

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>							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.									
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>						
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW31  CLIMB TO 3700 DIRECT ARTTY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 133.08 INBOUND. CHART FAS OBST: 705 TREE 445115N/1225817W DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 2.20 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 86202 REFERENCE PATH ID: W31A CHART CIRCLING ICON LTP HAE: 42.1 M						
UBG VOR/DME		NECIP (FO)			155.18 / 37.59			3900								
CVO VOR/DME		DIYAT (FB)			030.86 / 13.43			3000								
ARTTY		NECIP (FO)			133.03 / 18.51			3000								
GLORR (IAF)		NECIP (NOPT) (FB)			313.29 / 5.63			3000								
DIYAT (IAF)		NECIP (NOPT) (FB)			043.05 / 10.00			3000								
NECIP (IF/IAF)		LOTKE (FB)			313.19 / 6.00			2100								
LOTKE (FAF)		CUKEV/3.00 NM TO RW31 (FB)			313.14 / 2.79											
(SEE FORM 8260-10)																
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SE NECIP, LT, 313.19 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>313.14</u> FAF: LOTKE <u>      </u> DIST FAF TO MAP: <u>5.79</u> THLD: <u>5.79</u> 4. MIN. ALT: NECIP 3000, LOTKE 2100, CUKEV/3.00 NM TO RW31 1200* 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>2100</u> GS ALT AT: LOTKE 2100 <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>41.7</u> 34:1 IS CLEAR <u>      </u> 8. MSA FROM: RW31 6100																
										MAG VAR: 17E			EPOCH YEAR: 2005			
<b>MINIMUMS</b>																
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	414	2400	200	414	2400	200	414	2400	200	414	2400	200				
LNAV/VNAV DA	631	5000	417	631	5000	417	631	5000	417	631	5000	417				
LNAV MDA	960	2400	746	960	4000	746	960	1 3/4	746	960	1 3/4	746				
CIRCLING	960	1	746	960	1 1/4	746	1000	2 1/4	786	1260	3	1046				
<b>NOTES:</b> CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT ARTTY. *LNAV ONLY (SEE FORM 8260-10)																
CITY AND STATE		ELEVATION: 214 TDZE: 214			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:				
SALEM, OR		AIRPORT NAME:					RNAV (GPS) RWY 31, AMDT 3					AMDT:				
		MCNARY FLD					30 APRIL 2015					DATED 03/12/2009				

 QUALITY  
4  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION				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.	
RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33					
TERMINAL ROUTES, (CONT.):					
FROM		TO		COURSE AND DISTANCE	
CUKEV/3.00 NM TO RW31		RW31 (MAP) (FO)		313.14 / 3.00	
RW31 (MAP)		414 MSL		313.14	
414 MSL		ARTTY (FO)		3700	
NOTES, (CONT.):					
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MC MINNVILLE ALTIMETER SETTING AND INCREASE ALL DA 49 FEET; INCREASE ALL MDA 60 FEET; INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 1/8 MILES, LNAV CAT C AND D VISIBILITY TO 1 7/8 MILES, AND CIRCLING CAT C VISIBILITY TO 2 1/2 MILES.					
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MC MINNVILLE ALTIMETER SETTING.					
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 MILES AND INCREASE LNAV CAT C AND D VISIBILITY TO 2 MILES.					
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING MC MINNVILLE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, INCREASE LNAV CAT C/D VISIBILITY TO 2 1/2 MILES.					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON UBG VOR/DME AIRWAY RADIALS 085 CW 204.					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CVO VOR/DME AIRWAY RADIALS 333 CW 081.					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLORR ON V448 SOUTHBOUND.					
CITY AND STATE		ELEVATION: 214 TDZE: 214		PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SALEM, OR		AIRPORT NAME:		RNAV (GPS) RWY 31, AMDT 3	
		MCNARY FLD		30 APRIL 2015	
		FACILITY IDENTIFIER:		SUP:	
		RNAV		4	
				AMDT:	
				2	
				DATED:	
				03/12/2009	

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

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSLE
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	445411.0105N
LTP/FTP LONGITUDE	1225945.8550W
LTP/FTP ELLIPSOIDAL HEIGHT	+00421
FPAP LATITUDE	445528.2320N
FPAP LONGITUDE	1230048.3850W
THRESHOLD CROSSING HEIGHT (TCH)	00041.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0976
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 62D4CCDD

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00651
FPAP ORTHOMETRIC HEIGHT	+00651

CITY AND STATE

SALEM, OR

ELEVATION: 214

TDZE: 214

AIRPORT NAME:

MCNARY FLD

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 3

30 APRIL 2015

SUP:

AMDT:

DATED:

QUALITY

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2

03/12/2009

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SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSLEK1FR31	AARTTY	010ARTTYK1EA0E	IF						18000		A JS	
SUSAP	KSLEK1FR31	AARTTY	020NECIPK1EA0EY	020TF		13300185	+	03000				A JS	
SUSAP	KSLEK1FR31	AARTTY	030NECIPK1EA0EE	AL HF		31320040	+	03000				A JS	
SUSAP	KSLEK1FR31	ACVO	010CVO	K1D 0V	IF					18000		A JS	
SUSAP	KSLEK1FR31	ACVO	020DIYATK1EA0E	A 020TF		03090134	+	03000				A JS	
SUSAP	KSLEK1FR31	ACVO	030NECIPK1EA0EE	B 010TF		04310100	+	03000				A JS	
SUSAP	KSLEK1FR31	AGLORR	010GLORRK1EA0E	A IF						18000		A JS	
SUSAP	KSLEK1FR31	AGLORR	020NECIPK1EA0EE	B 010TF		31330056	+	03000				A JS	
SUSAP	KSLEK1FR31	AUBG	010UBG	K1D 0V	IF					18000		A JS	
SUSAP	KSLEK1FR31	AUBG	020NECIPK1EA0EY	020TF		15520376	+	03900				A JS	
SUSAP	KSLEK1FR31	AUBG	030NECIPK1EA0EE	AL HF		31320040	+	03000				A JS	
SUSAP	KSLEK1FR31	R	010NECIPK1EA0E	I IF			+	03000		18000		A JS	
SUSAP	KSLEK1FR31	R	020LOTKEK1EA1E	F 051TF		31320060	+	02100			RW31	K1PGA	JS
SUSAP	KSLEK1FR31	R	020LOTKEK1EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KSLEK1FR31	R	021CUKEVK1EA0E	S 031TF		31310028	V	0120001211		-300		A JS	
SUSAP	KSLEK1FR31	R	030RW31	K1PGOGY M	031TF	31310030		00255		-300		A JS	
SUSAP	KSLEK1FR31	R	040	0 M	CA	3131	+	00414				A JS	
SUSAP	KSLEK1FR31	R	050ARTTYK1EA0EY	DF			+	03700				A JS	
SUSAP	KSLEK1FR31	R	060ARTTYK1EA0EE	R HM		13310040	+	03700				A JS	

CITY AND STATE <b>SALEM, OR</b>	ELEVATION: <b>214</b> <b>TDZE: 214</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 31, AMDT 3</b>  30 APRIL 2015	SUP: <b>4</b>
	AIRPORT NAME: <b>MCNARY FLD</b>			AMDT: <b>2</b>
				DATED: <b>03/12/2009</b>

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ARTTY	ARTTY	010		IF		FB					
	ARTTY	NECIP	020		TF		FO	2.0	133.0 (150.0T)	018.5	AA 03000	
	ARTTY	NECIP	030	IAF	HF	L	FO		313.2 (330.2T)	004.0	AA 03000	
	CVO	CVO	010		IF		FB					
	CVO	DIYAT	020	IAF	TF		FB	2.0	030.9 (047.9T)	013.4	AA 03000	
	CVO	NECIP	030		TF		FB	1.0	043.1 (060.1T)	010.0	AA 03000	
	GLORR	GLORR	010	IAF	IF		FB					
	GLORR	NECIP	020		TF		FB	1.0	313.3 (330.3T)	005.6	AA 03000	
	UBG	UBG	010		IF		FB					
	UBG	NECIP	020		TF		FO	2.0	155.2 (172.2T)	037.6	AA 03900	
	UBG	NECIP	030	IAF	HF	L	FO		313.2 (330.2T)	004.0	AA 03000	
		NECIP	010	FACF	IF		FB				AA 03000	
		LOTKE	020	FAF	TF		FB	0.5	313.2 (330.2T)	006.0	AA 02100	
		CUKEV	021	SDF	TF		FB	0.3	313.1 (330.1T)	002.8	AA 01200	GS 01211
		RW31	030	MAP	TF		FO	0.3	313.1 (330.1T)	003.0	AT 00255	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		313.1 (330.1T)		AA 00414	
		ARTTY	050		DF		FO				AA 03700	
		ARTTY	060		HM	R	FO		133.1 (150.1T)	004.0	AA 03700	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		CVO	N442958.45		W1231737.21		N4429.974		W12317.620			
		UBG	N452111.62		W1225841.37		N4521.194		W12258.690			
		ARTTY	N450000.00		W1230428.96		N4500.000		W12304.483			
		CUKEV	N445134.98		W1225739.67		N4451.583		W12257.661			
		DIYAT	N443858.29		W1230340.01		N4438.972		W12303.667			
		GLORR	N443904.42		W1224735.76		N4439.074		W12247.596			
		LOTKE	N444909.69		W1225542.38		N4449.162		W12255.706			
		NECIP	N444357.20		W1225130.74		N4443.953		W12251.512			
		RW31	N445411.01		W1225945.86		N4454.184		W12259.764			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW31	00214		42							

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	AIRPORT NAME: <b>MCNARY FLD</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 31, AMDT 3</b>	AMDT: <b>4</b>
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