

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> 2B	<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SUPERSEDED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> 2A	<u>DATED</u> 12/29/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 8W
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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:

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

QUALITY
37
CHECKED

PBN REQUIREMENTS NOTE:

RNP AR 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.

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
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. MINIMUMS: ALTERNATE MINIMUMS CHANGED FROM "STANDARD" TO "STANDARD - CAT C 900-2 3/4,NA WHEN LOCAL WEATHER NOT AVAILABLE" - CIRCLING MDA ALL CATS RAISED DUE TO NEW CONTROLLING OBSTACLE.
2. MINIMUMS: AMENDED LNAV CAT C VISIBILITY FROM "1 1/4" TO "1 1/8" - PER CRITERIA 8260.3F 3-3-1.
3. MINIMUMS: AMENDED CIRCLING CAT C FROM "MDA 1220/VIS 1 1/2" TO "MDA 1600/VIS 2 3/4" - DUE TO NEW OBSTACLE SURVEY.
4. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM "CHART FAS OBST: 829 TREE (26-040004) 432725N/0832732W" TO "FAS OBST: 829 TREE (26-040004) 432725N/0832732W" - REMOVED "CHART" PER CRITERIA 8260.19J 8-6-11 (C).
5. MINIMUMS: AMENDED CIRCLING CAT C HAT FROM "516" TO "896" - DUE TO NEW OBSTACLE SURVEY.
6. FAS DATA BLOCK: LTP/FTP LATITUDE CHANGED FROM "432714.5625N" TO "432714.5595N" - UPDATED AIRPORT AIRNAV DATA.
7. FAS DATA BLOCK: LTP/FTP LONGITUDE CHANGED FROM "0832713.3165W" TO "0832713.3210W" - UPDATED AIRPORT AIRNAV DATA.
8. FAS DATA BLOCK: CRC REMAINDER CHANGED FROM "FA6D5C34" TO "A3BD026F" - UPDATED LTP/FTP LATITUDE LONGITUDE FROM "432714.5625N/0832713.3165W" TO "432714.5595N/0832713.3210W".

03/06/2025 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/03/2025.
1. NOTES: CHANGED CHART NOTE FROM "RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 NOT AUTHORIZED" TO "RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED".



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZOB, MBS APP CON, AMGR

FLIGHT CHECKED BY

GREGORY SCOTT WIEBE

Digitally signed by

DAVID DANNER

Mar 07, 2025

OFFICE

FIOG

DATE

03/02/2025

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

TRAVIS D BRISTOW

Mar 07, 2025

OFFICE

AJV-A421

DATE

11/01/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Mar 07, 2025

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCFS
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	432714.5595N
LTP/FTP LONGITUDE	0832713.3210W
LTP/FTP ELLIPSOIDAL HEIGHT	+01745
FPAP LATITUDE	432811.3075N
FPAP LONGITUDE	0832538.9845W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	A3BD026F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02087
FPAP ORTHOMETRIC HEIGHT	+02087

