Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: SID	Date Open: 01/14/2011	Task #: 2010032621781502005	Request #: 20100326217815
Procedure: SID RDFLG (RNAV) ONE FAIRBANKS AK PAFA		Airport ID: PAFA	Airport: FAIRBANKS INTL		Reimbursable #:
City: FAIRBANKS	ST: AK	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID:	Fac. Type: Proc JR	Specialist: CATHERINE CHILDRESS			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/30/2011	04/11/2012	STEVEN SZUKALA	
QA:	04/11/2012	04/11/2012	STEVEN SZUKALA	
Liaison:	04/11/2012		Alfonso	

Procedure Comments: ENROUTE **Remark Type:** INFORMATION

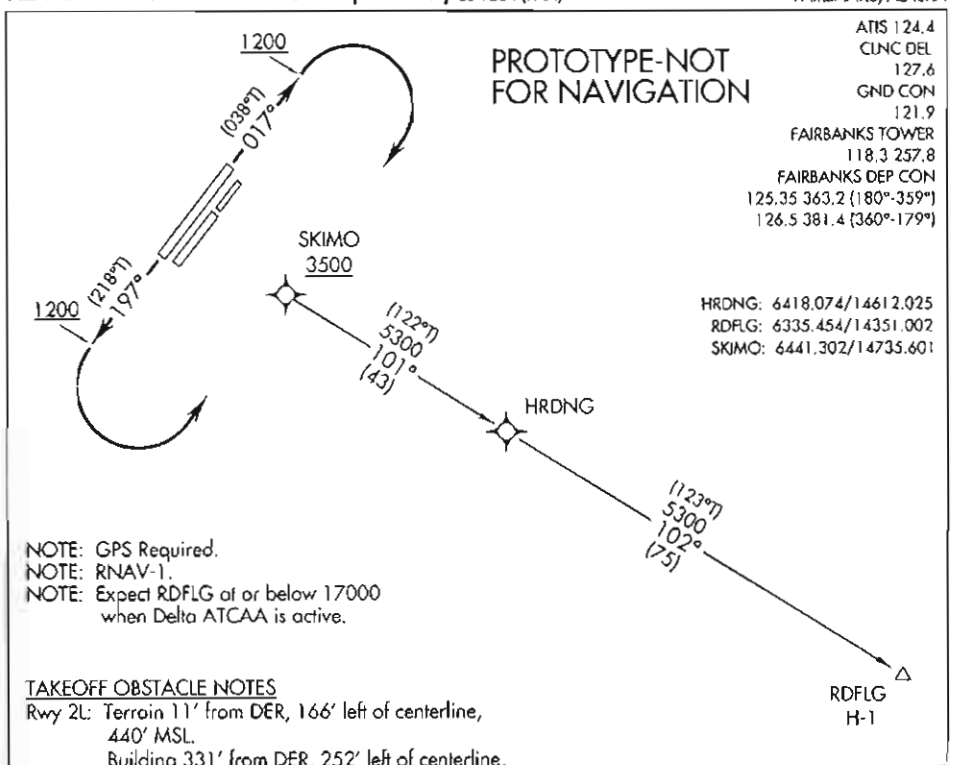
pg 2 of 3

FAIRBANKS, AK FAIRBANKS INTL (PAFA) RDFLG ONE (SID) ENROUTE-YES FC: 7.24.12 PUB: 9.20.12

ATTACHED FORMS: 8260-15B; 8260-15C; 8260-2(S): HRDNG, ORIG; RDFLG, ORIG; SKIMO, ORIG.

CONTACT: ADOLFO URRUTIA, AJV-354 LEAD, 405 954.2079:

RDFLG ONE DEPARTURE (RNAV) SL-1234 (FAA)



NOTE: GPS Required.
NOTE: RNAV-1.
NOTE: Expect RDFLG at or below 17000 when Delta ATCAA is active.

TAKEOFF OBSTACLE NOTES

Rwy 2L: Terrain 11' from DER, 166' left of centerline, 440' MSL.
Building 331' from DER, 252' left of centerline, 13' AGL/448' MSL.

Rwy 20R: Building 7' from DER, 425' right of centerline, 22' AGL/447' MSL.
Terrain beginning 194' from DER, 122' left of centerline, up to 453' MSL.
Terrain beginning 34' from DER, 66' right of centerline, up to 457' MSL.

TAKEOFF MINIMUMS

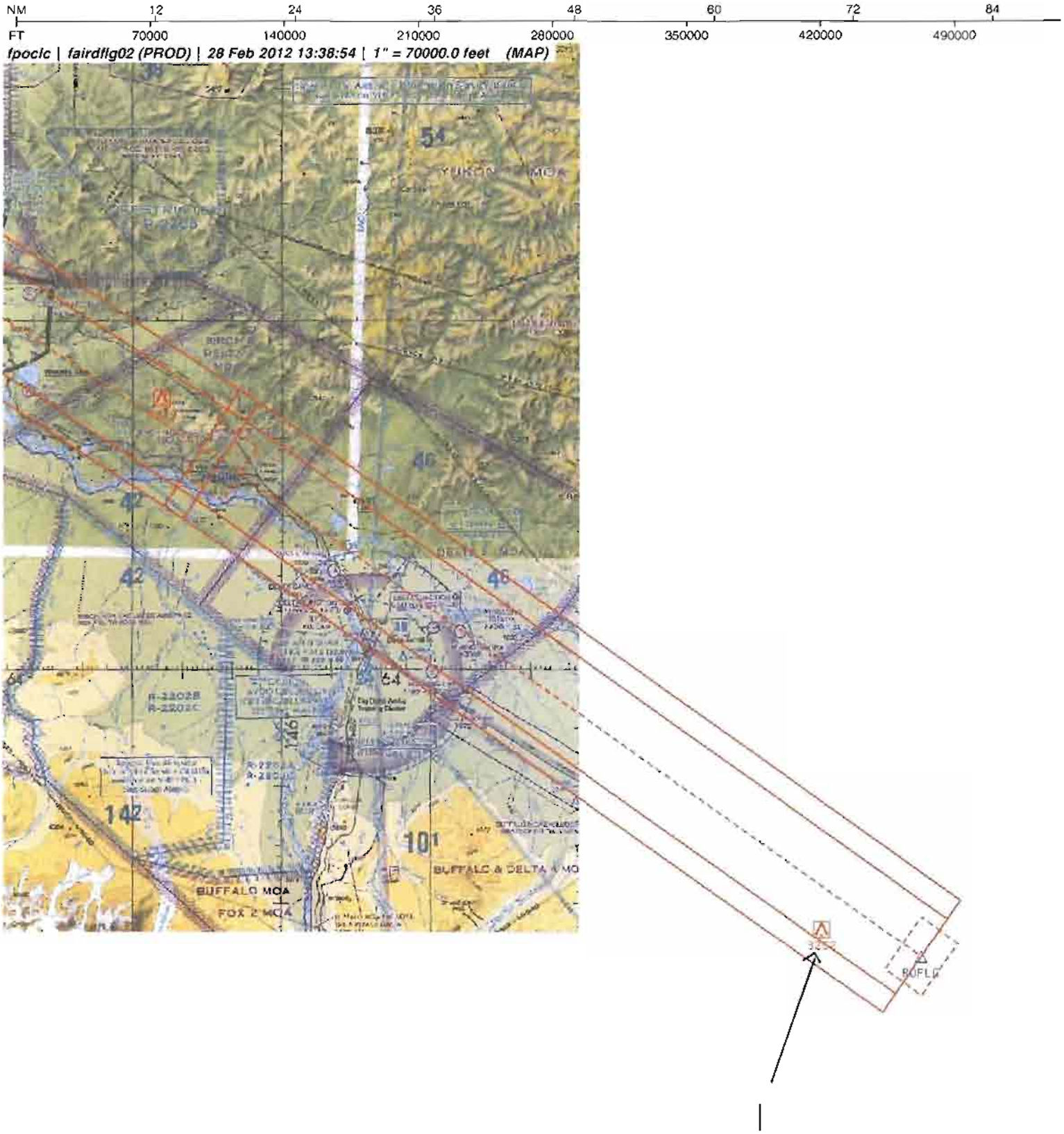
Rwy 2R, 20L: NA - ATC
Rwy 2L, 20R: Standard with minimum climb of 500' per NM to 1700.

NOTE: Chart not to scale.

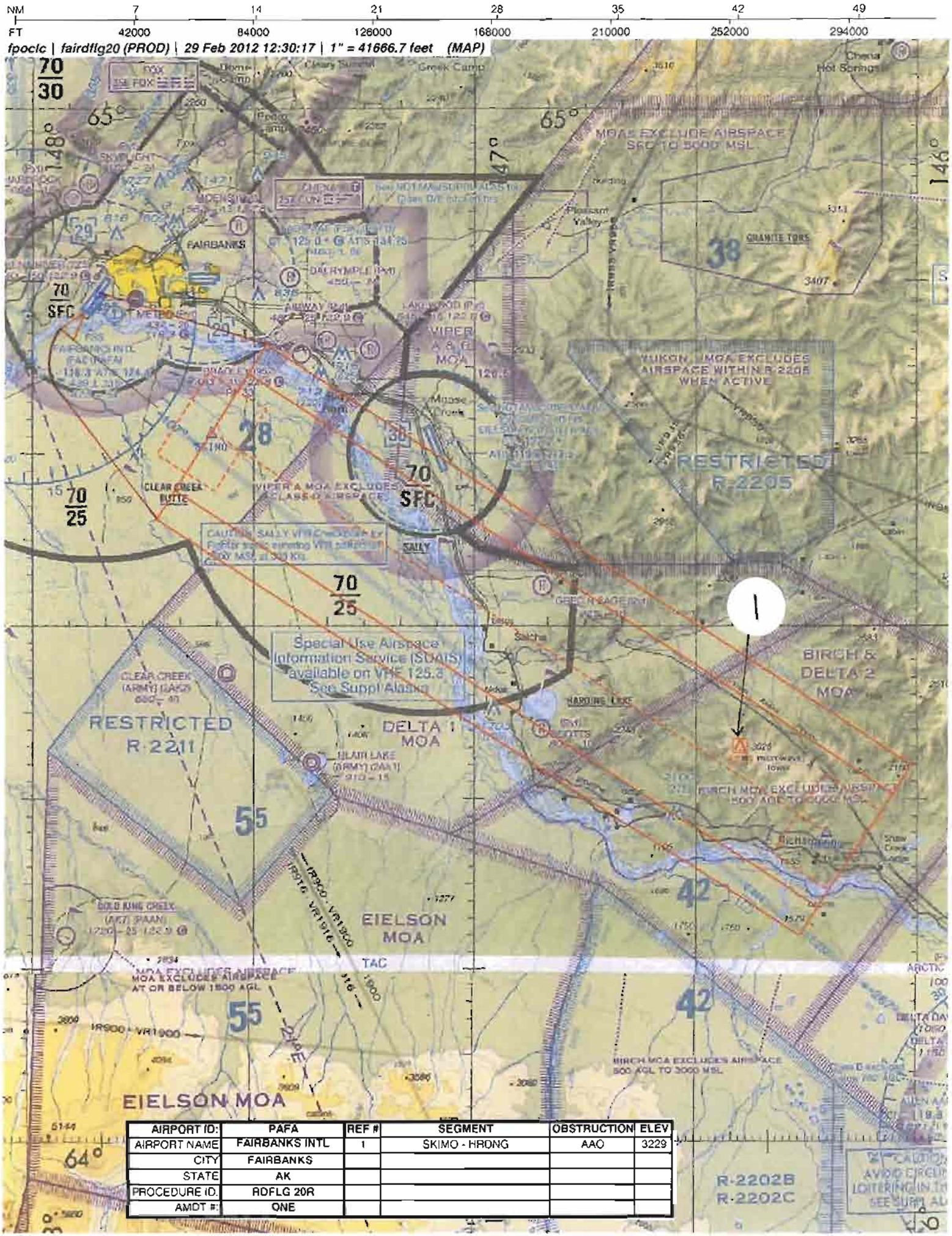
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 017° to at or above 1200, then climbing right turn direct SKIMO, cross SKIMO at or above 3500.
TAKEOFF RUNWAY 20R: Climb heading 197° to at or above 1200, then climbing left turn direct SKIMO, cross SKIMO at or above 3500.

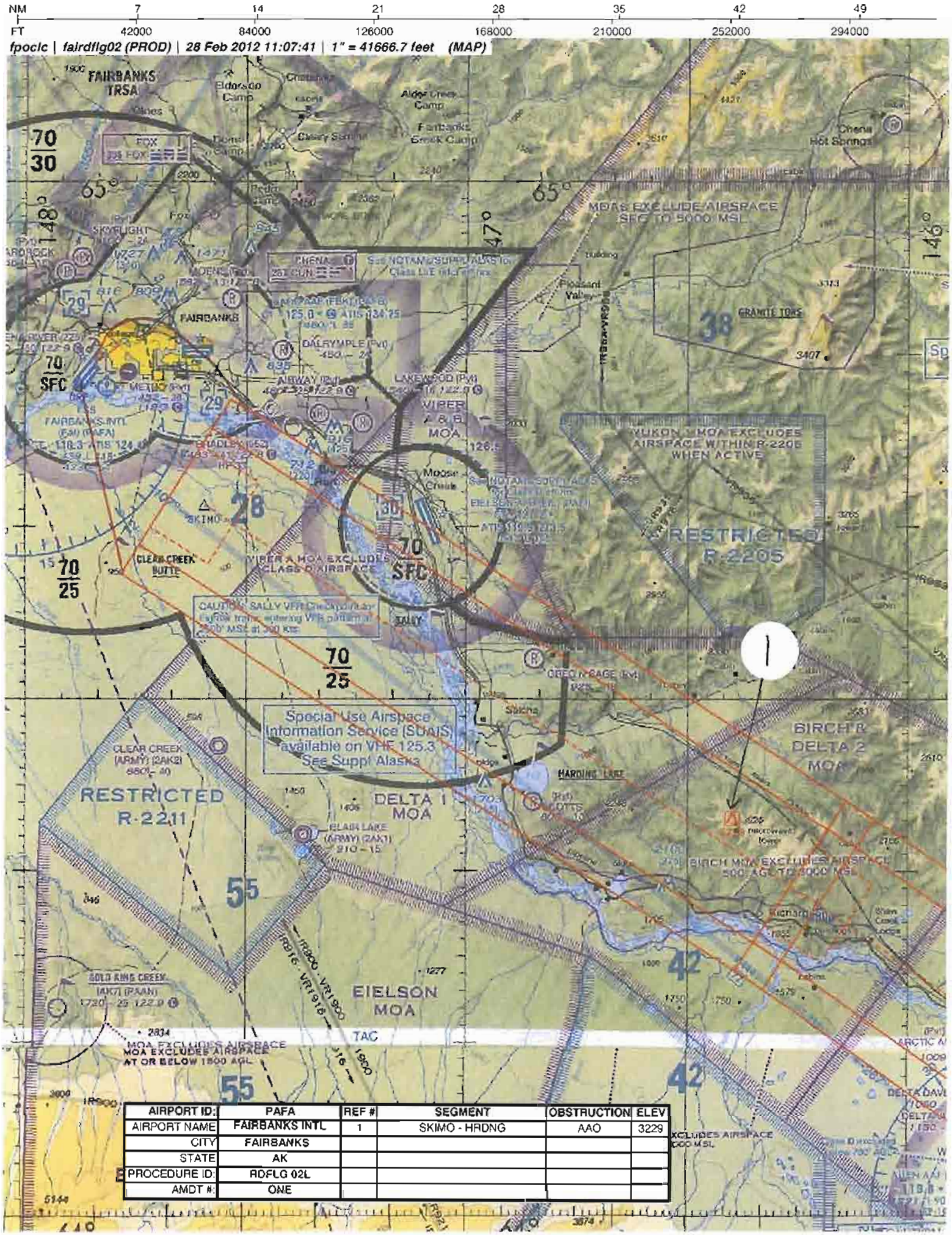
RDFLG TRANSITION (RDFLG1.RDFLG)



AIRPORT ID:	PAFA	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME	FAIRBANKS INTL	I	HRDNG - RDFLG	AAO	3252
CITY	FAIRBANKS				
STATE	AK				
PROCEDURE ID.	RDFLG				
AMDT #	ONE				



AIRPORT ID:	PAFA	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME	FAIRBANKS INTL	1	SKIMO - HRONG	AAO	3229
CITY	FAIRBANKS				
STATE	AK				
PROCEDURE ID.	RDFLG 20R				
AMDT #:	ONE				



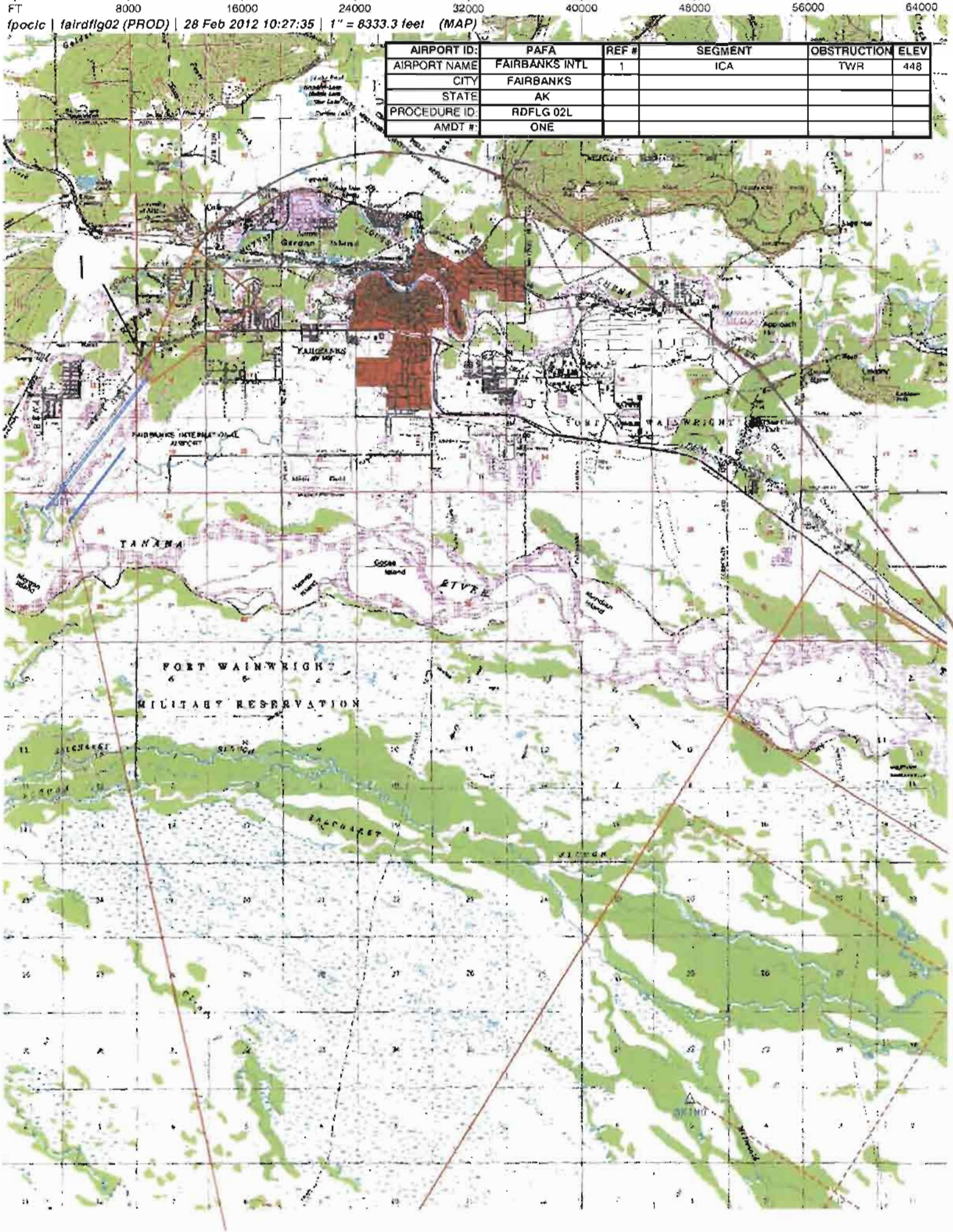
AIRPORT ID:	PAFA	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME	FAIRBANKS INTL	1	SKIMO - HRDNG	AAO	3229
CITY	FAIRBANKS				
STATE	AK				
PROCEDURE ID:	RDFLG 02L				
AMDT #:	ONE				

NM 1 2 3 4 5 6 7 8 9 10

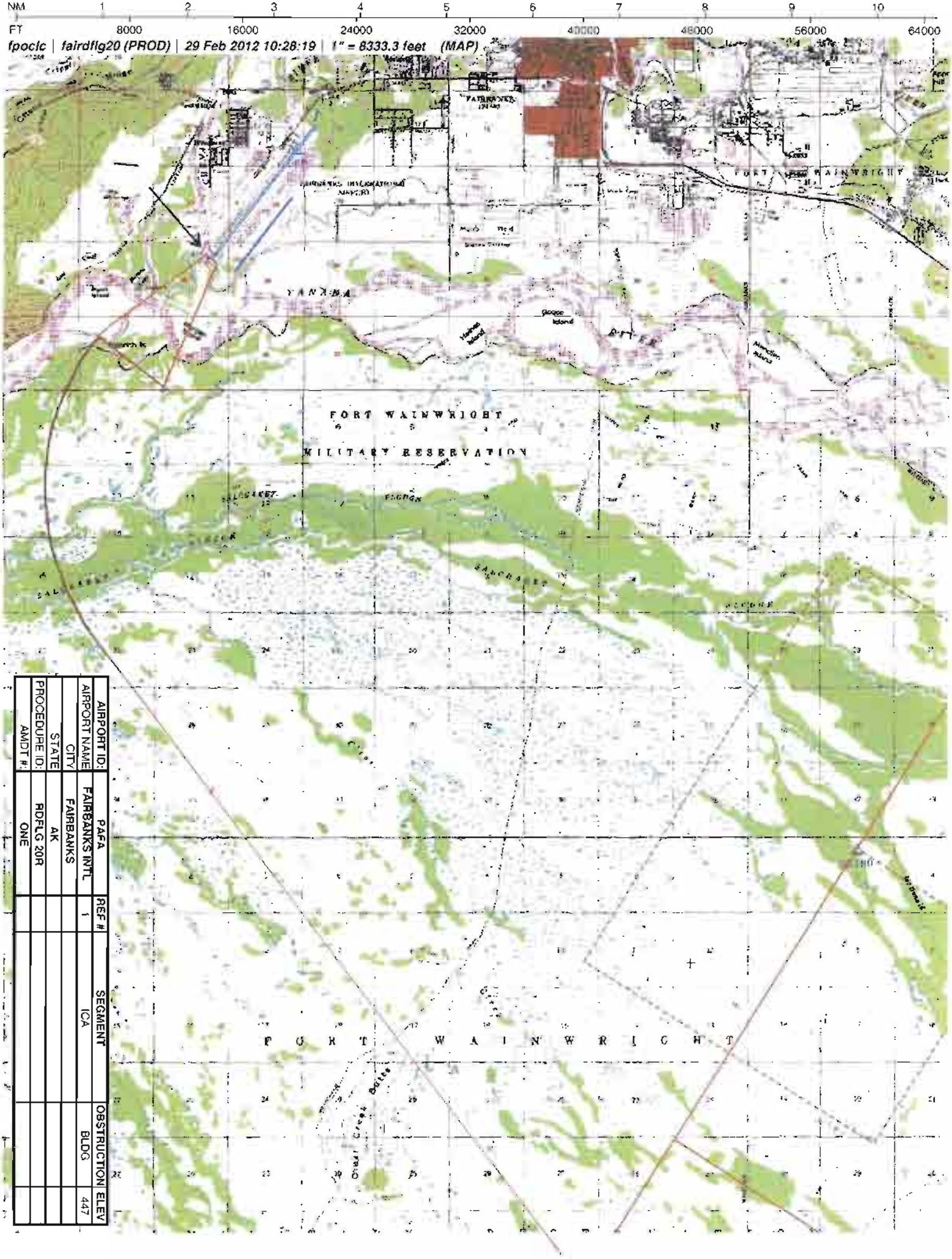
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpocic | fairdflg02 (PROD) | 28 Feb 2012 10:27:35 | 1" = 8333.3 feet (MAP)

AIRPORT ID:	PAFA	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME	FAIRBANKS INTL	1	ICA	TWR	448
CITY	FAIRBANKS				
STATE	AK				
PROCEDURE ID:	RDFLG 02L				
AMDT #:	ONE				



fpoclc | fairdflg20 (PROD) | 29 Feb 2012 10:28:19 | 1" = 8333.3 feet (MAP)



AIRPORT ID:	PAFA	REF #	SEGMENT	OBSTRUCTION	ELEV
AIRPORT NAME	FAIRBANKS INTL	1	ICA	BLDG	447
CITY	FAIRBANKS				
STATE	AK				
PROCEDURE ID:	RDFLG 20R				
AMDT #:	ONE				

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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDFLG	ONE	RDFLG1.RDFLG	NONE		

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 2L: CLIMB HEADING 017.05 TO AT OR ABOVE 1200, THEN CLIMBING RIGHT TURN DIRECT SKIMO, CROSS SKIMO AT OR ABOVE 3500.

TAKEOFF RWY 20R: CLIMB HEADING 197.08 TO AT OR ABOVE 1200, THEN CLIMBING LEFT TURN DIRECT SKIMO, CROSS SKIMO AT OR ABOVE 3500.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
RDFLG	RDFLG1.RDFLG	SKIMO	HRDNG	101.18	43.01	5300		
		HRDNG	RDFLG	102.44	75.49	5300		

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: GPS REQUIRED.
NOTE: RNAV-1.
NOTE: EXPECT RDFLG AT OR BELOW 17000 WHEN DELTA ATCAA IS ACTIVE.
RWY 2R, 20L, N/A – ATC.
RWY 2L, 20R STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1700.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 2L, TERRAIN 11 FT FROM DER, 166 FT LEFT OF CENTERLINE, 440 FT MSL. BUILDING 331 FT FROM DER, 252 FT LEFT OF CENTERLINE, 13 FT AGL/448 FT MSL.
NOTE: RWY 20R, BUILDING 7 FT FROM DER, 425 FT RIGHT OF CENTERLINE, 22 FT AGL/447 FT MSL. TERRAIN BEGINNING 194 FT FROM DER, 122 FT LEFT OF CENTERLINE, UP TO 453 FT MSL. TERRAIN BEGINNING 34 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 457 FT MSL.

CONTROLLING OBSTACLES:

RWY 2L, 20R: 3252 MSL AAO 633703.00N/1441100.00W, 3229 MSL AAO 642242.00N/1462342.00W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: PAFA 21E EPOCH YR: 2010
DME/DME ASSESSMENT: NOT CONDUCTED.

QUALITY CHECKED

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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDFLG	ONE	RDFLG1.RDFLG	NONE		

AIRPORTS SERVED:

FAIRBANKS INTL, FAIRBANKS, AK

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, FAIRBANKS TWR, FAIRBANKS DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

QUALITY CHECKED

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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDFLG	ONE	RDFLG1.RDFLG	NONE		

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:
ROUTINE

DEVELOPED BY:
CATHERINE L. CHILDRESS AJV-354 02/28/2012

APPROVED BY:
DEZ SILAGYI AJV-354

COORDINATED WITH:
ATA, ALPA, APA, AOPA, NBAA, ZAN, FAI APP CON, AMGR

CHANGES:

ORIGINAL PROCEDURE

REASONS:

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDFLG	ONE	RDFLG1.RDFLG	NONE		

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RWY 02L (AER)*	644815.29N/1475258.51W*	N	-	-	-	-			CG 500 FT/PER NM TO 1700 *DISPL THLD (750 FT)
1200 MSL	-	-	-	VA	038.05	-			
SKIMO	644118.15N/1473536.08W	Y	FB	DF	-	-	AT/ABOVE 3500		RIGHT TURN
RWY 20R (AER)*	644935.10N/1475031.82W*	N	-	-	-	-			CG 500 FT/PER NM TO 1700 *DISPL THLD (750 FT)
1200 MSL	-	-	-	VA	218.08	-			
SKIMO	644118.15N/1473536.08W	Y	FB	DF	-	-	AT/ABOVE 3500		LEFT TURN
SKIMO	644118.15N/1473536.08W	Y	-	IF	-	-			RDFLG1.RDFLG
HRDNG	641804.42N/1461201.50W	Y	FB	TF	122.18	43.01			
RDFLG	633527.26N/1435100.14W	Y	FB	TF	123.44	75.49			

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDFLG RNAV	ONE	RDFLG1.RDFLG	NONE		

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   HRDNG PA0    C   H N64180442W146120150                      E0205     NAR           HRDNG
        SCANEAENRT   RDFLG PA0    C   H N63352726W143510014                      E0210     NAR           RDFLG
        SCANEAENRT   SKIMO PA0    W     N64411815W147353608                      E0201     NAR           SKIMO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPAAFAI     0     118YHN64485440W147512321E021000439         1800018000C    MNAR    FAIRBANKS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPADRDFLG14RW02L 010         0        VA                     0171        + 01200     18000
        SCANP PAFAPADRDFLG14RW02L 020SKIMOPAEA0EE  R010DF                                + 03500
        SCANP PAFAPADRDFLG14RW20R 010         0        VA                     1971        + 01200     18000
        SCANP PAFAPADRDFLG14RW20R 020SKIMOPAEA0EE  L010DF                                + 03500
        SCANP PAFAPADRDFLG16RDFLG 010SKIMOPAEA0E       IF                                            18000
        SCANP PAFAPADRDFLG16RDFLG 020HRDNGPAEA0E    010TF                     10120430
        SCANP PAFAPADRDFLG16RDFLG 030RDFLGPAEA0EE   010TF                     10240755

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPAGRW02L   0118000171 N64481529W147525851+0000    +01424004360750581 50IICNA3
        SCANP PAFAPAGRW20R   0118001971 N64493510W147503182+0000    +01433004390750561 50IIFAI1
```

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RDFLG RNAV	ONE	RDFLG1.RDFLG	NONE		

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW02L		010		VA		FB		017.1()		AA 01200	
	RW02L	SKIMO	020		DF	R	FB	1.0			AA 03500	
	RW20R		010		VA		FB		197.1()		AA 01200	
	RW20R	SKIMO	020		DF	L	FB	1.0			AA 03500	
	RDFLG	SKIMO	010		IF		FB					
	RDFLG	HRDNG	020		TF		FB	1.0	101.2()	043.0		
	RDFLG	RDFLG	030		TF		FB	1.0	102.4()	075.5		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
HRDNG	N641804.42	W1461201.50	N6418.074	W14612.025
RDFLG	N633527.26	W1435100.14	N6335.454	W14351.002
SKIMO	N644118.15	W1473536.08	N6441.303	W14735.601
RW02L	N644815.29	W1475258.51	N6448.255	W14752.975
RW20R	N644935.10	W1475031.82	N6449.585	W14750.530

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW02L	00436	58
RW20R	00439	56

QUALITY CHECKED 1

RADIO FIX AND HOLDING DATA RECORD

NAME: HRDNG **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 641804.42N/1461201.50W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	FAIRBANKS	FAI	VORTAC	H	100.80	121.80	55.70	55.70		17500	45000

REMARKS:
FAIRBANKS (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RDFLG (RNAV)			PAFA	FAIRBANKS	AK (US)
EN ROUTE	J502	1				(US)
EN ROUTE	J515	1				(US)
STAR	HRDNG (RNAV)			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: DP, STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
07/24/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/16/2012
UPDATED FIX USE AND ADDED DME TO FIX TYPE.

DEVELOPED BY: **DATE:** 02/15/2012 **OFFICE:** AJV-354 **NAME:** CATHERINE CHILDRESS

APPROVED BY: **DATE:** 07/17/2012 **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RDFLG **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 633527.26N/1435100.14W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	NORTHWAY	ORT	VORTAC	H	283.28	307.28	65.26	65.26		17500	45000

REMARKS:
NORTHWAY (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RDFLG (RNAV)			PAFA	FAIRBANKS	AK (US)
EN ROUTE	J502					(US)
EN ROUTE	J515					(US)
STAR	HRDNG (RNAV)			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: DP, STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/15/2012 **OFFICE:** AJV-354 **NAME:** CATHERINE CHILDRESS

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SKIMO **STATE:** AK **COUNTRY:** US

LATITUDE/LONGITUDE: 644118.15N/1473536.08W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RDFLG (RNAV)			PAFA	FAIRBANKS	AK (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/28/2012 **OFFICE:** AJV-354 **NAME:** CATHERINE CHILDRESS

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAN
ATC FACILITY: FAI APP CON
OTHER:

QUALITY 4 CHECKED