

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										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		ILS: DA LOC: I-EUG 1.56 DME FIX												
EUG VORTAC				MACTA/EUG VORTAC 5.87 DME				341.01 / 5.87				3000		CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 230 AND ON EUG VORTAC R-205 TO VAUGHN/EUG 14.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. <u>ALTERNATE MA (DO NOT CHART):</u> CLIMB TO 1000 THEN (SEE FORM 8260-10) ADDITIONAL FLIGHT DATA: HOLD SW, LT, 024.50 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE CVO VOR/DME, RT, 334.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE CVO VOR/DME, RT, 334 INBOUND CHART FAS OBST: 449 TREE 440845N/1231308W FAS OBST: 539 AAO 441124N/1231240W CHART VDP AT 2.47 DME* DISTANCE VDP TO THLD 0.91 NM. *LOC ONLY. CHART: MAXIMUM 6000 AT MACTA CHART CIRCLING ICON												
CVO VOR/DME (IAF)				HOCUM INT/I-EUG 18.38 DME/RADAR (NOPT)				131.00 / 5.87				4000														
HOCUM INT/I-EUG 18.38 DME/RADAR (IF)				MACTA/I-EUG 6.55 DME				163.37 / 11.82 (I-EUG)				2000														
1. PT <u>R</u> SIDE OF COURSE <u>343.37</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>MACTA</u> (IAF)																	MAG VAR: 16E EPOCH YEAR: 2010									
2. _____																										
3. FAC: <u>163.37</u> FAF: <u>MACTA/I-EUG 6.55 DME</u> DIST FAF TO MAP: _____ THLD: <u>4.99</u>																										
4. MIN. ALT: <u>MACTA 2000, WENIT/I-EUG 4.56 DME 1360*</u>																										
5. DIST TO THLD FROM OM: _____ MM: _____ IM: <u>930</u> 150 HAT: <u>1968</u> 100 HAT: <u>1048</u> GS ANT: <u>950</u>																										
6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>MACTA 2000</u> OM: _____ MM: _____ IM: <u>459</u>																										
7. GS ANGLE: <u>3.00</u> TCH: <u>49.7</u>																										
8. MSA FROM: <u>EUG VORTAC 190-280 4600, 280-190 5300</u>																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: 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											
S-ILS 16R	563	1800	200	563	1800	200	563	1800	200	563	1800	200														
S-LOC 16R	700	2400	337	700	2400	337	700	2600	337	700	2600	337														
CIRCLING	800	1	426	840	1	466	840	1 1/2	466	1100	2 1/4	726														
NOTES: SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 16R: CAT A, B, C, D, RA 164, RVR 1400, HAT 150, DA 513 MSL. CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 16R: CAT A, B, C, D, RA 108, RVR 1200, HAT 100, DA 463 MSL. (CONTINUED ON PAGE 2)																										
CITY AND STATE EUGENE, OR				ELEVATION: 374 TDZE: 363 AIRPORT NAME: MAHLON SWEET FIELD				FACILITY IDENTIFIER: I-EUG		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 16R, AMDT 37; ILS RWY 16R (SA CAT I), ILS RWY 16R (CAT II), ILS RWY 16R (CAT III)						SUP: ILS OR LOC/DME RWY 16R AMDT: 36 DATED 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 checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> ZSE, CASCADE APCH CON, AMGR, EUG ATCT</div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
<div><div>RONALD SALPINO</div><div><small>Digitally signed by RONALD SALPINO Aug 04, 2016</small></div></div>				AJV-5433	04/28/2016
APPROVED BY					
NAME:				FIFO	DATE:
<div><div>LONNIE EVERHART</div><div>MANAGER</div></div>				AJV-5430	
CHANGES:					
<div>1. ADDED SA CAT I MINIMUMS AND REQUIRED NOTES.</div> <div>2. UPDATED CIRCLING TO CURRENT CRITERIA CHANGED CAT D CIRCLING FROM 940-2 TO 1100-2 1/4.</div> <div>3. CHANGED S-LOC CAT C/D VISIBILITY FROM CAT C 2400, CAT D 4000 TO CAT C-D 2600.</div> <div>4. ADDED ALTERNATE MINIMUMS FOR CAT D (800-2 1/4).</div> <div>5. UPDATED CHART NOTE: CAT II AND III MINIMUMS NA WHEN TOWER CLOSED TO SA CAT I, CAT II AND III MINIMUMS NA WHEN TOWER CLOSED.</div> <div>6. REMOVED CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-LOC 16R CAT D VISIBILITY TO RVR 5000 FEET.</div> <div>7. ADDED PLANVIEW NOT, "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EUG VORTAC AIRWAY RADIALS 287 CW 355".</div> <div>8. FINAL LENGTH INCREASED FROM 4.92 TO 4.99 NM.</div>					
REASONS:					
<div>1. REQUESTED BY THE RAPT AND FPT AND IAW 8260.19</div> <div>2, 3. IAW 8260.3 CRITERIA.</div> <div>4, 5. IAW 8260.19 CRITERIA.</div> <div>6. NOT REQUIRED IAW 8260.3.</div> <div>7. IAW 8260.3 CRITERIA.</div> <div>8. NEW PFAF FORMULA MOVED PFAF MACTA NORTH APPROXIMATELY 425.32 FEET</div>					

QUALITY

11

CHECKED

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29**

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.

MISSED APPROACH INSTRUCTIONS, (CONT.):

CLIMBING RIGHT TURN TO 4000 DIRECT CVO VOR/DME AND HOLD SE, RT, 334.00 INBOUND.

NOTES, (CONT.):

CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 16R: CAT III CAT A,B,C,D, RVR 600.

CHART NOTE: DME REQUIRED.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

SA CAT I, CAT II AND III MINIMUMS NA WHEN CONTROL TOWER CLOSED.

CHART PROFILE NOTE: USE I-EUG DME WHEN ON LOCALIZER COURSE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CORVALLIS VOR/DME AIRWAY RADIALS 081 CW 177.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON EUGENE VORTAC AIRWAY RADIALS 287 CW 355.

QUALITY
11
CHECKED

CITY AND STATE

EUGENE, OR

ELEVATION: 374

TDZE: 363

AIRPORT NAME:

MAHLON SWEET FIELD

FACILITY
IDENTIFIER:
I-EUG

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 16R, AMDT 37; ILS RWY 16R (SA CAT I),
ILS RWY 16R (CAT II), ILS RWY 16R (CAT III)SUP: ILS OR LOC/DME
RWY 16R

AMDT: 36

DATED: 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	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.		
FEEDER		EUG VORTAC	MACTA/EUG	1. TREE	440753.30N/1231845.74W	939 (2C)	1700	AT361	3000		
			VORTAC 5.87 DME	2. TERRAIN	440753.30N/1231845.74W	839 (800)		AS1500	2300		
INITIAL		CVO VOR/DME	HOCUM INT/I-EUG	3. AAO	442600.00N/1232048.00W	745 (4E)	1000	AT2255	4000		
			18.38 DME/RADAR	4. TERRAIN	442600.00N/1232048.00W	545 (500)		AS1500	2000		
INTERMEDIATE		HOCUM INT/I-EUG	MACTA/I-EUG 6.55	5. AAO	442509.00N/1230935.00W	1218 (4E)	500	SA-412 AT596 AC98	2000		
		18.38 DME/RADAR	DME	6. TERRAIN	441327.00N/1231218.00W	319 (300)		AS1500	1800		
INTERMEDIATE: PT		10 NM	MACTA/I-EUG 6.55	7. STACK (41-000114)	442258.00N/1230935.00W	581 (2C)	500	AT919	2000		
			DME	8. TERRAIN	441327.00N/1232048.00W	319 (300)		AS1500	1800		
FINAL: ILS		MACTA/I-EUG 6.55	RW16R				ASC		563/200		
		DME									
FINAL: LOC		MACTA/I-EUG 6.55	WENIT/I-EUG 4.56	9. AAO	441124.29N/1231240.06W	539 (2C)	250	DG571	1360		
		DME	DME								
FINAL: LOC STEPDOWN		WENIT/I-EUG 4.56	I-EUG 1.56 DME	10. TREE	440845.00N/1231308.00W	449 (2C)	250		700		
		DME	FIX								
2. PROCEDURE TURN		MACTA	10 NM	11. AAO	441723.18N/1231851.00W	959 (2C)	1000	AT541	2500		
				12. TERRAIN	441723.18N/1231851.00W	759 (800)		AS1500	2300		
3. MISSED APPROACH	MAP:	DA / I-EUG 1.56	VAUGN INT/EUG				ASC		5000		
		DME FIX	14.00 DME	13. AAO	435418.70N/1232239.30W	2135 (2A)	1000		3200		
	ELEV:	395/450		14. TERRAIN	435431.00N/1232250.00W	1959 (2000)		AS1500	3500		
4. CIRCLING AREA		DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	426	15. CTRL TWR (41-	440703.27N/1231245.92W	494 (2C)	300		800
CATEGORY B	1.5 NM		450		466	16. TWR (41-001057)	440559.18N/1231022.39W	514 (1A)	300	HAA	840
CATEGORY C	1.7 NM		450		466	17. TANK (41-021038)	440946.25N/1231125.71W	519 (1A)	300	HAA	840
CATEGORY D	2.3 NM		550		726	18. 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			I-EUG		ILS OR LOC RWY 16R, AMDT 37; ILS RWY 16R (SA CAT I) , ILS RWY 16R (CAT II) , ILS RWY 16R (CAT III)			ANM	

QUALITY
11
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. 2. ASOS ON SERVICE A, HRS OPERATION: 24, LOCATION: ON AIRPORT. 3. BACK-UP ALTIMETER NOT REQUIRED, REDUNDANT PER FPT. 4. AS REQUIRED BY CURRENT/FORECASTED WEATHER, TWR PERSONNEL WILL ILLUMINATE THE APPROPRIATE RWY/APC LIGHTS FOR PERIOD (06:00-14:00Z HOURS) TWR IS CLOSED. VGSi: 3.00/50 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 NO ADDITIONAL AIRSPACE REQUIRED. OE/AAA PROGRAM WAS USED TO VERIFY HIGH TERRAIN IN MISSED APPROACH FOR OBS #14. PER EUG ATCT, ILS MONITORS REMOTE TO THE POCC WHEN TOWER IS CLOSED. VEGETATION HEIGHT 100 FT PER FPT. INTERMEDIATE EXCEEDS 10NM PER ATC/FPT. PT PATTERN 1 USED FOR DG. MISSED APPROACH OBSTACLES CONT. ALTERNATE: 19. AAO 441437.54N/1232537.92W 2189 (2C) 1000 3200 20. TERRAIN 441437.54N/1232537.92W 1959 (2000) AS1500 3500	
1. COMMUNICATIONS WITH: ZSE ARTCC EUG TOWER CASCADE APP CON			2. WEATHER SERVICE			3. ALTIMETER SETTING					
SATISFACTORY ON:				N W S	OTHER: ASOS		SOURCE: KEUG				
				F A A			DISTANCE:				
				A / C			HOURS REMOTE OPERATION:				
X	V H F	X	U H F		H F	LOCATION: KEUG			ADJUSTMENT: 0		
4. MONITOR STATUS	PRIMARY NAVAID: I-EUG										
	MONITOR POINT: EUG ATCT / POCC										
	HRS	CAT 1	24 HRS								
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									
	X	OTHER (SPECIFY) VASI-4L 34L ODALS 34L (PCL) PAPI-4L 16L (PCL), 16R, 34R (PCL)									
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: 3.00				ELEV RWY THRESHOLD: 360.2					
		DISTANCE FROM RWY: 950				ELEV GP ANTENNA: 357.2					
						THRESHOLD CROSSING HEIGHT: 49.7					
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD FT. FROM THRESHOLD								
		X	ON CENTERLINE FT. FROM CENTERLINE								
10. WAIVERS: NONE											
PART D - PREPARED BY: RONALD SALPINO						DATE: 04/28/2016					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5433					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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	PART - A OBSTRUCTION DATA
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PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
		MALS									
		HIRL									
		MIRL									
		REIL									
		TDZ									
		C/LINE									
		OTHER (SPECIFY)									
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:						DATE:					
TITLE:						OFFICE:					

