

RADIO FIX AND HOLDING DATA RECORD

NAME: BIRRS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 432026.48N/0834637.11W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SAGINAW	MBS	VOR/DME	L	134.00	131.00	17.42	17.42	3000	17500
2	FLINT	FNT	VORTAC	VH	002.65	356.65		22.47	3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW		WP	317.00	137.00	R		4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-000116)	432503.39N/0835506.04W	1109	5D
UPN	310	TOWER (26-000558)	431301.00N/0834317.00W	2013	4D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 24		1	KCFS	CARO	MI (US)
IAP	RNAV (GPS) RWY 6		1	KCFS	CARO	MI (US)
IAP	RNAV (GPS) RWY 18			KFNT	FLINT	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

FIX MAKE-UP: UPDATED FLINT VORTAC CLASS FROM "H" TO "VH".
CHARTING: ADDED "CONTROLLER LOW" TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TRAVIS BRISTOW

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE: *Digitally signed by*

DAVID DANNER

Mar 03, 2025

QUALITY
30
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WINTO

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 432145.96N/0831402.48W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 24

FAC

PAT

AIRPORT IDENT
KCFS

CITY
CARO

STATE
MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

CHARTING: ADDED "CONTROLLER LOW" TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TRAVIS BRISTOW

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Mar 03, 2025

QUALITY
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CHECKED