

RADIO FIX AND HOLDING DATA RECORD

NAME: ALPENA VORTAC

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450458.00N/0833325.21W

TYPE:

AIRSPACE DOCKET: 23-AGL-41

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ALPENA	APN	VORTAC	L							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	N	APN	VORTAC	355.00	175.00	R	1		2500	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	451109.00N/0833139.00W	1050	4E
1	310	TOWER (26-000317)	450346.00N/0834256.00W	1409	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 19	KAPN	ALPENA	MI (US)
1	ILS OR LOC RWY 1	KAPN	ALPENA	MI (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V45					(US)
EN ROUTE	V78					(US)
IAP	HI-ILS OR LOC RWY 1			KAPN	ALPENA	MI (US)
IAP	HI-TACAN RWY 19			KAPN	ALPENA	MI (US)
IAP	HI-VOR OR TACAN RWY 1			KAPN	ALPENA	MI (US)
IAP	ILS OR LOC RWY 1		1	KAPN	ALPENA	MI (US)
IAP	RNAV (GPS) RWY 19			KAPN	ALPENA	MI (US)
IAP	VOR RWY 19		1	KAPN	ALPENA	MI (US)
IAP	RNAV (GPS) RWY 27			KGLR	GAYLORD	MI (US)
IAP	ILS OR LOC RWY 25			KOSC	OSCODA	MI (US)
IAP	RNAV (GPS) RWY 27			KPZQ	ROGERS CITY	MI (US)
IAP	RNAV (GPS) RWY 9			KPZQ	ROGERS CITY	MI (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. DOCKET: ADDED "23-AGL-41"
2. REMOVED UNPLANNED HOLDING DATA AND RESTRICTIONS.
3. FIX USE: REMOVED "EN ROUTE V420"; UPDATED KAPN "ILS OR LOC RWY 1 (ALT MISS)" TO "ILS OR LOC RWY 1".

08/05/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/09/24.

1. ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 12/26/2024

OFFICE: AVJ-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: COBIB

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450050.00N/0842701.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	096.28	276.28	R	4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001398)	450059.25N/0842109.69W	2049	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 27		1	KGLR	GAYLORD	MI (US)
IAP	RNAV (GPS) RWY 9		1	KGLR	GAYLORD	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. CONTROLLING OBSTRUCTIONS: UPDATED COORDINATES FROM "450100.00N/0842110.00W" TO "450059.25N/0842109.69W" AND ACCURACY CODE FROM "5D" TO "4D".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: JILL SUPPES

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RONDO

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 451643.24N/0843106.32W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	PELLSTON	PLN	VORTAC	L	169.71	163.71	22.00	22.00	3000	17500
2	ALPENA	APN	VORTAC	L	293.41	286.41		42.46	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
APN	VORTAC	R-293	43	5000	17500

FIX RESTRICTIONS:

MRA V609 5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PELLSTON (FAC 1) AND ALPENA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T265					(US)
EN ROUTE	V609					(US)
IAP	RNAV (GPS) RWY 27			KGLR	GAYLORD	MI (US)
IAP	RNAV (GPS) RWY 32			KPLN	PELLSTON	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

DELETED KPLN - ILS OR LOC RWY 32 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: THERON CYRUS

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WODIV

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450052.38N/0845730.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	275.93	095.93	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	450157.00N/0845154.00W	1683	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 27		1	KGLR	GAYLORD	MI (US)
IAP	RNAV (GPS) RWY 9		1	KGLR	GAYLORD	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. CONTROLLING OBSTRUCTIONS: UPDATED OBSTRUCTION COORDINATES FROM "450154.00N/0845157.00W" TO "450157.00N/0845154.00W", ELEVATION FROM "1700" TO "1683", AND ACCURACY CODE FROM "2C" TO "4B".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: JILL SUPPES

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZABLE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 444049.15N/0841630.05W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SAGINAW	MBS	VOR/DME	L	356.00	353.00	69.44	69.44	5000	17500
2	PELLSTON	PLN	VORTAC	L	169.71	163.71	59.37	59.37	3000	17500
3	ALPENA	APN	VORTAC	L	239.00	232.00	39.01	39.01	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MBS	VOR/DME	R-356	70	5000	17500
PLN	VORTAC	R-170	60	3000	17500

FIX RESTRICTIONS:

MCA V609 5000 SOUTHBOUND
MCA V78 5000 SOUTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PELLSTON (FAC 2) AND ALPENA (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V609	1, 2, 3				MI (US)
EN ROUTE	V78	1, 3				MI (US)
IAP	RNAV (GPS) RWY 27			KGLR	GAYLORD	MI (US)
IAP	RNAV (GPS) RWY 25			KOSC	OSCODA	MI (US)
IAP	RNAV (GPS) RWY 09			Y31	WEST BRANCH	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 11/08/2018

REASON FOR REVISION:

CHANGED KOSC RNAV (GPS) RWY 24 TO RNAV (GPS) RWY 25 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: RALPH DUMAR

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: APN TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZINBU

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450600.77N/0842245.11W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 27

FAC

PAT

AIRPORT IDENT
KGLR

CITY
GAYLORD

STATE
MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/03/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/11/2011

OFFICE: AJV-353

NAME: LONNIE EVERHART

APPROVED BY:

DATE: 03/15/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER: