

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 CLIMB ON TRACK 164.34 TO CROSS YORUC AT OR BELOW 2000, THEN CLIMB TO 5000 ON TRACK 163.80 TO MILLT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD S, RT, 343.66 INBOUND. CHART FAS OBST: 550 TREE 472825N/1221805W DISTANCE TO THLD FROM 409 HAT: 1.11 NM. CHART MANDATORY 6000 AT GRIFY. CHART MAXIMUM 2000 AT YORUC. #TCH 487.9 MSL (DO NOT CHART) ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART PLANVIEW NOTE: RADAR REQUIRED.					
PAE VOR/DME		KENMO (TF) (FB) (RNP 1.00)		168.89 / 13.25				5000							
KENMO (IAF)		HELZR (TF) (FB) (RNP 0.30)		164.34 / 3.12				4000							
GRIFY (IAF)		HELZR (TF) (FB) (RNP 1.00)		135.86 / 8.25				4000							
HELZR (IF)		KARFO (TF) (FB) (RNP 0.30)		164.34 / 2.52				3200							
KARFO		DGLAS (TF) (FB) (RNP 0.30)		164.34 / 4.10				1900							
(SEE FORM 8260-10)															
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-21.															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. PROFILE STARTS AT HELZR															
3. FAC: <u>164.34</u> FAF: _____ ← _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: <u>HELZR 4000, KARFO 3200, DGLAS 1900</u>															
5. DIST TO THLD FROM OM: <u>4.43</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: <u>1900</u> GS ALT AT: <u>DGLAS 1900</u> OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>3.00</u> TCH: <u>55.4</u> 34:1 IS CLEAR															
8. MSA FROM: <u>RW16L 6400</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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	842	4500	409	842	4500	409	842	4500	409	842	4500	409			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -6C (22F) OR ABOVE 54C (130F). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 16R. CHART NOTE: GPS REQUIRED. CHART SPEED ICON IN PLANVIEW AT GRIFY : MAX 210 KIAS. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 433 TDZE: 433		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
SEATTLE, WA		AIRPORT NAME:				RNAV (RNP) Z RWY 16L, AMDT 2A				AMDT: 2					
		SEATTLE-TACOMA INTL				12 OCTOBER 2017				DATED 10/15/2015					



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RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33					
TERMINAL ROUTES, (CONT.):					
FROM		TO	COURSE AND DISTANCE	ALTITUDE	
DGLAS (FAF)	RW16L (MAP) (TF) (FO) (RNP 0.30)		164.34 / 4.43		
RW16L (MAP)	YORUC (DF) (FB) (RNP 1.00)		164.34/5.74	2000	
YORUC	MILLT (TF) (FO) (RNP 1.00)		163.80 / 6.97	5000	
NOTES, (CONT.):					
CHART PLANVIEW NOTE AT PAE VOR/DME: (RNP 0.30).					
CHART PLANVIEW NOTE AT GRIFY: (RNP 0.30).					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PAE VOR/DME AIRWAY RADIALS 163 CW 236.					
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.					
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).					
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 MILE.					
CITY AND STATE		ELEVATION: 433	TDZE: 433	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
SEATTLE, WA		AIRPORT NAME:		RNAV	RNAV (RNP) Z RWY 16L, AMDT 2A
		SEATTLE-TACOMA INTL			12 OCTOBER 2017
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				AMDT: 2	
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