

RADIO FIX AND HOLDING DATA RECORD

NAME: PONTIAC VORTAC **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 424203.09N/0833157.98W **TYPE:**

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	PONTIAC	PSI	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 LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	PSI	VORTAC	304.00	124.00	R	1		2700	6000	4	5
2	NW		WP	304.00	124.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001927)	424417.00N/0834003.00W	1523	5D
2	200	TOWER (26-001927)	424417.00N/0834003.00W	1523	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 3W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PALACE			KPTK	PONTIAC	MI (US)
DP	ST. CLAIR			KPTK	PONTIAC	MI (US)
EN ROUTE	V410					(US)
IAP	RNAV (GPS) RWY 15			KDET	DETROIT	MI (US)
IAP	ILS OR LOC RWY 9	1		KFNT	FLINT	MI (US)
IAP	RNAV (GPS) RWY 27			KFNT	FLINT	MI (US)
IAP	RNAV (GPS)-B			K1D2	PLYMOUTH	MI (US)
STAR	GOHMA			CYQG	ONTARIO, CANADA	(CA)
STAR	GOHMA			KARB	ANN ARBOR	MI (US)
STAR	GOHMA			KDET	DETROIT	MI (US)
STAR	SPRTN			KDET	DETROIT	MI (US)
STAR	GOHMA			KYIP	DETROIT	MI (US)
STAR	SWWAN			KOZW	HOWELL	MI (US)
STAR	SWWAN			KY47	NEW HUDSON	MI (US)
STAR	GOHMA			K1D2	PLYMOUTH	MI (US)
STAR	SWWAN			KPTK	PONTIAC	MI (US)
STAR	SWWAN			KVLL	TROY	MI (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. MOVED HOLDING LIMITED TO ESTABLISHED PATTERNS FROM FIX RESTRICTIONS SECTION TO HOLDING RESTRICTIONS SECTION.
2. ADDED ST. CLAIR DP @ KPTK TO FIX USE SECTION.
3. REMOVED V103 ENROUTE FROM FIX USE SECTION.
4. REMOVED ILS OR LOC RWY 4R, ILS PRM RWY 4R (CAT II)(CP), ILS PRM RWY 4R (CAT III)(CP), ILS PRM RWY 4R, ILS PRM RWY 4R (SA CAT I)(CP), ILS RWY 4R (CAT II), ILS RWY 4R (CAT III), AND ILS RWY 4R (SA CAT I) IAPS @ KDTW FROM FIX USE SECTION.
5. REMOVED ILS OR LOC RWY 9R (ALT MA), LOC BC RWY 27L (ALT MA), VOR RWY 27L, AND VOR RWY 9R IAPS @ KPTK FROM FIX USE SECTION.
6. ADDED ILS OR LOC RWY 9 IAP @ KFNT TO FIX USE SECTION.
7. REMOVED VOR-A IAP @ KVLL FROM FIX USE SECTION.

DEVELOPED BY: **DATE:** 11/30/2017 **OFFICE:** AJV-5423 **NAME:** MICHAEL GARRITY

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: CEN
 ARTCC: ZOB
 ATC FACILITY: DTW APP CON, FNT APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SALEM VORTAC STATE: MI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 422431.11N/0833538.05W TYPE:

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	FAC FEET	MRA	MAA
1	SALEM	SVM	VORTAC	L							45000

FIX RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

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	NE	SVM	VORTAC	033.00	213.00	R	1		3000	6000	4	5
2	NW	SVM	VORTAC	294.00	114.00	L	1		3000	6000	4	5
3	NW	SVM	VORTAC	303.76	123.76	L	1		2400	6000	4	5
4	S	SVM	VORTAC	170.00	350.00	R	1		3000	6000	4	5
5	N	SVM	VORTAC	360.00	180.00	R	1		3000	6000	4	5
6	N	SVM	VORTAC	343.63	163.63	L	1		2600	6000	4	5
7	NE	SVM	VORTAC	055.00	235.00	R	1		3000	6000	4	5
8	NW	WP		294.00	114.00	L		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-000543)	422911.99N/0832949.10W	1389	5D
2	200	GEN UTIL (26-027127)	422403.80N/0833325.40W	1308	2C
3	200	GEN UTIL (26-027127)	422403.80N/0833325.40W	1308	2C
4	200	GEN UTIL (26-027127)	422403.80N/0833325.40W	1308	2C
5	200	AAO	423318.00N/0833942.00W	1349	4E
6	200	AAO	423318.00N/0833942.00W	1349	4E
7	200	TOWER (26-000543)	422911.99N/0832949.10W	1389	5D
8	200	GEN UTIL (26-027127)	422403.80N/0833325.40W	1308	2C

REASON FOR NONSTANDARD HOLDING:

PAT 3 ATC REQUEST
 PAT 8 PAT 10 ATC REQUEST
 PAT 2 ATC REQUEST
 PAT 6 ATC REQUEST

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 SALEM VORTAC MAGNETIC VARIATION W3/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOONN			KARB	ANN ARBOR	MI (US)
DP	MOONN			KDET	DETROIT	MI (US)
DP	MOONN			KDTW	DETROIT	MI (US)
DP	MOONN			KYIP	DETROIT	MI (US)
DP	MOONN			KPTK	PONTIAC	MI (US)
EN ROUTE	J70					(US)
EN ROUTE	Q907					(US)
EN ROUTE	Q951					(US)
EN ROUTE	V170					(US)
EN ROUTE	V26					(US)
EN ROUTE	V406					(US)
EN ROUTE	V90					(US)
IAP	VOR RWY 24		1	KARB	ANN ARBOR	MI (US)
IAP	VOR RWY 6		7	KARB	ANN ARBOR	MI (US)
IAP	ILS OR LOC RWY 15	1		KDET	DETROIT	MI (US)
IAP	ILS OR LOC RWY 33	1		KDET	DETROIT	MI (US)
IAP	ILS OR LOC RWY 21L			KDTW	DETROIT	MI (US)
IAP	ILS OR LOC RWY 22L			KDTW	DETROIT	MI (US)
IAP	ILS OR LOC RWY 27R		4	KDTW	DETROIT	MI (US)
IAP	ILS PRM RWY 22L (CLOSE PAR)			KDTW	DETROIT	MI (US)
IAP	ILS RWY 21L (SA CAT I & II)			KDTW	DETROIT	MI (US)
IAP	ILS OR LOC RWY 23L		2	KYIP	DETROIT	MI (US)
IAP	ILS OR LOC RWY 5R		2	KYIP	DETROIT	MI (US)
IAP	RNAV (GPS) RWY 23R			KYIP	DETROIT	MI (US)
IAP	RNAV (GPS) RWY 5L		8	KYIP	DETROIT	MI (US)
IAP	RNAV (GPS) RWY 5R		8	KYIP	DETROIT	MI (US)
IAP	VOR-A		6	KYIP	DETROIT	MI (US)
IAP	ILS OR LOC RWY 13			KOZW	HOWELL	MI (US)
IAP	RNAV (GPS) RWY 31			KOZW	HOWELL	MI (US)
IAP	VOR RWY 31			KOZW	HOWELL	MI (US)

IAP	VOR OR GPS-A	4	KY47	NEW HUDSON	MI (US)
IAP	RNAV (GPS) - B		K1D2	PLYMOUTH	MI (US)
IAP	VOR-A	3	K1D2	PLYMOUTH	MI (US)
IAP	ILS OR LOC RWY 9R	5	KPTK	PONTIAC	MI (US)
IAP	LOC BC RWY 27L	5	KPTK	PONTIAC	MI (US)
STAR	SPICA		KDTW	DETROIT	MI (US)
STAR	WEEDA		KDTW	DETROIT	MI (US)
STAR	FAILS		KBKL	CLEVELAND	OH (US)
STAR	FAILS		KCGF	CLEVELAND	OH (US)
STAR	HIMEZ		KCLE	CLEVELAND	OH (US)
STAR	HIMEZ		K1G1	ELYRIA	OH (US)
STAR	HIMEZ		KLPR	LORAIN/ELYRIA	OH (US)
STAR	HIMEZ		K1G5	MEDINA	OH (US)
STAR	FAILS		K7G8	MIDDLEFIELD	OH (US)
STAR	FAILS		K2G1	PAINESVILLE	OH (US)
STAR	FAILS		KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: DP, STAR, IAP, AREA, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. REMOVED V26 FROM FIX USE.
2. SEPERADTED V406 INTO SEPARATE ENTRIES UNDER FIX USE.
3. REMOVED ESV FROM SVM VORTAC.
4. DELETED V418 FROM FIX USE.
5. REMOVED V221 FROM FIX USE.
6. DELETED V116, V2, V464 FROM FIX USE.
7. DELETED RNAV (GPS) RWY 23 AT KADG FROM FIX USE.
8. DELETED RNAV (GPS) RWY 9R, RNAV (GPS) RWY 27L, VOR RWY 9R, VOR RWY 27L AT KPTK FROM FIX USE.
9. DELETED V133 FROM FIX USE.

DEVELOPED BY: **DATE:** 11/16/2017 **OFFICE:** AJV-5422 **NAME:** KEVIN KESZLER

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON, DET ATCT
OTHER: