

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MBS VOR/DME	IVODY (TF) (FO) (RNP 2.00)	111.98 / 22.46	2700
FNT VORTAC	XADDY (TF) (FB) (RNP 2.00)	025.26 / 23.19	3100
XADDY (IAF)	IVODY (NOPT) (TF) (FB) (RNP 1.00)	007.02 / 6.00	2700
IVODY (IF/IAF)	EHEMU (TF) (FB) (RNP 1.00)	277.13 / 7.00	2200
EHEMU (FAF)	RW28 (MAP) (TF) (FO) (RNP 0.30)	277.02 / 4.89	
(SEE FORM 8260-10)			

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

CLIMB TO 2800 DIRECT CULAK AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 096.74 INBOUND.
FAS OBST: 815 AAO 432553N/0834618W
CHART 860 TOWER 432626N/0834505W.
DISTANCE TO THLD FROM 205 HAT: 0.51 NM.
CHART VDP AT 1.35 NM TO RW28*
*LNAV ONLY.
WAAS CHANNEL # 90200
REFERENCE PATH ID: W28A
CHART CIRCLING ICON.
LTP HAE: 147.6 M

MAG VAR: 7W EPOCH YEAR: 2020

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E IVODY, LT, 277.13 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 277.02 FAF: EHEMU DIST FAF TO MAP: 4.89 THLD: 4.89
4. MIN. ALT: IVODY 2700, EHEMU 2200
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2200 GS ALT AT: EHEMU 2200 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 44.1 34:1 IS CLEAR
8. MSA FROM: RW28 3100

MINIMUMS

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	804	3/4	205	804	3/4	205	804	3/4	205		NA				
LNAV/VNAV DA	849	3/4	250	849	3/4	250	849	3/4	250		NA				
LNAV MDA	1080	3/4	481	1080	3/4	481	1080	1 1/8	481		NA				
CIRCLING	1100	1	498	1100	1	498	1460	2 1/2	858		NA				

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV DA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA FOR CAT C N OF RWY 10-28.
CHART NOTE: CIRCLING RWY 5, 23 NA AT NIGHT.
(CONTINUED ON PAGE 2)

@ CAT C 900-2 1/2



CITY AND STATE SAGINAW, MI	ELEVATION: 602 TDZE: 599 AIRPORT NAME: SAGINAW COUNTY H W BROWNE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 2 7 DECEMBER 2017	SUP: RNAV (GPS) RWY 27 AMDT: 1C DATED 06/27/2013
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RW28 (MAP)	804 MSL (CA)	277.02	
804 MSL	CULAK (DF) (FO) (RNP 1.00)		2800

NOTES, (CONT.):

- CHART NOTE: DME/DME RNP-0.3 NA.
- CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FNT VORTAC AIRWAY RADIALS 076 CW 097.
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MBS VOR/DME ON V133 NORTHBOUND.
- CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.
- CHART SPEED ICON IN PLANVIEW AT IVODY: MAX 225 KIAS.



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				AMDT: 1C
				DATED: 06/27/2013

**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	KHYX
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	432602.1170N
LTP/FTP LONGITUDE	0835110.9865W
LTP/FTP ELLIPSOIDAL HEIGHT	+01476
FPAP LATITUDE	432602.0100N
FPAP LONGITUDE	0835313.2700W
THRESHOLD CROSSING HEIGHT (TCH)	00044.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 0F9FF764

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01820
FPAP ORTHOMETRIC HEIGHT	+01820



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	AIRPORT NAME: SAGINAW COUNTY H W BROWNE			AMDT: 1C
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