

**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> CFS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> CARO	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 704	<u>TDZE</u> 689	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 04/17/2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 8W
				<u>EPOCH YEAR</u> 2020
				<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>
FNT VORTAC	IAF	HIPRA		TF	FB	1.00	020.73	23.47	3100
BIRRS	IAF	HIPRA		TF	FB	1.00	093.92	6.50	3100
HIPRA	IF	YOGUS		TF	FB	1.00	058.32	5.00	2300
YOGUS	FAF	VOWER/1.70 NM TO RW06		TF	FB	0.30	058.38	3.25	
VOWER/1.70 NM TO RW06		RW06	MAP	TF	FO	0.30	058.38	1.70	
RW06	MAP	1100 MSL		CA			058.38		1100
1100 MSL		BIRRS		DF	FO	1.00			3100

**MISSED APPROACH**

**MAP:**

LP: RW06  
LNAV: RW06

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3100 DIRECT BIRRS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HIPRA
- FAC:** 058.38 **FAF:** YOGUS **DIST FAF TO MAP:** 4.95 **DIST FAF TO THLD:** 4.95
- MIN ALT:** HIPRA 3100, YOGUS 2300, VOWER/1.70 NM TO RW06 1260
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:** RW06 3100



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING NA TO RWYS 13 AND 31.  
CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FNT VORTAC AIRWAY RADIALS 076 CW 097.  
CHART NOTE: PROCEDURE NA AT NIGHT.

**ADDITIONAL FLIGHT DATA:**

HOLD NW, RT, 137.00 INBOUND.  
FAS OBST: 829 TREE (26-040004) 432725N/0832732W, 779 TREE (26-047673) 432633N/0832817W.  
WAAS CHANNEL # 56441  
REFERENCE PATH ID: W06A  
YOGUS TO RW6: 3.00/40.  
CHART CIRCLING ICON.  
LTP HAE: 174.5 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>												
LP MDA	1040	1	351	1040	1	351	1040	1	351		NA				
LNAV MDA	1080	1	391	1080	1	391	1080	1 1/8	391		NA				
CIRCLING	1200	1	496	1200	1	496	1600	2 3/4	896		NA				

**CHANGES - REASONS**

1. PROFILE: LINE 7 ADDED "20:1 NOT CLEAR" - PER CRITERIA 8260.19J 8-6-7 (G) (3).
2. PBN REQUIREMENT NOTES: CHANGED NOTE FROM "RNP AR APCH" TO "RNP APCH - GPS" - PER CRITERIA 8260.19J 8-6-8 (D) (5).



AIRPORT ID  
CFS

PROCEDURE NAME  
RNAV (GPS) RWY 6

ORIGINAL/AMENDMENT  
2C

CITY  
CARO

STATE  
MI

COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA

OTHER: ZOB, MBS APP CON, 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*

**DAVID DANNER**

Apr 10, 2025

DATE

DEVELOPED BY

TRAVIS BRISTOW

*Digitally signed by*

**DAVID DANNER**

Apr 10, 2025

OFFICE

AJV-A421

DATE

04/04/2025

APPROVED BY

DAVID DANNER

*Digitally signed by*

**DAVID DANNER**

Apr 10, 2025

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE  
SBAS SERVICE PROVIDER IDENTIFIER  
AIRPORT IDENTIFIER  
RUNWAY  
APPROACH PERFORMANCE DESIGNATOR  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR  
REFERENCE PATH IDENTIFIER (APPROACH ID)  
LTP/FTP LATITUDE  
LTP/FTP LONGITUDE  
LTP/FTP ELLIPSOIDAL HEIGHT  
FPAP LATITUDE  
FPAP LONGITUDE  
THRESHOLD CROSSING HEIGHT (TCH)  
TCH UNITS SELECTOR (METERS OR FEET USED)  
GLIDEPATH ANGLE (GPA)  
COURSE WIDTH AT THRESHOLD  
LENGTH OFFSET  
HORIZONTAL ALERT LIMIT (HAL)  
VERTICAL ALERT LIMIT (VAL)

0  
0  
KCFS  
RW06  
0  
W06A  
432714.5595N  
0832713.3210W  
+01745  
432811.3075N  
0832538.9845W  
00040.0  
F  
03.00  
106.75  
1440  
40.0  
00.0

CRC REMAINDER

A3BD026F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K5  
+02087  
+02087

