

**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> 35D	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> ALLEGAN	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 706	<u>TDZE</u> 706	<u>SUPERSEDED</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<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>
SAMME		SIGIE		TF	FB	1.00	270.15	14.87	3000
ZEELE		SIGIE		TF	FB	1.00	185.91	13.86	3000
PMM VOR/DME	IAF	PUGNE	NOPT	TF	FB	1.00	013.06	5.46	3000
SIGIE	IAF	PUGNE	NOPT	TF	FB	1.00	192.51	5.00	3000
PUGNE	IF/IAF	ITIKE		TF	FB	1.00	102.50	6.07	2500
ITIKE	FAF	RW11	MAP	TF	FO	0.30	102.59	5.43	
RW11	MAP	1106 MSL		CA			102.59		
1106 MSL		WILAG		DF	FB	1.00			
WILAG		CEXED		TF	FB	1.00	012.76	5.25	
CEXED		SAMME		TF	FO	1.00	326.49	4.33	3000

MISSED APPROACH

MAP:

LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WILAG AND ON TRACK 012.76 TO CEXED AND TRACK 326.49 TO SAMME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. INCORPORATED P-NOTAMS 8/0117 FOR AMDT ORIG-B AND 1/8550 FOR AMDT ORIG-C.
2. DELETED AZO FEEDER SEGMENT IN TERMINAL ROUTES -- AZO VOR MON.
3. ADDED FINAL AND MISSED APPROACH SEGMENTS TO TERMINAL ROUTES -- UPDATED IAW 8260.19I, 8-6-4.
4. ADDED "CONTINUE CLIMB IN HOLD TO 3000" TO MISSED APPROACH INSTRUCTIONS -- CLIMB-IN-HOLD REQUIRED BY TARGETS 6.5 CALCULATION.
5. ADDED "MAX 6000" ON PROFILE LINE 2 -- UPDATED IAW 8260.19I, 8-6-7.B(2).
6. ADDED "20:1 IS CLEAR" IN PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS 6.5 EVALUATION; UPDATED IAW 8260.19I, 8-6-7.G(3)(A).
7. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
8. DELETED NOTE "PROCEDURE NA FOR ARRIVALS AT AZO VOR/DME VIA V116 EASTBOUND" -- AZO VOR MON.
9. CHANGED NOTE PROCEDURE NA FOR ARRIVALS ON PMM VOR/DME AIRWAY RADIALS FROM "029 CW 091" TO "303 CW 091" -- GREATER THAN 90 DEGREE TURN FROM PMM 303 RADIAL INBOUND ON V30 TO PMM 013 COURSE OUTBOUND ON INITIAL; UPDATED IAW 8260.58B, 1-2-5.A(3).
10. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA -- NEW CIRCLING CRITERIA APPLIED FROM P-NOTAM 1/8550.
11. CHANGED CIRCLING CAT B MDA/HAA FROM "1280/574" TO "1320/614" -- CONTROLLING OBSTACLE CHANGED FROM "865 MSL TANK" TO "959 MSL TOWER", CANCEL FDC NOTAM.
12. CHANGED LNAV CAT C VISIBILITY FROM "1 1/2" TO "1 3/8" AND ADDED "AND LNAV CAT C VISIBILITY 1/4 SM" TO BACK-UP ALTIMETER NOTE -- UPDATED IAW 8260.3D VISIBILITY TABLES.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, GRR APP CON, AMGR

FLIGHT CHECKED BY

MICHAEL A GREENWOOD

*Digitally signed by***ALLAN WILL**

Nov 22, 2022

OFFICE

FPO

DATE

11/21/2022

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

*Digitally signed by***JASON KRETSCHMER**

Oct 17, 2022

OFFICE

AJV-A421

DATE

08/08/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Oct 17, 2022

OFFICE

AJV-A420

DATE**TITLE**
MANAGER