

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE ILS STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
CMX	ILS OR LOC RWY 32	15C	HANCOCK	MI		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1095	1070	ILS OR LOC RWY 31	15B	08/11/2022	2W	1985
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-CMX		30 NOVEMBER 2023	ROUTINE			

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>
CMX VOR/DME		GALEY OM/I-CMX 5.54 DME					135.51	4.75	2800
PEVXI/CMX VOR/DME 17.00 DME	IAF	MUMBY/I-CMX 14.79 DME	NOPT				357.87 & 312.87	2.36 (HDG) & 1.24 (I-CMX)	2500
CIBPA/CMX R-171/14.00 DME/RADAR CCW	IAF	MUMBY/I-CMX 14.79 DME	NOPT				14.00 DME ARC	14.00 (CMX LR- 142)	2500
MUMBY/I-CMX 14.79 DME	IF	GALEY OM/I-CMX 5.54 DME					312.87	9.25 (I-CMX)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.30 NM AFTER GALEY OM/I-CMX 5.54 DME OR AT I-CMX 1.24 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3100 DIRECT CMX VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	L	SIDE OF COURSE	132.87	OUTBOUND	2800	FT WITHIN	10	MILES OF	GALEY OM/I-CMX 5.54 DME (IAF)		
2.												
3.	FAC:	312.87	FAF:	GALEY OM/I-CMX 5.54 DME			DIST FAF TO MAP:	4.30	DIST FAF TO THLD:	4.30		
4.	MIN ALT:	GALEY OM/I-CMX 5.54 DME 2500										
5.	DIST TO THLD FROM OM:	4.30	MM:		IM:		150 HAT:		GS ANT:	801		
6.	MIN GS INCPT:	2500	GS ALT AT FAF:	GP INTCP					OM:	2494	MM:	IM:
7.	GS ANGLE:	3.00	34:1:		20:1:		TCH:	46.1				
8.	MSA FROM:	CMX VOR/DME 3300										



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART PROFILE NOTE: USE I-CMX DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 32 CAT C/D VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 135.51 INBOUND.
CHART FAS OBST: 1107 TREE 470937N/0882813W.
CHART VDP AT 2.04 DME.
DISTANCE VDP TO THLD 0.80 NM.
CHART CMX R-171 AT CIBPA.
CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4, 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
S-ILS 32	1270	1/2	200	1270	1/2	200	1270	1/2	200	1270	1/2	200			
S-LOC 32	1360	1/2	290	1360	1/2	290	1360	1/2	290	1360	1/2	290			
CIRCLING	1620	1	525	1660	1	565	1700	1 3/4	605	1820	2 1/4	725			

CHANGES - REASONS

1. CHANGE PROCEDURE NAME FROM ILS OR LOC RWY 31 TO ILS OR LOC RWY 32 - RUNWAY NUMBER CHANGED.
2. CHANGE ILS CATEGORY FROM S-ILS 31 TO S-ILS RWY 32 - RUNWAY NUMBER CHANGED.
3. CHANGE LOC CATEGORY FROM S-LOC 31 TO S-LOC RWY 32 - RUNWAY NUMBER CHANGED.
4. RAISED CIRCLING CAT A MDA/HAA FROM 1580/485 TO 1620/525 AND CAT B FROM 1600/505 TO 1660/565 - APPLIED OBSTACLE CRITERIA FOR HIGH TERRAIN OUTSIDE SURVEYED AREAS CREATING NOTIONAL TREES MATCHING OTHER PROCEDURES TO STANDARDIZE ALL CIRCLING MINIMUMS.
5. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALT MIN - DEFINE WEATHER SOURCE REQUIREMENT.
6. CHANGED GS ANT DIST FROM 800 TO 801 ON LINE 5 - CURRENT AIRNAV DATA.
7. REMOVED * FROM VDP AND DELETED "**LOC ONLY" FROM ADDITIONAL FIGHT DATA - CRITERIA CHANGE.
8. CHANGED NOTE "CHART PROFILE NOTE: USE I-CMX DME WHEN ON LOCALIZER COURSE" TO "CHART PROFILE NOTE: USE I-CMX DME WHEN ON THE LOCALIZER COURSE" - 8260.19I 8-2-5(F)3.
9. CHANGED DIST TO THLD FROM GS ANT FROM 800 TO 801 - DATA.
10. DELETED CNF FIX CFVPV ON DR INITIAL SEGMENT - NO LONGER REQUIRED.
11. ADDED ALS INOP NOTE - NON STANDARD ADJUSTEMENT TO LOC CATS C/D VIS.

AIRPORT ID
CMX

PROCEDURE NAME
ILS OR LOC RWY 32

ORIGINAL/AMENDMENT
15C

CITY
HANCOCK

STATE
MI

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

CASIMIR L TABAKA

Oct 16, 2023

DATE

DEVELOPED BY

KELLY DEAN

Digitally signed by

KELLY D DEAN

Oct 10, 2023

OFFICE

AJV-A432

DATE

06/08/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Oct 16, 2023

OFFICE

AJV-A432

DATE

TITLE

MANAGER

