

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</u> WEST MICHIGAN RGNL	<u>AIRPORT ID</u> KBIV	<u>PROCEDURE NAME</u> ILS OR LOC RWY 26	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> HOLLAND	<u>STATE</u> MI	
<u>AIRPORT ELEVATION</u> 698	<u>TDZE</u> 686	<u>SUPERSEDED</u> ILS OR LOC/DME RWY 26	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 06/26/2014	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-BIV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<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>
PMM VOR/DME		JAVPO INT/I-BIV 13.20 DME					032.94	22.44	2700
JAVPO INT/I-BIV 13.20 DME	IF	FENAB/I-BIV 7.06 DME					263.73	6.13 (I-BIV)	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: I-BIV 1.16 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2600 ON HEADING 020 AND VIO VOR/DME R-285 TO ZEELE/VIO 25.66 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2700 ON HEADING 080 AND ON PMM VOR/DME R-033 TO JAVPO INT/I-BIV 13.20 DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E JAVPO, RT, 263.73 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 5100.
- FAC: 263.73 FAF: FENAB/I-BIV 7.06 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.91
- MIN ALT: JAVPO INT/I-BIV 13.20 DME 2700, FENAB/I-BIV 7.06 DME 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 728
- MIN GS INCPT: 2600 GS ALT AT FAF : FENAB/I-BIV 7.06 DME 2600 OM: MM: IM:
- GP ANGLE: 3.00 34:1 20:1 TCH: 32.4
- MSA FROM: PMM VOR/DME 360-180 3000, 180-360 2300

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PMM VOR/DME AIRWAY RADIALS 004 CW 091.

ADDITIONAL FLIGHT DATA:

CHART PMM VOR/DME 22.44 DME AT JAVPO.
CHART CIRCLING ICON.
CHART VDP AT 2.10 DME*
DISTANCE VDP TO THLD 0.94 NM
* LOC ONLY
CHART FAS OBST: 751 TREE 424435N/0860508W.
HOLD E, RT, 285.40 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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 26	886	1/2	200	886	1/2	200	886	1/2	200		NA				
S-LOC 26	1020	1/2	334	1020	1/2	334	1020	1/2	334		NA				
CIRCLING	1200	1	502	1240	1	542	1240	1 1/2	542		NA				

CHANGES - REASONS

1. REMOVED FEEDER FROM MKG VORTAC TO JAVPO - MKG BEING DECOMMISSIONED.
2. CHANGED INTERMEDIATE SEGMENT LENGTH FROM 6.23, TO 6.13 - MOVED PFAF LOCATION.
3. CHANGED PROCEDURE NAME FROM "ILS OR LOC/DME RWY 26" TO "ILS OR LOC RWY 26" - 8260-3, CHAPTER 1-6-2.
4. CHANGED DME DISTANCE FROM FENAB TO I-BIV DME, FROM 6.97, TO 7.06 - FENAB MOVED.
5. CHANGED DISTANCE FROM FAF TO THLD FROM 5.81 TO 5.91 - PFAF MOVED.
6. RAISED CAT B/C CMDA FROM 1200 TO 1240 - NEW CONTROLLING OBSTACLE IDENTIFIED.
7. CHANGED PRIMARY MISSED APPROACH FROM "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2600 ON HEADING 080 AND MKG R-185 TO ZEELE INT/MKG 18.00 DME AND HOLD, OR AS DIRECTED BY ATC" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2600 ON HEADING 020 AND VIO VOR/DME R-285 TO ZEELE/VIO 25.66 DME AND HOLD" - MKG BEING DECOMMISSIONED; CHANGES COORDINATED WITH ATC AND FPT.
8. REMOVED CHART NOTE "DME REQUIRED" - 8260.19H, CHAPTER 8-6-8A.
9. ADDED EQUIPMENT REQUIREMENT NOTE DME REQUIRED - 8260.19H, CHAPTER 8-6-8A.
10. REMOVED BACKUP ALTIMETER AND ASSOCIATED NOTES - MOVED TO -9 AS A CONTINGENCY.
11. REMOVED ADDITIONAL FLIGHT DATA NOTE "CHART MKG VORTAC 25.1 DME AT JAVPO" - MKG BEING DECOMMISSIONED; NOTE NO LONGER APPLICABLE.
12. REMOVED ADDITIONAL FLIGHT DATA NOTE CHART IN PLANVIEW: USE OF PMM R-033 AND MKG R-159 MAY BE NECESARRY TO LOCATE JAVPO INTERSECTION - MKG BEING DECOMMISSIONED; NOTE NO LONGER APPLICABLE.
13. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PMM VOR/DME AIRWAY RADIALS 004 CW 091" - TURNS EXCEED 120 DEGREES.
14. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED.



COORDINATED WITH:

~~A4A~~ ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAU, APT MGR, MKG TRACON

FLIGHT CHECKED BY

PAUL R ARMSTRONG

OFFICE

FICO

DATE

12/26/2019

Digitally signed by

ALLAN WILL

Jan 07, 2020

DEVELOPED BY

ALLAN WILL (KARLIE BUNTIN)

OFFICE

AJV-A421

DATE

Digitally signed by

ALLAN WILL

Jan 07, 2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

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ALLAN WILL

Jan 07, 2020

TITLE

MANAGER

