

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 29	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> ALLEGAN	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 706	<u>TDZE</u> 705	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<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>
PMM VOR/DME		ZADGO		TF	FB	1.00	101.38	23.77	3000
SAMME		CIGUL		TF	FB	1.00	122.15	9.75	3000
BOHRR	IAF	ENRUW	NOPT	TF	FB	1.00	232.12	7.45	3000
CIGUL	IAF	ENRUW	NOPT	TF	FB	1.00	192.86	5.00	3000
ZADGO	IAF	ENRUW	NOPT	TF	FB	1.00	012.84	5.00	3000
ENRUW	IF/IAF	WILAG		TF	FB	1.00	282.85	6.06	2500
WILAG	FAF	RW29	MAP	TF	FO	0.30	282.76	5.44	
RW29	MAP	1106 MSL		CA			282.76		
1106 MSL		ITIKE		DF	FB	1.00			
ITIKE		HEDUT		TF	FB	1.00	012.59	7.00	
HEDUT		SAMME		TF	FO	1.00	094.25	8.54	3000

MISSED APPROACH

MAP:

LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ITIKE AND ON TRACK 012.59 TO HEDUT AND TRACK 094.25 TO SAMME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS 8/0101 FOR AMDT ORIG-A AND 1/8551 FOR AMDT ORIG-B.
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. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT ITIKE AND RIGHT TURN VIA TRACK 012.59 TO HEDUT AND VIA TRACK 094.25 TO SAMME AND HOLD" TO "CLIMB TO 3000 DIRECT ITIKE AND ON TRACK 012.59 TO HEDUT AND TRACK 094.25 TO SAMME AND HOLD" -- UPDATED IAW 8260.19I, 8-6-6.D(11).
5. ADDED "MAX 6000" ON PROFILE LINE 2 -- UPDATED IAW 8260.19I, 8-6-7.B(2).
6. ADDED "20:1 IS CLEAR" ON 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 IN P-NOTAM 8/0101 FROM "RNP APCH" TO "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
8. CHANGED NOTE PROCEDURE NA FOR ARRIVALS ON PMM VOR/DME RADIALS FROM "091 CW 112" TO "029 CW 182" -- GREATER THAN 90 DEGREE TURNS FROM APPLICABLE AIRWAYS TO PMM FEEDER COURSE.
9. CHANGED HELICOPTER VISIBILITY REDUCTION NOTE FROM "1 SM" TO "3/4 SM" -- 20:1 CONFIRMED CLEAR; UPDATED IAW 8260.19I, 8-6-11.K(3).
10. DELETED CHART NOTE "STRAIGHT-IN RWY 29 NA AT NIGHT" -- 20:1 CONFIRMED CLEAR BY TARGETS 6.5 EVALUATION.
11. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA -- NEW CIRCLING CRITERIA APPLIED.
12. CHANGED CHART FAS OBSTACLE FROM "1089 TOWER 423031N/0854607W" TO "818 TREE (26-032883) 423143N/0854748W" IN ADDITIONAL FLIGHT DATA -- NEW EVALUATION.
13. CHANGED LNAV CAT C VISIBILITY FROM "2" TO "1 7/8" AND ADDED "AND LNAV VISIBILITY CAT C 1/8 SM" TO BACKUP ALTIMETER NOTE -- UPDATED IAW 8260.3E 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

Digitally signed by

JASON KRETSCHMER

Oct 17, 2022

OFFICE

AJV-A421

DATE

08/19/2022

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

TITLE
MANAGER

