

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.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW29 CLIMB TO 4000 DIRECT SOCLO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD W, RT, 110.23 INBOUND. CHART FAS OBST: 314 TREE 482843N/1222437W DISTANCE TO THLD FROM 250 HAT: 0.73 NM. CHART VDP AT 1.36 MILES TO RW29* *LNAV ONLY. WAAS CHANNEL # 70407 REFERENCE PATH ID: W29A LTP HAE: 9.6 M					
PAE VOR/DME		BARKL (FB)		354.89 / 14.56				5000							
BARKL (IAF)		KIREC (FB)		354.94 / 10.00				4300							
KIREC (IF)		ENNGL (FB)		305.23 / 2.33				3500							
ENNGL		OPIXE (FB)		305.19 / 2.18				3000							
OPIXE (FAF)		TOKSE/7.10 NM TO RW29		290.58 / 1.86											
TOKSE/7.10 NM TO RW29		ECARI/4.60 NM TO RW29 (FB)		290.58 / 2.50											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KIREC 3. FAC: <u>290.58</u> FAF: <u>OPIXE</u> DIST FAF TO MAP: <u>8.96</u> THLD: <u>8.96</u> 4. MIN. ALT: <u>KIREC 4300, ENNGL 3500, OPIXE 3000, TOKSE/7.10 NM TO RW29 2400*, ECARI/4.60 NM TO RW29 1600*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>OPIXE 3000</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>42.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW29 10400</u>															
										MAG VAR: 16E			EPOCH YEAR: 2015		
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	377	7/8	250	377	7/8	250	377	7/8	250	377	7/8	250			
LNAV/VNAV DA	475	1 1/4	348	475	1 1/4	348	475	1 1/4	348	475	1 1/4	348			
LNAV MDA	580	1	453	580	1	453	580	1 3/8	453	580	1 3/8	453			
CIRCLING	680	1	535	700	1	555	700	1 1/2	555	1000	2 3/4	855			
NOTES: CHART NOTE: CIRCLING TO RWY 04 NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FRIDAY HARBOR ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 145 TDZE: 127				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BURLINGTON/MOUNT VERNON, WA		AIRPORT NAME:				SKAGIT RGNL		RNAV (GPS) RWY 29, AMDT 2				AMDT: 1			
								4 FEBRUARY 2016				DATED 03/07/2013			



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
ECARI/4.60 NM TO RW29	RW29 (MAP) (FO)	290.58 / 4.60	
RW29 (MAP)	377 MSL	290.58	
377 MSL	SOCLO (FO)		4000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PAE VOR/DME AIRWAY RADIALS 298 CW 329.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE FRIDAY HARBOR ALTIMETER SETTING:
INCREASE LPV DA TO 438 FT, LNAV/VNAV DA TO 536 FT AND ALL CATS VISIBILITY 1/4 SM; INCREASE ALL
MDA 60 FEET AND CIRCLING CATS C AND D VISIBILITY 1/4 SM.



CITY AND STATE

BURLINGTON/MOUNT VERNON, WA

ELEVATION: 145

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AIRPORT NAME:

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RNAV (GPS) RWY 29, AMDT 2

4 FEBRUARY 2016

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBVS
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	482808.1265N
LTP/FTP LONGITUDE	1222445.9340W
LTP/FTP ELLIPSOIDAL HEIGHT	+00096
FPAP LATITUDE	482901.0105N
FPAP LONGITUDE	1222633.6640W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

C5284D26

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00315
FPAP ORTHOMETRIC HEIGHT	+00315

QUALITY
5
CHECKED

CITY AND STATE BURLINGTON/MOUNT VERNON, WA	ELEVATION: 145 TDZE: 127 AIRPORT NAME: SKAGIT RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, AMDT 2 4 FEBRUARY 2016	SUP:
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
ARINC SUMMARY - KBVS														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
PAE	010	PAE	IF	FB										V
PAE	020	BARKL	TF	FB	2.0	354.9						AA 05000		E A
PAE	030	KIREC	TF	FB	1.0	354.9						AA 04300		EE B
	010	KIREC	IF	FB								AA 04300		E I
	011	ENNGL	TF	FB	1.0	305.2						AA 03500		E
	020	OPIXE	TF	FB	1.0	305.2				RW29		AA 03000		E F
	021	TOKSE	TF	FB	0.3	290.6		3.00				AA 02400 GS 02406		E S
	022	ECARI	TF	FB	0.3	290.6		3.00				AA 01600 GS 01610		E S
	030	RW29	TF	FO	0.3	290.6		3.00				AT 00145		GY M
	040		CA	FB		290.6						AA 00377		M
	050	SOCLO	DF	FO								AA 04000		EY
	060	SOCLO	HM	FO		110.2			R			AA 04000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
PAE			N475511.40			W1221640.08								
BARKL			N480928.91			W1221233.39								
ECARI			N482524.13			W1221912.62								
ENNGL			N482106.66			W1221154.21								
KIREC			N481917.56			W1220942.70								
OPIXE			N482248.29			W1221356.93								
SOCLO			N483619.18			W1224131.10								
TOKSE			N482354.89			W1221611.73								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW29		N482808.13		W1222445.93		00103		42						

QUALITY
5
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