

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR 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: 5.93 MILES AFTER PLN VORTAC OR AT PLN 5.93 DME FIX							
BETAY/PLN 8.00 DME CCW (IAF)		FODAR/PLN 8.00 DME (NOPT)		8.00 DME ARC (PLN LR-277)				3000		CLIMB TO 2800 THEN LEFT TURN DIRECT PLN VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 082.15 INBOUND. CHART FAS OBST: 838 TREE 453823N/0843416W FAS OBST: 1105 AAO 453917N/0843726W CHART PLN R-295 AT BETAY. CHART PLN R-170 AT OTREE. PLN VORTAC TO RW10: 3.05/40.							
OTREE/PLN 8.00 DME CW (IAF)		FODAR/PLN 8.00 DME (NOPT)		8.00 DME ARC (PLN LR-247)				3000									
FODAR/PLN 8.00 DME (IF)		PLN VORTAC		081.99 / 8.00				2600									
1. PT <u> L </u> SIDE OF COURSE <u> 262.17 </u> OUTBOUND <u> 3000 </u> FT WITHIN <u> 10 </u> MILES OF <u> PLN VORTAC </u> (IAF) 2. _____ 3. FAC <u> 082.17 </u> FAF <u> PLN VORTAC </u> DIST FAF TO MAP <u> 5.93 </u> THLD <u> 5.93 </u> 4. MIN. ALT <u> PLN VORTAC 2600, CUTUP/PLN 3.50 DME 1360* </u> 8. MSA FROM: <u> PLN VORTAC 3200 </u>																	
										MAG VAR: 6W EPOCH YEAR: 1985							
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-10	1360	1	721	1360	1	721	1360	2	721		NA						
CIRCLING	1360	1	720	1360	1	720	1360	2	720		NA						
CUTUP FIX MINIMUMS																	
S-10	1100	1	461	1100	1	461	1100	1 3/8	461		NA						
CIRCLING	1140	1	500	1140	1	500	1140	1 1/2	500		NA						
NOTES: CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART PROFILE NOTE: *1420 WHEN USING PELLSTON ALTIMETER SETTING. (SEE FORM 8260-10)																	
CITY AND STATE				ELEVATION: 640 THRE: 639				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR RWY 9	
CHEBOYGAN, MI				AIRPORT NAME:				PLN				VOR RWY 10, AMDT 9				AMDT 8A	
				CHEBOYGAN COUNTY												DATE 04/13/2006	

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE <div style="text-align: center;">ROUTINE</div>
COORDINATED WITH: <div style="display: flex; justify-content: space-between; padding: 5px;"> <div style="text-align: center;">ATA <input type="checkbox"/></div> <div style="text-align: center;">AAT <input type="checkbox"/></div> <div style="text-align: center;">ALPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">APA <input type="checkbox"/></div> <div style="text-align: center;">AOPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">NBAA <input checked="" type="checkbox"/></div> <div style="text-align: center;">OTHER (specify) <input checked="" type="checkbox"/> ZMP, LAN FSS, APT MGR</div> </div>		
FLIGHT CHECKED BY		
NAME: <div style="text-align: center;">Edward W. Mesa</div>	FIFO AVN	DATE: 2/3/11
DEVELOPED BY		
NAME: <div style="text-align: center;">JOSE ALFONSO (LYNN M. PACETTI)</div>	FIFO AVN-120	DATE: 10/18/2010
APPROVED BY		
NAME: <div style="text-align: center;">GREGORY YAMAMOTO</div>	FIFO AVN-120 <div style="text-align: center;">MANAGER</div>	DATE: FEB 11 2011
CHANGES: <ol style="list-style-type: none"> 1. RAISED INITIAL APPROACH ALTITUDES FROM 2800 TO 3000. 2. NON-DME MINIMUMS RAISED FROM 1300 TO 1360 FOR STRAIGHT IN AND CIRCLING. 3. VISIBILITY MINIMUMS RAISED FROM 1-3/4 TO 2 MILES FOR S-10 AND CIRCLING CAT C. 4. VISIBILITY MINIMUMS FOR STEPDOWN RAISED FROM 1-1/4 TO 1-3/8 FOR S-10 CAT C. 5. REMOVED VDP AND ADDED VDP NA NOTE. 6. AUTHORIZED ALTERNATE MINIMUMS. 7. ADDED NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. 		
REASONS: <ol style="list-style-type: none"> 1. NEW CONTROLLING OBSTRUCTION IDENTIFIED IN BIENNIAL REVIEW. 2. STEPDOWN FIX RELOCATED FOR STABILIZED DESCENT. 3. HAT/HAA INCREASES DUE TO OBSTACLES. 4, 5. OBSTACLE PENETRATES 20:1 SURFACE. 6. ALTIMETERS ON SERVICE A AND VOR MONITORED BY MOCC. 7. IAW CURRENT CRITERIA. 		

**VOR 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.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-10 CAT B VISIBILITY 1/4 MILE, S-10 CAT C VISIBILITY 1/2 MILE, CIRCLING CAT B VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE; INCREASE CUTUP FIX MINIMUMS S-10 CAT C VISIBILITY 1/8 MILE.

CITY AND STATE

CHEBOYGAN, MI

ELEVATION: 640

THRE: 639

AIRPORT NAME:

CHEBOYGAN COUNTY

FACILITY
IDENTIFIER:
PLN

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 10, AMDT 9

SUP: VOR RWY 9

AMDT: 8A

DATED: 04/13/2006

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	BETAY/PLN 8.00	FODAR/PLN 8.00	1. AAO	453224.30N/0845156.00W	1478 (6C)	1000	AT522	3000			
	DME CCW	DME	2. TERRAIN	453224.30N/0845156.00W	1278 (1300)		AS1500	2800			
INITIAL: ARC	OTREE/PLN 8.00	FODAR/PLN 8.00	1. AAO	453224.30N/0845156.00W	1478 (6C)	1000	AT522	3000			
	DME CW	DME	2. TERRAIN	453224.30N/0845156.00W	1278 (1300)		AS1500	2800			
INTERMEDIATE: PT	10 NM	PLN VORTAC	1. AAO	453224.30N/0845156.00W	1478 (6C)	500		2000			
			3. TERRAIN	453242.00N/0845206.00W	1099 (1100)		AS1500	2600			
INTERMEDIATE	FODAR/PLN 8.00	PLN VORTAC	4. AAO	453945.00N/0845142.00W	1250 (4E)	500	AC98 AT752	2600			
	DME		5. TERRAIN	453942.00N/0845142.00W	1034 (1000)		AS1500	2500			
FINAL	PLN VORTAC	CUTUP/PLN 3.50	6. AAO	453917.10N/0843726.29W	1105 (2C)	250		1360			
		DME									
FINAL: STEPDOWN	CUTUP/PLN 3.50	5.93 MILES AFTER	7. TREE	453822.51N/0843416.03W	838 (2C)	250		1100			
	DME	PLN VORTAC OR									
		AT PLN 5.93 DME									
		FIX									
2. PROCEDURE TURN	PLN VORTAC	10 NM	8. TOWER (26-001472)	453003.00N/0850146.00W	1910 (5E)	1000		3000			
			9. TERRAIN	452800.00N/0845404.00W	1322 (1300)		AS1500	2800			
3. MISSED APPROACH	MAP: 5.93 MILES AFTER	PLN VORTAC				ASC		2800			
	PLN VORTAC OR		10. TOWER (26-000221)	453901.00N/0842038.00W	1290 (5E)	1000		2300			
	ELEV: 850		11. TERRAIN	453542.00N/0843457.00W	909 (900)		AS1500	2400			
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	720 / 500	12. TOWER (26-001321)	453825.00N/0843020.00W	789 (4D)	300	SI / AC50	1360 / 1140
CATEGORY B	1.5 NM		450		720 / 500	12. TOWER (26-001321)	453825.00N/0843020.00W	789 (4D)	300	SI / AC50	1360 / 1140
CATEGORY C	1.7 NM		450		720 / 500	13. TREE	453850.43N/0843358.12W	818 (2C)	300	SI / XP20	1360 / 1140
CATEGORY D	2.3 NM		550								
CATEGORY E	4.5 NM		550								
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID: PLN VORTAC							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
360-360	TWR (26-001587)	194/ 27.9	2168 (5D)	3200							
CITY AND STATE		ELEVATION: 640		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
CHEBOYGAN, MI		AIRPORT NAME: CHEBOYGAN COUNTY		PLN		VOR RWY 10, AMDT 9		AGL			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:		
1. COMMUNICATIONS WITH: LAN FSS ZMP ARTCC			2. WEATHER SERVICE <div style="display: flex; justify-content: space-between;"><div>N W S</div><div>OTHER: AWOS-3</div></div> <div style="display: flex; justify-content: space-between;"><div>F A A</div><div></div></div> <div style="display: flex; justify-content: space-between;"><div>A / C</div><div></div></div>			3. ALTIMETER SETTING SOURCE: KSLH / KPLN DISTANCE: 0 / 12.70 HOURS REMOTE OPERATION: 24 / BACKUP					VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.	
											PARA 251, 20:1 PENETRATION.	
											PARA 251, 34:1 PENETRATION.	
PRECIPITOUS TERRAIN EVALUATION COMPLETED.												
RASS PRESSURE PATTERNS SAME KSLH 639.5, KPLN 720.7 RA = 40.58. SEE ATTACHED AIRSPACE LETTER.												
SATISFACTORY ON:			LOCATION:			ADJUSTMENT: 0 / 41				VGSI DATA: 4.00/25.		
4. MONITOR STATUS			PRIMARY NAVAID: PLN VORTAC							RUNWAY 16/34 IS AN UNMARKED, UNLIGHTED TURF RUNWAY FOR PRIVATE USE ONLY.		
			MONITOR POINT: MOCC									
			<div style="display: flex; justify-content: space-between;"> <div>HRS</div> <div>CAT 1</div> <div>24</div> </div> <div style="display: flex; justify-content: space-between;"> <div>OPTN:</div> <div>CAT 3</div> <div></div> </div>									
5. APPROACH & RUNWAY LIGHTING			ALS								TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 20:1 PENETRATIONS RWY 10: 718 TREE (KSLHL018) 453911.43N/0843202.90W (.62) 658 ROAD (KSLHL005) 453911.06N/0843143.83W (8.32) 724 TREE (KSLHL016) 453907.62N/0843159.69W (17.98) 711 TREE (KSLHL013) 453908.29N/0843155.86W (18.59) 711 TREE (KSLHL012) 453909.44N/0843155.16W (21.08) 680 TREE (KSLHL006) 453919.32N/0843144.36W (28.51) 693 TREE (KSLHL009) 453919.83N/0843145.83W (36.29) 702 TREE (KSLHL008) 453911.24N/0843144.84W (48.74) 34:1 PENETRATIONS 718 TREE (KSLHL028) 453918.55N/0843215.25W (7.02) 734 TREE (KSLHL030) 453908.02N/0843220.05W (12.94) 724 TREE (KSLHL027) 453908.61N/0843213.61W (16.39) 717 TREE (KSLHL025) 453913.23N/0843208.87W (19.31) 720 TREE (KSLHL026) 453920.66N/0843209.27W (21.52) 717 TREE (KSLHL021) 453915.98N/0843205.79W (25.76) 719 TREE (KSLHL022) 453910.74N/0843206.29W (26.69) 723 TREE (KSLHL023) 453909.73N/0843206.82W (29.58) 718 TREE (KSLHL020) 453917.00N/0843204.85W (28.73) 716 TREE (KSLHL019) 453916.51N/0843204.21W (28.06)	
			(S) SALS									
			MALS									
			HIRL									
			X MIRL 10 (PCL), 28 (PCL)									
			X REIL 10 (PCL), 28 (PCL)									
			TDZ									
C/LINE												
6. RUNWAY MARKINGS			BASIC							100' USED FOR VEGETATION AND 100' WITH 4D AC USED FOR MAST HEIGHT PER FPO. FPO NOTIFIED OF 20:1 AND 34:1 PENETRATIONS. OBSTACLE #1 IN INTERMEDIATE PT 166.65 FT INTO SECONDARY AREA. FULL ROC APPLIED. KSLH AWOS-3 IS ON SERVICE A. KPLN ASOS IS ON SERVICE A. XP: TO MATCH CATS A/B.		
			ALL WEATHER									
			INSTRUMENT NPI-G 10, 28									
7. RUNWAY VISUAL RANGE			APPROACH									
			MIDFIELD									
			ROLL OUT									
8. GLIDE PATH			GP ANGLE: 3.05				ELEV RWY THRESHOLD: 639.3					
			DISTANCE FROM RWY:				ELEV GP ANTENNA:					
			THRESHOLD CROSSING HEIGHT: 40.0									
9. FINAL APPROACH COURSE AIMING			X		RUNWAY THRESHOLD			FT. FROM THRESHOLD				
			X		ON CENTERLINE			FT. FROM CENTERLINE				
10. WAIVERS: NONE												
PART D - PREPARED BY: JOSE ALFONSO (LYNN M. PACETTI)								DATE: 10/18/2010				
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AVN-120				

QUALITY
CHECKED