

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (RNP) - 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				RNP: DA											
SONDR (IAF)				HIPRO (TF) (FB) (RNP 1.00)				357.39 / 4.75				5000				CLIMB TO 900 THEN CLIMBING LEFT TURN TO 5000 DIRECT LOFAL AND HOLD.											
SHIPZ (IF)				BELNE (TF) (FB) (RNP 1.00)				164.80 / 3.11				5500															
BELNE				LANGL (RF) (FB) (RNP 1.00)				(3.00 NM RADIUS CCW (CFBRP))/3.22				5000				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 142.59 INBOUND. CHART FAS OBST: 507 TREE 472529N/1221857W CHART 492 TREE 472530N/1221848W CHART 476 TREE 472533N/1221849W CHART AT OR ABOVE 6000 AT SONDR. CHART AT OR ABOVE 6000 AT SHIPZ. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 411.2 MSL (DO NOT CHART) CHART LOC RWY 34C/R. DISTANCE TO THLD FROM 415 HATH: 1.13NM.											
LANGL				BAKMN (RF) (FB) (RNP 1.00)				(3.00 NM RADIUS CCW (CFBRP))/6.29				3000															
HIPRO (IF) (SEE FORM 8260-10)				BAKMN (TF) (FB) (RNP 1.00)				343.33 / 6.28				3000															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																MAG VAR: 17E EPOCH YEAR: 2010											
2. PROFILE STARTS AT BAKMN																											
3. FAC: 343.33 FAF: _____ DIST FAF TO MAP: _____ THLD: _____																											
4. MIN. ALT: BAKMN 3000, JALON 2400																											
5. DIST TO THLD FROM OM: 6.25 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																											
6. MIN GS INCPT: 2400 GS ALT AT: JALON 2400 OM: _____ MM: _____ IM: _____																											
7. GS ANGLE: 3.00 TCH: 54.9# 34:1 IS CLEAR																											
8. MSA FROM: RW34L 6400																											
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	
AUTHORIZATION REQUIRED																											
RNP 0.30 DA				771		4500		415		771		4500		415		771		4500		415							
NOTES: CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 34C/R EXCEPT FOR ARRIVALS AT SHIPZ. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)																QUALITY 1 CHECKED											
CITY AND STATE SEATTLE, WA				ELEVATION: 433 THRE: 356 AIRPORT NAME: SEATTLE-TACOMA INTL				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 34L, ORIG-A 4 APRIL 2013												SUP: AMDT: ORIG DATED 3/7/2013			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
**RNAV (RNP) - STANDARD,
 INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BAKMN	JALON (TF) (FB) (RNP 0.90)	343.33 / 1.89	2400
JALON (FAF)	RW34L (MAP) (TF) (FO)	343.33 / 6.25	
RW34L (MAP)	900 MSL (CA)	343.33	900
900 MSL	LOFAL (DF) (FO) (RNP 1.00)		5000

NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 54C (130F).
 CHART PLANVIEW NOTE ADJACENT TO SHIPZ IAF: RF REQUIRED.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8.
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
 CHART PLANVIEW NOTE AT BELNE: MAX 190 KIAS.
 CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
 CHART PLANVIEW NOTE AT SONDR, SHIPZ (RNP 0.90).

CITY AND STATE

SEATTLE, WA

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ARINC PACKET - 424-18 - RNAV (RNP)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSEAK1FH34LZ	ASHIPZ	010SHIPZK1EA0E	B	IF				+ 06000	18000		A FS	
SUSAP	KSEAK1FH34LZ	ASHIPZ	020BELNEK1EA0E		G10TF				+ 05500	190		A-FS	
SUSAP	KSEAK1FH34LZ	ASHIPZ	030LANGLK1EA0E	L010RF		0030001646	10330032		+ 05000		CFBRP K1EAA	FS	
SUSAP	KSEAK1FH34LZ	ASHIPZ	040BAKMNK1EA0E	L010RF		0030001033	34330063		+ 03000		CFBRP K1EAA	FS	
SUSAP	KSEAK1FH34LZ	ASHIPZ	050JALONK1EA0EE		G91TF				+ 02400			A FS	
SUSAP	KSEAK1FH34LZ	ASONDR	010SONDRK1EA0E	A	IF				+ 06000	18000		A FS	
SUSAP	KSEAK1FH34LZ	ASONDR	020HIPROK1EA0E	B	G10TF				+ 05000			A FS	
SUSAP	KSEAK1FH34LZ	ASONDR	030BAKMNK1EA0E		G10TF				+ 03000			A FS	
SUSAP	KSEAK1FH34LZ	ASONDR	040JALONK1EA0EE		G91TF				+ 02400			A FS	
SUSAP	KSEAK1FH34LZ	H	020JALONK1EA1E	F	IF				+ 02400	18000	RW34L K1PGA	FS	
SUSAP	KSEAK1FH34LZ	H	020JALONK1EA2W					A031				FS	
SUSAP	KSEAK1FH34LZ	H	030RW34LK1PGGY	M	G31TF				00411	-300		A FS	
SUSAP	KSEAK1FH34LZ	H	040		CA		3433		+ 00900			A FS	
SUSAP	KSEAK1FH34LZ	H	050LOFALK1EA0EY		DF				+ 05000			A FS	
SUSAP	KSEAK1FH34LZ	H	060LOFALK1EA0EE	R	HM		14260040		+ 05000			A FS	

[illegible][illegible]

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SUSAP KSEAK1SRW34LK1PG

0 18018006425

M

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	SHIPZ	SHIPZ	010		IF		FB				AA 06000	
	SHIPZ	BELNE	020		TF		FB	1.0			AA 05500	AB 190
	SHIPZ	LANGL	030		RF	L	FB	1.0		003.2	AA 05000	
	SHIPZ	BAKMN	040		RF	L	FB	1.0		006.3	AA 03000	
	SHIPZ	JALON	050		TF		FB	0.9			AA 02400	
	SONDR	SONDR	010	IAF	IF		FB				AA 06000	
	SONDR	HIPRO	020		TF		FB	1.0			AA 05000	
	SONDR	BAKMN	030		TF		FB	1.0			AA 03000	
	SONDR	JALON	040		TF		FB	0.9			AA 02400	
		JALON	020	FAF	IF		FB				AA 02400	
		RW34L	030	MAP	TF		FO	0.3			AT 00411	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		343.3 (000.3T)		AA 00900	
	LOFAL	050		DF		FO				AA 05000	
	LOFAL	060		HM	R	FO		142.6 (159.6T)	004.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAKMN	N471818.37	W1221909.14	N4718.306	W12219.152
	BELNE	N471824.82	W1222758.01	N4718.414	W12227.967
	CFBRP	N471819.32	W1222333.63	N4718.322	W12223.561
	HIPRO	N471201.87	W1221912.31	N4712.031	W12219.205
	JALON	N472011.42	W1221908.18	N4720.190	W12219.136
	LANGL	N471544.01	W1222547.09	N4715.734	W12225.785
	LOFAL	N475105.59	W1224049.86	N4751.093	W12240.931
	SHIPZ	N472130.94	W1222749.43	N4721.516	W12227.824
	SONDR	N470725.69	W1222056.30	N4707.428	W12220.938
	RW34L	N472625.92	W1221905.01	N4726.432	W12219.084

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW34L	00356		55

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