

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.															
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION																			
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW02L CLIMB TO 4900 DIRECT ELACA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900. ADDITIONAL FLIGHT DATA: HOLD N, RT, 197.44 INBOUND. CHART FAS OBST: 505 TREE 644806N/1475243W CHART: 909 TREE 644527N/1480224W CHART: 859 TREE 644729N/1475757W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.05 MILES TO RW02L* *LNAV ONLY. WAAS CHANNEL # 57915 REFERENCE PATH ID: W02B CHART: R-2211 CHART: EIELSON MOA LTP HAE: 142.4 M MAG VAR: 21E EPOCH YEAR: 2010									
ICONA (IAF)		JOTUG (NOPT) (FB)		287.29 / 5.30				3700											
JIPEN (IAF)		JOTUG (NOPT) (FB)		106.29 / 5.70				3700											
JOTUG (IF/IAF)		RIMSE (FB)		016.78 / 1.96				3400											
RIMSE		BOSGE (FB)		016.82 / 5.10				2100											
BOSGE (FAF)		ORACE/1.70 NM TO RW02L (FB)		016.93 / 3.28															
ORACE/1.70 NM TO RW02L (SEE FORM 8260-10)		RW02L (MAP) (FO)		017.00 / 1.70															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S JOTUG, RT, 016.78 INBOUND, 3700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>016.93</u> FAF: <u>BOSGE</u> DIST FAF TO MAP: <u>4.98</u> THLD: <u>4.98</u> 4. MIN. ALT: JOTUG 3700, RIMSE 3400, BOSGE 2100, ORACE/1.70 NM TO RW02L 1020* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>BOSGE 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.4</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>																			
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD							
CATEGORY =====>		A			B			C			D			E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
LPV DA	639	2400	203	639	2400	203	639	2400	203	639	2400	203							
LNAV/VNAV DA	1019	1 1/2	583	1019	1 1/2	583	1019	1 1/2	583	1019	1 1/2	583							
LNAV MDA	820	2400	384	820	2400	384	820	3500	384	820	3500	384							
CIRCLING	880	1	441	900	1	461	900	1 1/2	461	1000	2	561							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: CIRCLING NA WEST OF RWY 2L-20R.																			
CITY AND STATE				ELEVATION: 439 THRE: 436				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 2L			
FAIRBANKS, AK				AIRPORT NAME: FAIRBANKS INTL								RNAV (GPS) Y RWY 2L, ORIG-B				AMDT: ORIG-A			
												20 SEPTEMBER 2012				DATED 07/29/2010			

QUALITY
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 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW02L (MAP)	636 MSL	017.00	
636 MSL	ELACA (FO)		4900

TAA

	FROM	TO	ALT
1.	287/30 CW 017/30 (NOPT)	287/20 CW 017/20	5500
2.	017/30 CW 106/30 (NOPT)	017/20 CW 106/20	3900
3.	287/20 CW 106/20	JOTUG (IF/IAF) (FB)	3700
4.	106/30 CW 197/30	JIPEN (IAF) (FB)	5500
5.	197/30 CW 287/30	ICONA (IAF) (FB)	4900

REVIEW
CHECKED

CITY AND STATE

FAIRBANKS, AK

ELEVATION: 439

THRE: 436

AIRPORT NAME:

FAIRBANKS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 2L, ORIG-B

20 SEPTEMBER 2012

SUP: RNAV (GPS) RWY
2L

AMDT: ORIG-A

DATED: 07/29/2010

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAFA
RUNWAY	RW02L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02B
LTP/FTP LATITUDE	644815.2900N
LTP/FTP LONGITUDE	1475258.5115W
LTP/FTP ELLIPSOIDAL HEIGHT	+01424
FPAP LATITUDE	644942.0900N
FPAP LONGITUDE	1475018.9300W
THRESHOLD CROSSING HEIGHT (TCH)	00056.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

A9C57514

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+01329
FPAP ORTHOMETRIC HEIGHT	+01329

QUALITY
9
CHECKED

CITY AND STATE FAIRBANKS, AK	ELEVATION: 439 THRE: 436 AIRPORT NAME: FAIRBANKS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 2L, ORIG-B 20 SEPTEMBER 2012	SUP: RNAV (GPS) RWY 2L
				AMDT: ORIG-A
				DATED: 07/29/2010

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE FAIRBANKS, AK	ELEVATION: 439 THRE: 436 AIRPORT NAME: FAIRBANKS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) Y RWY 2L, ORIG-B 20 SEPTEMBER 2012	SUP: RNAV (GPS) RWY 2L
				AMDT: ORIG-A
				DATED: 07/29/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
ICONA	ICONA	ICONA	010	IAF	IF		FB					
ICONA	JOTUG	JOTUG	020		TF		FB	1.0	287.3 (308.3T)	005.3	AA 03700	
JIPEN	JIPEN	JIPEN	010	IAF	IF		FB					
JIPEN	JOTUG	JOTUG	020		TF		FB	1.0	106.3 (127.3T)	005.7	AA 03700	
JOTUG	JOTUG	JOTUG	010	IAF	HF	R	FO		016.8 (037.8T)	004.0	AA 03700	
	JOTUG	JOTUG	010	FACF	IF		FB				AA 03700	
	RIMSE	RIMSE	011	SDF	TF		FB	0.5	016.8 (037.8T)	002.0	AA 03400	
	BOSGE	BOSGE	020	FAF	TF		FB	0.5	016.8 (037.8T)	005.1	AA 02100	
	ORACE	ORACE	021	SDF	TF		FB	0.3	016.9 (037.9T)	003.3	AA 01020 GS 01037	
	RW02L	RW02L	030	MAP	TF		FO	0.3	017.0 (038.0T)	001.7	AT 00493	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		017.0 (038.0T)		AA 00636	
	ELACA	050		DF		FO				AA 04900	
	ELACA	060		HM	R	FO		197.4 (218.4T)	005.0	AA 04900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOSGE	N644420.62	W1480007.93	N6444.344	W14800.132
	ELACA	N650226.11	W1472638.38	N6502.435	W14726.640
	ICONA	N643531.24	W1480033.73	N6435.521	W14800.562
	JIPEN	N644214.21	W1482046.57	N6442.237	W14820.776
	JOTUG	N643847.14	W1481013.53	N6438.786	W14810.226
	ORACE	N644655.12	W1475525.50	N6446.919	W14755.425
	RIMSE	N644019.75	W1480725.88	N6440.329	W14807.431
	RW02L	N644815.29	W1475258.51	N6448.255	W14752.975

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02L	00436	58

CITY AND STATE
FAIRBANKS, AK

ELEVATION: **439** **THRE: 436**
 AIRPORT NAME:
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FACILITY
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