

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: RW16R CLIMB TO 900 THEN CLIMBING RIGHT TURN DIRECT ZERLI TO CROSS ZERLI AT 2000 AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 030.00 INBOUND. CHART FAS OBST: 574 TREE 472828N/1221936W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.16 MILES TO RW16R* *LNAV ONLY. WAAS CHANNEL # 86910 REFERENCE PATH ID: W16D CHART MANDATORY 2000 AT ZERLI. CHART KBFI CHART CIRCLING ICON. CHART AT/ABOVE 6000 AT GRIFY. LTP HAE: 103.5 M											
PAE VOR/DME	AGANE (FB)	169.69 / 13.24	5000												
AGANE (IAF)	CELAK (FB)	163.33 / 3.14	4000												
GRIFY (IAF)	CELAK (FB)	137.34 / 8.04	4000												
CELAK (IF)	BUGNE (FB)	163.33 / 2.51	3200												
BUGNE	FINKA (FB)	163.33 / 4.08	1900												
FINKA (FAF)	RW16R (MAP) (FO)	163.33 / 4.49													
RW16R (MAP)	900 MSL	163.33	900												
900 MSL	ZERLI (FO)		2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT CELAK 3. FAC: <u>163.33</u> FAF: <u>FINKA</u> DIST FAF TO MAP: <u>4.49</u> THLD: <u>4.49</u> 4. MIN. ALT: <u>CELAK 4000, BUGNE 3200, FINKA 1900</u> 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>1900</u> GS ALT AT: <u>FINKA 1900</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.9</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW16R 6400</u>				MAG VAR: 17E EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE:		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	615	2400	200	615	2400	200	615	2400	200	615	2400	200			
LNAV/VNAV DA	760	3200	345	760	3200	345	760	3200	345	760	3200	345			
LNAV MDA	840	2400	425	840	2400	425	840	4000	425	840	4000	425			
CIRCLING	1000	1	567	1000	1	567	1000	1 1/2	567	1000	2	567			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -6C (22F) OR ABOVE 54C (130F). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 16L. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PAE VOR/DME AIRWAY RADIALS 163 CW 236. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 433 TDZE: 415		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
SEATTLE, WA		AIRPORT NAME:		SEATTLE-TACOMA INTL		RNAV (GPS) Y RWY 16R, AMDT 2 13 NOVEMBER 2014				AMDT: 1A					
										DATED 03/14/2014					

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

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE

SEATTLE, WA

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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	KSEA
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16D
LTP/FTP LATITUDE	472749.8090N
LTP/FTP LONGITUDE	1221904.2850W
LTP/FTP ELLIPSOIDAL HEIGHT	+01035
FPAP LATITUDE	472620.7590N
FPAP LONGITUDE	1221905.0395W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

D0221879

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01265
FPAP ORTHOMETRIC HEIGHT	+01265

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RNAV (GPS) Y RWY 16R, AMDT 2

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSEAK1FR16RY	AGRIFY	010GRIFYK1EA0E	A	IF				+ 06000	18000		A JS	
SUSAP	KSEAK1FR16RY	AGRIFY	020CELAKK1EA0EE	B	010TF		13730080		+ 04000			A JS	
SUSAP	KSEAK1FR16RY	APAE	010PAE	K1D	0V					18000		A JS	
SUSAP	KSEAK1FR16RY	APAE	020AGANEK1EA0E	A	020TF		16970132		+ 05000			A JS	
SUSAP	KSEAK1FR16RY	APAE	030CELAKK1EA0EE	B	010TF		16330031		+ 04000			A JS	
SUSAP	KSEAK1FR16RY	R	010CELAKK1EA0E	I	IF				+ 04000	18000		A JS	
SUSAP	KSEAK1FR16RY	R	011BUGNEK1EA0E	S	051TF		16330025		+ 03200			A JS	
SUSAP	KSEAK1FR16RY	R	020FINKAK1EA1E	F	051TF		16330041		+ 01900		RW16R	K1PGA	JS
SUSAP	KSEAK1FR16RY	R	020FINKAK1EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KSEAK1FR16RY	R	030RW16RK1PGOGY	M	031TF		16330045		00470	-300		A JS	
SUSAP	KSEAK1FR16RY	R	040		0	M	CA		1633	+ 00900		A JS	
SUSAP	KSEAK1FR16RY	R	050ZERLIK1EA0EY	R	DF				02000			A JS	
SUSAP	KSEAK1FR16RY	R	060ZERLIK1EA0EE	R	HM		03000040		02000			A JS	

[illegible][illegible]

CITY AND STATE SEATTLE, WA	ELEVATION: 433	TDZE: 415	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: SEATTLE-TACOMA INTL			RNAV (GPS) Y RWY 16R, AMDT 2	AMDT: 1A
			RNAV	13 NOVEMBER 2014	DATED: 03/14/2014

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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SUSAP KSEAK1PR16RY RW16R001Y0000W16D0N4727498090W12219042850+010350300N4726207590W12219050395106750160000549F400350D0221879
SUSAP KSEAK1PR16RY RW16R002E +01265+01265LPV 86910

[illegible]

CITY AND STATE
SEATTLE, WA

ELEVATION: 433	TDZE: 415
AIRPORT NAME: SEATTLE-TACOMA INTL	

FACILITY IDENTIFIER:
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 13 NOVEMBER 2014

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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
	GRIFY	GRIFY	010	IAF	IF		FB				AA 06000	
	GRIFY	CELAKE	020		TF		FB	1.0	137.3 (154.3T)	008.0	AA 04000	
	PAE	PAE	010		IF		FB					
	PAE	AGANE	020	IAF	TF		FB	2.0	169.7 (186.7T)	013.2	AA 05000	
	PAE	CELAKE	030		TF		FB	1.0	163.3 (180.3T)	003.1	AA 04000	
		CELAKE	010	FACF	IF		FB				AA 04000	
		BUGNE	011	SDF	TF		FB	0.5	163.3 (180.3T)	002.5	AA 03200	
		FINKA	020	FAF	TF		FB	0.5	163.3 (180.3T)	004.1	AA 01900	
		RW16R	030	MAP	TF		FO	0.3	163.3 (180.3T)	004.5	AT 00470	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		163.3 (180.3T)		AA 00900	
	ZERLI	050		DF	R	FO				AT 02000	
	ZERLI	060		HM	R	FO		030.0 (047.0T)	004.0	AT 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PAE	N475511.40	W1221640.08	N4755.190	W12216.668
	AGANE	N474202.77	W1221857.01	N4742.046	W12218.950
	BUGNE	N473623.88	W1221859.91	N4736.398	W12218.999
	CELAKE	N473854.50	W1221858.63	N4738.908	W12218.977
	FINKA	N473219.10	W1221902.00	N4732.318	W12219.033
	GRIFY	N474609.02	W1222407.43	N4746.150	W12224.124
	ZERLI	N471615.99	W1223512.06	N4716.267	W12235.201
	RW16R	N472749.81	W1221904.29	N4727.830	W12219.072

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16R	00415	55



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