

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KSLH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 3D	<u>CITY</u> CHEBOYGAN	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 640	<u>TDZE</u> 640	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 3C	<u>DATED</u> 10/08/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
PLN VORTAC		JATRA		TF	FO	1.00	295.66	5.95	2600
PINES		JATRA		TF	FO	1.00	217.69	25.66	2600
JATRA	IF/IAF	CATAP		TF	FB	1.00	101.70	6.01	2400
CATAP	FAF	FELNO/2.90 NM TO RW10		TF	FB	0.30	096.82	2.50	
FELNO/2.90 NM TO RW10		RW10	MAP	TF	FO	0.30	096.82	2.90	
RW10	MAP	1040 MSL		CA			096.82		
1040 MSL		FIKAM		DF	FO	1.00			2600

**MISSED APPROACH**

**MAP:**

LP: RW10  
LNAV: RW10

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2600 DIRECT FIKAM AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W JATRA, RT, 101.70 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 096.82FAF: CATAPDIST FAF TO MAP: 5.40DIST FAF TO THLD: 5.40

4. MIN ALT: JATRA 2600, CATAP 2400, FELNO/2.90 NM TO RW10 1620

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW10 3000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PLN VORTAC AIRWAY RADIALS 219 CW 023.  
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 277.10 INBOUND.  
CHART FAS OBST: 839 TREE 453854N/0843427W, 825 TREE (26-155302) 453921N/0843453W.  
WAAS CHANNEL # 50224  
REFERENCE PATH ID: W10A  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.  
LTP HAE: 159.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	1080	1	440	1080	1	440	1080	1 1/4	440		NA				
LNAV MDA	1100	1	460	1100	1	460	1100	1 3/8	460		NA				
CIRCLING	1140	1	500	1140	1	500	1140	1 1/2	500		NA				



**CHANGES - REASONS**

1. INCORPORATED CHANGES FROM P-NOTAM AMDT 3C AND FDC NOTAM 1/7048.
2. CHANGED CHART NOTE FROM: RNP APCH TO RNP APCH - GPS TO PBN REQUIREMENTS NOTE - IAW 8260.19I PARA 8-6-8.B (2).
3. MOVED ALL NOTES AND REFERENCES TO PELLSTON ALTIMETER SETTING FROM 8260-3 TO 8260-9 FOR CONTINGENCY PURPOSES - MOVED TO 8260-9/LOCAL AND SECONDARY ON WMSCR.
4. ADDED CHART FAS OBST: 825 TREE (26-155302) 453921N/0843453W TO ADDITIONAL FLIGHT DATA - IAW 8260.19I, PARA 8-6-10.C.
5. CHANGES LP DA/HAT FROM 1060/420 TO 1080/440 - INCORPORATED FDC NOTAM 1/7048.
6. CHANGED CRC REMAINDER FROM "252FC7EC" TO "F721AF20" - FPAP COORDINATES UPDATED AND LTP/FTP COORDINATES UPDATED.
7. CHANGED FEEDERS RNP VALUE FROM 2.00 TO 1.00. - UPDATED TO CURRENT AJV-DIRECTED CRITERIA REQUIREMENTS.
8. CHANGED CHART NOTE FROM: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - IAW 8260.19I, PARA 8-6-11.K (3).
9. CHANGED PROFILE 2 MAX FROM 14000 TO 6000. - NEW TARGETS EVALUATION.
10. CHANGED CHART NOTE FROM: STRAIGHT-IN RWY 10 NA AT NIGHT, CIRCLING RWY 10, 17, 35 NA AT NIGHT TO PROCEDURE NA AT NIGHT. - 20:1 PENETRATIONS TO ALL RUNWAYS/NEW TARGETS EVALUATION.

**COORDINATED WITH:**A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZMP, AMGR**FLIGHT CHECKED BY**

JEFFREY W HARING

*Digitally signed by***JON DENTON**

Feb 24, 2022

**OFFICE**

FPO

**DATE**

02/18/2022

**DEVELOPED BY**

JON DENTON (KATHERINE EUBANKS)

*Digitally signed by***JON DENTON**

Feb 24, 2022

**OFFICE**

AJV-A432

**DATE**

12/15/2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by***JON DENTON**

Feb 24, 2022

**OFFICE**

AJV-A430

**DATE****TITLE**  
MANAGERQUALITY  
10  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSLH
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	453915.0860N
LTP/FTP LONGITUDE	0843138.0995W
LTP/FTP ELLIPSOIDAL HEIGHT	+01591
FPAP LATITUDE	453915.2280N
FPAP LONGITUDE	0842931.0765W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	F721AF20

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01949
FPAP ORTHOMETRIC HEIGHT	+01949

