

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**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	
MCKEN	ZUMET (FB)	270.00 / 10.33	4200	LPV: DA LNAV/VNAV: DA LNAV: RW16
ZUMET (IAF)	RELTE (NOPT) (FB)	245.77 / 7.94	4000	
OLM VORTAC (IAF)	RELTE (NOPT) (FB)	204.13 / 5.95	4000	CLIMB TO 6000 DIRECT JIVUT AND ON TRACK 125.21 TO MALAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.
DOCRA (IAF)	RELTE (NOPT) (FB)	101.58 / 9.23	4000	
RELTE (IF/IAF)	NOYID (FB)	161.78 / 7.10	2000	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 329.16 INBOUND. FAS OBST: 639 AAO 464425N/1225819W FAS OBST: 247 TREE 464125N/1225857W CHART R-6703 AND RAINIER MOA. DISTANCE TO THLD FROM 308 HATH: 0.85 NM. WAAS CHANNEL # 82129 REFERENCE PATH ID: W16A LTP HAE: 30.7 M
NOYID (FAF) (SEE FORM 8260-10)	OPICO/3.20 NM TO RW16 (FB)	161.79 / 2.43		

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD N RELTE, RT, 161.78 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 161.79 FAF: NOYID DIST FAF TO MAP: 5.63 THLD: 5.63
4. MIN. ALT: RELTE 4000, NOYID 2000, OPICO/3.20 NM TO RW16 1220*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2000 GS ALT AT: NOYID 2000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 35.2 34:1 IS NOT CLEAR
8. MSA FROM: RW16 5600

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	479	1	308	479	1	308	479	1	308	479	1	308			
LNAV/VNAV DA	662	1 3/4	491	662	1 3/4	491	662	1 3/4	491	662	1 3/4	491			
LNAV MDA	900	1	729	900	1	729	900	2	729	900	2	729			
CIRCLING	900	1	723	900	1	723	1040	2 1/2	863	1160	3	983			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING OLYMPIA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 42C (107F).
CHART NOTE: CIRCLING NA NE OF RWY 16-34.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ CAT C 900-2 1/2, CAT D 1000-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE CHEHALIS, WA	ELEVATION: 177 THRE: 171 AIRPORT NAME: CHEHALIS-CENTRALIA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1 26 JULY 2012	SUP:
				AMDT: ORIG-A
				DATED 05/12/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OPICO/3.20 NM TO RW16	RW16 (MAP) (FO)	161.79 / 3.20	
RW16 (MAP)	479 MSL	161.79	
479 MSL	JIVUT (FB)		
JIVUT	MALAY (FO)	125.21 / 14.45	6000

NOTES, (CONT.):

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLYMPIA ALTIMETER SETTING AND INCREASE ALL DA 46 FT AND ALL MDA 60 FT; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS 1/8 MILE, LNAV CAT B AND CIRCLING CAT B, C 1/4 MILE, LNAV CAT C, D 1/2 MILE.

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT.

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT MCKEN ON V23 NORTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT OLM VORTAC ON AIRWAY RADIALS 151 CW 201.

QUALITY
9
CHECKED

CITY AND STATE
CHEHALIS, WA

ELEVATION: 177 THRE: 171
 AIRPORT NAME:
 CHEHALIS-CENTRALIA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 16, AMDT 1
 26 JULY 2012

SUP:
 AMDT: ORIG-A
 DATED: 05/12/2005

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 KCLS
RUNWAY RW16
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W16A
LTP/FTP LATITUDE 464101.9635N
LTP/FTP LONGITUDE 1225859.2700W
LTP/FTP ELLIPSOIDAL HEIGHT +00307
FPAP LATITUDE 463932.9600N
FPAP LONGITUDE 1225854.2800W
THRESHOLD CROSSING HEIGHT (TCH) 00035.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E36C5A03

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +00521
FPAP ORTHOMETRIC HEIGHT +00521

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CITY AND STATE

CHEHALIS, WA

ELEVATION: 177

THRE: 171

AIRPORT NAME:

CHEHALIS-CENTRALIA

FACILITY
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KCLSK1FR16	ADOCRA	010DOCR	AK1EA0E	A	IF					18000		A	JS
SUSAP KCLSK1FR16	ADOCRA	020RELTE	K1EA0EE	B	010TF	10160092		+ 04000				A	JS
SUSAP KCLSK1FR16	AMCKEN	010MCKEN	K1EA0E		IF					18000		A	JS
SUSAP KCLSK1FR16	AMCKEN	020ZUMET	K1EA0E	A	020TF	27000103		+ 04200				A	JS
SUSAP KCLSK1FR16	AMCKEN	030RELTE	K1EA0EE	B	010TF	24580079		+ 04000				A	JS
SUSAP KCLSK1FR16	AOLM	010OLM	K1D 0V	A	IF					18000		A	JS
SUSAP KCLSK1FR16	AOLM	020RELTE	K1EA0EE	B	010TF	20410060		+ 04000				A	JS
SUSAP KCLSK1FR16	ARELTE	010RELTE	K1EA0EE	AR	HF	16180040		+ 04000		18000		A	JS
SUSAP KCLSK1FR16	R	010RELTE	K1EA0E	I	IF			+ 04000		18000		A	JS
SUSAP KCLSK1FR16	R	020NOYID	K1EA1E	F	051TF	16180071		+ 02000			RW16	K1PGA	JS
SUSAP KCLSK1FR16	R	020NOYID	K1EA2WALPV				ALNAV/VNAV	ALNAV					JS
SUSAP KCLSK1FR16	R	021OPICOK	1EA0E	S	031TF	16180024		V 0122001225		-300		A	JS
SUSAP KCLSK1FR16	R	030RW16	K1PGOGY	M	031TF	16180032		00206		-300		A	JS
SUSAP KCLSK1FR16	R	040		0	M	CA	1618	+ 00479				A	JS
SUSAP KCLSK1FR16	R	050JIVUT	K1EA0E		DF							A	JS
SUSAP KCLSK1FR16	R	060MALAY	K1EA0EY		010TF	1252		+ 06000				A	JS
SUSAP KCLSK1FR16	R	070MALAY	K1EA0EE	R	HM	32920050		+ 06000				A	JS

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SUSAP KCLSK1GRW16 0050001618 N46410196W122585927+0100 +0030700171000035140R

SUSAP KCLSK1PR16	RW16 001 0000W16A0N4641019635W12258592700+003070300N4639329600W12258542800106751224000352F400500E36C5A03
SUSAP KCLSK1PR16	RW16 002E +00521+00521LPV 82129

SUSAP KCLSK1SRW16 K1PG	0	18018005625	M
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QUALITY
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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
	DOCRA	DOCRA	010	IAF	IF		FB					
	DOCRA	RELTE	020		TF		FB	1.0	101.6(117.6T)	009.2	AA 04000	
	MCKEN	MCKEN	010		IF		FB					
	MCKEN	ZUMET	020	IAF	TF		FB	2.0	270.0(286.0T)	010.3	AA 04200	
	MCKEN	RELTE	030		TF		FB	1.0	245.8(261.8T)	007.9	AA 04000	
	OLM	OLM	010	IAF	IF		FB					
	OLM	RELTE	020		TF		FB	1.0	204.1(220.1T)	006.0	AA 04000	
	RELTE	RELTE	010	IAF	HF	R	FO		161.8(177.8T)	004.0	AA 04000	
		RELTE	010	FACF	IF		FB				AA 04000	
		NOYID	020	PAF	TF		FB	0.5	161.8(177.8T)	007.1	AA 02000	
		OPICO	021	SDF	TF		FB	0.3	161.8(177.8T)	002.4	AA 01220	GS 01225
		RW16	030	MAP	TF		FO	0.3	161.8(177.8T)	003.2	AT 00206	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		161.8(177.8T)		AA 00479	
	JIVUT	050		DF		FB					
	MALAY	060		TF		FO	1.0	125.2(141.2T)		AA 06000	
	MALAY	070		HM	R	FO		329.2(345.2T)	005.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OLM	N465817.90	W1225406.60	N4658.298	W12254.110
	DOCRA	N465801.61	W1231137.67	N4658.027	W12311.628
	JIVUT	N463638.27	W1225844.50	N4636.638	W12258.742
	MALAY	N462521.99	W1224539.29	N4625.367	W12245.655
	MCKEN	N465203.70	W1223345.42	N4652.062	W12233.757
	NOYID	N464639.56	W1225918.23	N4646.659	W12259.304
	OPICO	N464413.74	W1225910.03	N4644.229	W12259.167
	RELTE	N465344.87	W1225942.22	N4653.748	W12259.704
	ZUMET	N465453.58	W1224814.60	N4654.893	W12248.243
	RW16	N464101.96	W1225859.27	N4641.033	W12258.988

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00171	35

QUALITY
9
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