDING ON COURSE.  
 TAKEOFF RWY 25: CLIMB TO 3000 DIRECT CATLU, AND ON TRACK 251.30 TO BIBNE, BEFORE PROCEEDING ON COURSE.

**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: PILOTS OF RNP CAPABLE AIRCRAFT USE RNP 1.0  
 NOTE: RNAV 1

RWY 7, STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 3000  
 RWY 25, STANDARD

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 7, LIGHTS BEGINNING 9 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/117 FT MSL. LIGHTS BEGINNING 9 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/117 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 2110 FT RIGHT OF CENTERLINE, 60 FT AGL/309 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 1199 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/709 FT MSL. RISING TERRAIN 1.4 NM FROM DER, 1605 FT RIGHT OF CENTERLINE, UP TO 651 FT MSL.

NOTE: RWY 25 LIGHTS BEGINNING 9 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/84 FT MSL. LIGHTS BEGINNING 9 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/84 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 7: 309 FT MSL TREE 615137.23N/1615840.29W, 709 FT MSL TREE 615130.07N/1615702.76W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7 - 1749 FT MSL AAO 615010.00N/1615303.00, 1949 FT MSL AAO 614944.00N/1615159.00W, 2028 FT MSL TOWER 615540.11N/1615945.26W. RWY 25 - 2028 FT MSL TOWER 615540.11N/1615945.26W

**LOST COMMUNICATIONS PROCEDURES:**



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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BIBNE	THREE	BIBNE3.BIBNE	TWO	29-JUL-10	05/31/2012

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**ADDITIONAL FLIGHT DATA:**

REFERENCE MAGVAR: PADM 13E EPOCH YR: 15  
DME/DME ASSESSMENT: NOT CONDUCTED

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**AIRPORTS SERVED:**

MARSHALL DON HUNTER SR

MARSHALL, AK

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**COMMUNICATIONS:**

ZAN, AWOS-3

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

QUALITY  
9  
CHECKED

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BIBNE	THREE	BIBNE3.BIBNE	TWO	29-JUL-10	05/31/2012

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**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

05/31/2012

**DEVELOPED BY:**

ADOLFO URRUTIA (BRYAN BLUE)                      AJV-354                      02/02/2012

**APPROVED BY:**

DEZ SILAGYI                      AJV-354

**COORDINATED WITH:**

AOPA NBAA, ZAN, AMGR, STATE OF ALASKA DOT P&F

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**CHANGES:**

1. MAGVAR UPATED CHANGED FROM 15E TO 13E
2. TAKEOFF MINIMUMS CHANGED RWY 7 FROM "STANDARD WITH MINIMUM CLIMB OF 500' PER NM TO 2600" TO "STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 3000"
3. DP ROUTE CHANGED FROM "RWY 7: CLIMB TO 3000 DIRECT EPUTE, AND VIA TRACK 070.04 TO CAGUL, AND ON TRACK 159.98 TO FARLU, AND RIGHT TURN ON TRACK 269.52 TO BIBNE, BEFORE PROCEEDING ON COURSE" TO "TAKEOFF RWY 7: CLIMB TO 3000 DIRECT EPUTE, AND ON TRACK 072.05 TO CAGUL, AND CLIMBING RIGHT TURN DIRECT BIBNE, BEFORE PROCEEDING ON COURSE"
4. DP ROUTE CHANGED FROM "RWY 25: CLIMB TO 3000 DIRECT CATLU, AND ON TRACK 249.91 TO BIBNE, BEFORE PROCEEDING ON COURSE" TO "TAKEOFF RWY 25 CLIMB TO 3000 DIRECT CATLU, AND ON TRACK 251.30 TO BIBNE, BEFORE PROCEEDING ON COURSE"

**REASONS:**

1. PER AVNIS
2. PER FPT DUE TO REQUIRED OBSTACLE CLEARANCE
- 3, 4. MAGVAR FOR PADM CHANGED

03/16/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/02/12.

1. REMOVED SID FROM PROCEDURE TYPE AND ADDED OBSTACLE



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BIBNE RNAV	THREE	BIBNE3.BIBNE	TWO	29-JUL-10	5/31/2012

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW07 (AER)	615149.66N/1620207.27W	N							CG 415 FT/NM TO 3000
EPUTE	615202.72N/1615648.38W	Y	FO	DF		2.53			
CAGUL	615229.11N/1614551.88W	Y	FO	TF	085.05	5.20			
BIBNE	614856.52N/1630002.73W	Y	FB	DF		35.34			CLIMBING RIGHT TURN
RW25 (AER)	615152.40N/1620100.80W								
CATLU	615139.17N/1620619.63W	Y	FO	DF		2.53			
BIBNE	614856.52N/1630002.73W	Y	FB	TF	264.30	25.61			

QUALITY  
CHECKED



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BIBNE RNAV	THREE	BIBNE3.BIBNE	TWO	07/29/2010	5/31/2012

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW07	EPUTE	010		DF		FO	1.0				
	RW07	CAGUL	020		TF		FO	1.0	072.1()	005.2		
	RW07	BIBNE	030		DF	R	FB	1.0			AA 03000	
	RW25	CATLU	010		DF		FO	1.0				
	RW25	BIBNE	020		TF		FB	1.0	251.3()	025.6	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIBNE	N614856.52	W1630002.73	N6148.942	W16300.046
	CAGUL	N615229.11	W1614551.88	N6152.485	W16145.865
	CATLU	N615139.17	W1620619.63	N6151.653	W16206.327
	EPUTE	N615202.72	W1615648.38	N6152.045	W16156.806
	RW07	N615149.66	W1620207.27	N6151.828	W16202.121
	RW25	N615152.40	W1620100.80	N6151.873	W16201.013

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00083	40
	RW25	00115	50

# RADIO FIX AND HOLDING DATA RECORD

NAME: BIBNE

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 614856.52N/1630002.73W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

**USE TYPE**

DP

EN ROUTE

IAP

**USE TITLE**

BIBNE RNAV DEPARTURE

B-27

RNAV (GPS) RWY 35

**FAC**

**PAT**

**AIRPORT IDENT**

PADM

PASM

**CITY**

MARSHALL

ST MARY'S

**STATE**

AK (US)

(US)

AK (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/31/2012

**REASON FOR REVISION:**

1. MOVED FIX 2695.84FT FROM: 614910.45N/1630050.50W. AIRWAY MOVED WITH NEW LOCATION OF SMA NDB.
2. UPDATED FIX USE AND REQUIRED CHARTING.

DEVELOPED BY:

DATE: 12/15/2011

OFFICE: AJV-354

NAME: ROY CURRIE

APPROVED BY:

DATE:

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZAN

ATC FACILITY:

OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: CAGUL

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 615229.11N/1614551.88W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
DP

USE TITLE

BIBNE RNAV DEPARTURE

FAC

PAT

AIRPORT IDENT

PADM

CITY

MARSHALL

STATE

AK (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

UPDATED FIX USE

FIX MOVED 17.29FT SOUTHEAST

DEVELOPED BY:

DATE: 01/26/2012

OFFICE: AJV-354

NAME: ADOLFO URRUTIA (BRYAN BLUE)

APPROVED BY:

DATE:

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZAN

ATC FACILITY:

OTHER:

QUALITY  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CATLU

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 615139.17N/1620619.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
DP

USE TITLE

BIBNE RNAV DEPARTURE

FAC

PAT

AIRPORT IDENT

PADM

CITY

MARSHALL

STATE

AK (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

UPDATED FIX USE

FIX MOVED 7.50FT NORTH

DEVELOPED BY:

DATE: 02/02/2012

OFFICE: AJV-354

NAME: ADOLFO URRUTIA (BRYAN BLUE)

APPROVED BY:

DATE:

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZAN

ATC FACILITY:

OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: EPUTE

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 615202.72N/1615648.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
DP

USE TITLE  
BIBNE RNAV DEPARTURE

FAC PAT

AIRPORT IDENT  
PADM

CITY  
MARSHALL

STATE  
AK (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

UPDATED FIX USE  
FIX MOVED SOUTH 11.26FT

DEVELOPED BY:

DATE: 01/24/2012

OFFICE: AJV-354

NAME: ADOLFO URRUTIA (BRYAN BLUE)

APPROVED BY:

DATE:

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZAN  
ATC FACILITY:  
OTHER:

QUALITY  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FARLU

STATE: AK

COUNTRY: US

LATITUDE/LONGITUDE: 614004.29N/1614334.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:  
USE TYPE  
DP

USE TITLE  
BIBNE RNAV DEPARTURE

FAC PAT

AIRPORT IDENT  
PADM

CITY  
MARSHALL

STATE  
AK (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/29/2010

REASON FOR REVISION:  
REMOVED FAC 1.  
UPDATED FIX USE.

DEVELOPED BY:

DATE: 03/05/2012

OFFICE: AJV-354

NAME: ADOLFO URRUTIA (BRYAN BLUE)

APPROVED BY:

DATE:

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZAN  
ATC FACILITY:  
OTHER:

QUALITY  
CHECKED



# Federal Aviation Administration

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## Memorandum

Date: March 12, 2012

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Dez Silagyi, Manager, Terminal Procedures & Charting Services, Western Team, AJV-354

Subject: **ACTION:** Magnetic Variation Change

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The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility' column will be revised effective concurrent with the publication of the procedure(s) listed below.

**RNAV (GPS) RWY 7, AMDT 2**  
**RNAV (GPS) -A, AMDT 2**  
**BIBNE THREE DEPARTURE (RNAV)**

Estimated Chart Date: 05/31/2012

Runway Numbers are not affected

Please publish these changes in the National Flight Data Digest.

### ALASKA

<u>Location</u>	<u>Name</u>	<u>Airport /Facility</u>	<u>Identifier</u>	<u>Assigned Magnetic Variation Value</u>	<u>Epoch Year</u>
Marshall	Marshall Don Hunter SR	Airport	PADM/ MDM	Old 15 ° East New 13 ° East	2015

If you have any questions please notify Dez Silagyi, [dez.silagyi@faa.gov](mailto:dez.silagyi@faa.gov) (405) 954-9977