

RADIO FIX AND HOLDING DATA RECORD

NAME: ERRYS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425145.50N/0840854.44W

TYPE: WP, INT

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	FEET	MRA	MAA
1	FLINT	FNT	VORTAC	VH	256.70	250.70	18.77	18.77		2700	17500
2	SAGINAW	MBS	VOR/DME	VL	187.47	184.47		40.25		2700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MBS	VOR/DME	R-187	41	2700	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	E	FNT	VORTAC	256.70	256.70	R	1		2700	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001939)	425356.00N/0841119.00W	1353	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

FLINT (FAC 1) AND SAGINAW (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 21			KFPK	CHARLOTTE	MI (US)
IAP	RNAV (GPS) RWY 36			KFNT	FLINT	MI (US)
IAP	ILS OR LOC RWY 10R	1, 2	1	KLAN	LANSING	MI (US)
IAP	RNAV (GPS) RWY 29			KRNP	OWOSSO	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

IN FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM "H" TO "VH".
IN FIX MAKE-UP FACILITIES: CHANGED FAC 2 CLASS FROM "L" TO "VL".
IN CONTROLLING OBSTRUCTIONS, REMOVED PAT "UPN" - UNPLANNED HOLDING NO LONGER DOCUMENTED ON FORMS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: TEVAR MALONE

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A33

NAME: KYLE THOMPSON

SIGNATURE:

QUALITY
35
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UNSUN

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 424504.72N/0850449.70W

TYPE: WP, 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	FEET	MRA	MAA
1	VICTORY	VIO	VOR/DME	VH	100.44	096.44	18.53	18.53		2700	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	VIO	VOR/DME	100.44	100.44	R	1		3000	6000	5	6
2	W		WP	280.00	100.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001692)	424045.00N/0850357.00W	1953	5D
2	200	TOWER (26-001692)	424045.00N/0850357.00W	1953	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 21			KFPK	CHARLOTTE	MI (US)
IAP	RNAV (GPS) RWY 26L			KGRR	GRAND RAPIDS	MI (US)
IAP	RNAV (GPS) RWY 12			9D9	HASTINGS	MI (US)
IAP	RNAV (GPS) RWY 30		2	9D9	HASTINGS	MI (US)
IAP	ILS OR LOC RWY 10R	1		KLAN	LANSING	MI (US)
IAP	ILS OR LOC RWY 28L	1	1	KLAN	LANSING	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

IN FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM "H" TO "VH".

IN CONTROLLING OBSTRUCTIONS, REMOVED PAT "UPN" - UNPLANNED HOLDING NO LONGER DOCUMENTED ON FORMS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: TEVAR MALONE

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A33

NAME: KYLE THOMPSON

SIGNATURE:

QUALITY
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