

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23								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		MAP: MAFEZ/1.00 DME						
JUXIB/14.00 DME CW (IAF)		HUBSU/14.00 DME		14.00 DME ARC				3700		CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4100 ON EUG VORTAC R-205 TO VAUGN/EUG 14.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4100. ADDITIONAL FLIGHT DATA: HOLD SW, LT, 024.50 INBOUND. CHART FAS OBST: 490 TREE 440622N/1231423W 1119 AAO 440149N/1231228W 699 TREE 440429N/1231424W CHART VDP AT 1.53 DME DISTANCE VDP TO THLD 1.07 NM. CHART EUG R-130 AT JUXIB. CHART EUG R-205 AT VAUGN. DUKKS TO RW34: 3.49/54. CHART CIRCLING ICON CHART PLANVIEW NOTE: DME REQUIRED. FAC 286 FT L OF RWY C/L EXTENDED 3000 FT FROM THLD.						
VAUGN/14.00 DME CCW (IAF)		HUBSU/14.00 DME		14.00 DME ARC				3700								
SAGIN/16.00 DME (IAF)		HUBSU/14.00 DME		332.04 / 2.00 (EUG R-152)				3700								
HUBSU/14.00 DME (IF)		ERVIJ/9.00 DME		332.04 / 5.00 (EUG R-152)				2500								
ERVIJ/9.00 DME		DUKKS/5.00 DME		332.04 / 4.00 (EUG R-152)				2100								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT HUBSU/14.00 DME 3. FAC 332.04 FAF DUKKS/5.00 DME _____ DIST FAF TO MAP _____ THLD 4.53 4. MIN. ALT HUBSU 3700, ERVIJ 2500, DUKKS 2100, KOAAR/2.20 DME 1040 8. MSA FROM: EUG VORTAC 190-280 4600, 280-190 5300										MAG VAR: 20E		EPOCH YEAR: 1980				
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @						
CATEGORY =====>		A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-34L	760	4000	393	760	4000	393	760	4500	393	760	6000	393				
CIRCLING	800	1	426	840	1	466	840	1 1/2	466	1100	2 1/4	726				
NOTES: CHART NOTE: RWY 34L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. @ CAT D 800-2 1/4 CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAGIN ON V23 SOUTHBOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.																
CITY AND STATE EUGENE, OR		ELEVATION: 374 AIRPORT NAME: MAHLON SWEET FIELD		TDZE: 367		FACILITY IDENTIFIER: EUG		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR TACAN RWY 34L, AMDT 5A				SUP		VOR/DME OR TACAN RWY 34L		
												AMDT		5		
												DATE		09/23/2010		

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/></div>		ZSE, CASCADE APP/DEP CON, AMGR			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE: 07/14/2010
DEVELOPED BY					
NAME: <div>RONALD SALPINO</div>				FIFO AJV-5433	DATE: 05/09/2016
<div><div>Digitally signed by RONALD SALPINO Aug 10, 2016</div></div>					
APPROVED BY					
NAME: <div>LONNIE EVERHART</div> <div>MANAGER</div>				FIFO AJV-5430	DATE:
CHANGES:					
<div>1. INCREASED CAT C VISIBILITY FROM RVR 4000 TO RVR 4500.</div> <div>2. INCREASED CAT D CIRCLING FROM 940-2 TO 1100-2 1/4.</div> <div>3. ADDED NOTE TO ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON.</div> <div>4. ADDED CAT D ALTERNATE MINIMUM NOTE CAT D 800-2 1/4.</div> <div>5. ADDED HELICOPTER NOTE: RWY 34L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED."</div> <div>6. ADDED DNE REQUIRED NOTE TO PLANVIEW AND CHART NOTE.</div>					
REASONS:					
<div>1. IAW 8260.3.</div> <div>2. CIRCLING AREA EXPANDED IAW CRITERIA NEW CONTROLLING OBSTACLE IDENTIFIED.</div> <div>3, 4, 5, 6. IAW 8260.19.</div>					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.			
INITIAL: ARC	JUXIB/14.00 DME	HUBSU/14.00 DME	1. AAO	435215.00N/1230745.00W	1959 (2C)	1000	AT741	3700			
	CW		2. TERRAIN	435215.00N/1230745.00W	1759 (1800)		AS1500	3300			
INITIAL: ARC	VAUGN/14.00 DME	HUBSU/14.00 DME	3. AAO	435530.43N/1232934.00W	2159 (2C)	1000	AT541	3700			
	CCW		4. TERRAIN	435530.43N/1232934.00W	1959 (2000)		AS1500	3500			
INITIAL	SAGIN/16.00 DME	HUBSU/14.00 DME	1. AAO	435215.00N/1230745.00W	1959 (2C)	1000	AT741	3700			
			2. TERRAIN	435215.00N/1230745.00W	1759 (1800)		AS1500	3300			
INTERMEDIATE	HUBSU/14.00 DME	ERVIJ/9.00 DME	5. AAO	435332.29N/1230527.90W	1859 (2C)	500		2400			
			6. TERRAIN	435712.00N/1230718.00W	1523 (1500)		AS1000	2500			
INTERMEDIATE:	ERVIJ/9.00 DME	DUKKS/5.00 DME	7. AAO	435802.16N/1230944.35W	1379 (2C)	500	DG221	2100			
STEPDOWN			8. TERRAIN	440033.00N/1230942.00W	1044 (1000)		AS1000	2000			
FINAL	DUKKS/5.00 DME	KOAA/2.20 DME	9. TREE	440338.00N/1231313.00W	779 (2C)	250		1040			
FINAL: STEPDOWN	KOAA/2.20 DME	MAFEZ/1.00 DME	10. TREE (KEUG0007)	440622.16N/1231423.03W	490 (1A)	250	XP20	760			
2. PROCEDURE TURN											
3. MISSED APPROACH	MAP:	MAFEZ/1.00 DME	VAUGN/EUG 14.00 DME			ASC		4100			
				11. AAO	440302.20N/1233008.20W	2035 (2C)	1000	3100			
	ELEV:			12. TERRAIN	440302.20N/1233008.20W	1835 (1800)		AS1500			
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	426	13. CTRL TWR (41-	440703.27N/1231245.92W	494 (2C)	300		800
CATEGORY B	1.5 NM		450		466	14. TWR (41-001057)	440559.18N/1231022.39W	514 (1A)	300	HAA	840
CATEGORY C	1.7 NM		450		466	15. TANK (41-021038)	440946.25N/1231125.71W	519 (1A)	300	HAA	840
CATEGORY D	2.3 NM		550		726	16. AAO	440328.86N/1231316.75W	799 (2C)	300		1100
CATEGORY E	4.5 NM		550								
5. MINIMUM SAFE ALTITUDES											
PRIMARY NAVAD: EUG VORTAC											
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
190-280	AAO	287/17.0	3536 (6C)	4600							
280-190	AAO	309/27.4	4297 (6C)	5300							
CITY AND STATE		ELEVATION: 374			FACILITY		PROCEDURE AND AMENDMENT NO:			REGION	
EUGENE, OR		AIRPORT NAME: MAHLON SWEET FIELD			EUG VORTAC		VOR OR TACAN RWY 34L, AMDT 5A			ANM	

QUALITY
11
CHECKED

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>BLOCK 3: ALTIMETER SETTING SOURCE: KEUG; 24 HRS OPTN; LOCATION: ON AIRPORT. BACK UP NOT USED DUE TO REDUNDANT ON-AIRPORT WEATHER REPORTING MEANS. AS REQUIRED BY CURRENT/FORECASTED WEATHER, TWR PERSONNAL WILL ILLUMINATE THE APPROPRIATE RWY/APC LIGHTS FOR PERIOD (06:00 -1400Z) TWR IS CLOSED. VGSI 3.00/53</div> <div>ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.82NM CAT C: 2.86NM CAT D: 3.73NM</div> <div>NO ADDITIONAL AIRSPACE REQUIRED.</div> <div>VEGETATION HEIGHT 100', PER FPT.</div> <div>OBS #9 NOT DOCUMENTED HERE AS A 20:1 VISUAL PENETRATION.</div> <div>TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATION: 34:1 408 TREE (KEUGL022) 440633.61N/1231314.22W (4.15)</div> <div>XP=FLIGHT CHECK RECOMMENDATION.</div>															
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																	
EUG TOWER CASCADE APP CON ZSE ARTCC						N W S		OTHER: ASOS												SOURCE:KEUG					
						F A A														DISTANCE:					
						A / C														HOURS REMOTE OPERATION:					
SATISFACTORY ON:				LOCATION: KEUG				ADJUSTMENT: 0																	
4. MONITOR STATUS		X		V H F		X		U H F												H F		PRIMARY NAVAID: EUG VORTAC			
																				MONITOR POINT: POCC					
		HRS OPTN:		CAT 1				24																	
5. APPROACH & RUNWAY LIGHTING		X																				ALSF-2 16R (PCL)			
												(S) SALS													
		X										MALSR 16L (PCL)													
		X										HIRL 16L, 16R, 34L, 34R													
												MIRL													
		X										REIL 34R (PCL)													
		X										TDZ 16R													
		X										C/L 16R, 34L													
6. RUNWAY MARKINGS												BASIC													
												ALL WEATHER PIR-G 16L, 16R, 34L, 34R													
												INSTRUMENT													
7. RUNWAY VISUAL RANGE												APPROACH 16R, 34L													
												MIDFIELD 16R, 34L													
												ROLL OUT 16R, 34L													
8. GLIDE PATH												GP ANGLE:													
												ELEV RWY THRESHOLD:													
												ELEV GP ANTENNA:													
												THRESHOLD CROSSING HEIGHT:													
9. FINAL APPROACH COURSE AIMING														RUNWAY THRESHOLD 3000 FT. FROM THRESHOLD											
														ON CENTERLINE 286 FT. FROM CENTERLINE											
10. WAIVERS: NONE																									
PART D - PREPARED BY: RONALD SALPINO										DATE: 05/09/2016															
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5433															

