

RADIO FIX AND HOLDING DATA RECORD

NAME: BABBE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 441259.55N/0853709.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28			KMBL	MANISTEE	MI (US)
IAP	ILS OR LOC RWY 10			KTVC	TRAVERSE CITY	MI (US)
IAP	RNAV (GPS) RWY 10			KTVC	TRAVERSE CITY	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

REMOVED AIRSPACE DOCKET #21-AGL-27.
ADDED IAP ILS OR LOC RWY 10 FOR KTVC TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FEPEX

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 443920.38N/0855530.02W

TYPE: WP, 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	MRA	MAA
								NM FEET		
1	TRAVERSE CITY	TVC	VOR/DME	VH	269.51	267.51	16.08	16.08	3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V420	1				(US)
IAP	ILS OR LOC RWY 10			KTVC	TRAVERSE CITY	MI (US)
IAP	RNAV (GPS) RWY 10			KTVC	TRAVERSE CITY	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

ADDED IAP ILS OR LOC RWY 10 FOR KTVC TO FIX USE.
CHANGED FROM CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: IROTO **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 451120.36N/0850430.40W **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	MRA	MAA
1	PELLSTON	PLN	VORTAC	L	219.39	213.39	31.69	31.69	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE		WP	038.39	218.39	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001068)	451049.00N/0850550.20W	1676	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V193	1				(US)
EN ROUTE	V320	1				(US)
IAP	RNAV (GPS) RWY 2		1	KACB	BELLAIRE	MI (US)
IAP	RNAV (GPS) RWY 17		1	KBFA	BOYNE FALLS	MI (US)
IAP	RNAV (GPS) RWY 27			KCVX	CHARLEVOIX	MI (US)
IAP	RNAV (GPS) RWY 9			KGLR	GAYLORD	MI (US)
IAP	ILS OR LOC RWY 10			KTVC	TRAVERSE CITY	MI (US)
IAP	RNAV (GPS) RWY 10			KTVC	TRAVERSE CITY	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 12/26/2024

REASON FOR REVISION:

1. TYPE: REMOVED "INT".
2. FIX MAKE-UP FACILITIES: REMOVED GLR VOR/DME (FAC 2).
3. HOLDING RESTRICTIONS: ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN".
4. REMARKS: REMOVED "PELLSTON (FAC 1) AND GAYLORD (FAC 2) USED TO ESTABLISH FIX COORDINATES".
5. REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED".
6. FIX USE: REMOVED FAC 2 FROM V193 AND V320.

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: PEETR **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 444451.36N/0854354.75W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE IAP	RNAV (GPS) RWY 10			KTVC	TRAVERSE CITY	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/07/2017

REASON FOR REVISION:
FIX MOVED 8.372FT EAST TO NEW PFAF LOCATION DUE TO RWY EXTENSION OF 115FT, UPDATED LAT/LON.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 07/31/2017	OFFICE: AJV-5421	NAME: STEVEN VARGAS (DARREN HOOPER)
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: TVC TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROPTE **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 444400.99N/0852545.88W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE IAP	RNAV (GPS) RWY 10			KTVC	TRAVERSE CITY	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/06/2014

REASON FOR REVISION:
REMOVED FIX MAKE-UP.
REVISED FIX USE FORMAT.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 07/29/2013	OFFICE: AJV-353	NAME: JILL OLSON (COLTON CROWDER)
APPROVED BY:	DATE: 02/06/2014	OFFICE: AJV-353	NAME: DEBORAH COPELAND

SIGNATURE:

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