

# RADIO FIX AND HOLDING DATA RECORD

NAME: GIPPER VORTAC

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414607.00N/0861906.43W

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	GIPPER	GIJ	VORTAC	H						45000

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	N	GIJ	VORTAC	000.87	180.87	L	1	2300 10000	4 9
2	W	GIJ	VORTAC	281.93	101.93	R	1	2400 10000	4 9
3	W	GIJ	VORTAC	270.00	090.00	R	1 1/2	18000 45000	16 29
4	E		WP	090.00	270.00	R		6000 10000	15 15

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001350)	415251.00N/0861813.00W	1250	5D
2	200	TOWER (18-001917)	414435.00N/0863125.00W	1180	5D
4	230	TOWER (18-001499)	414457.00N/0860711.00W	1300	5D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
PATTERN 4: EVALUATED AT 10 DME LEG LENGTH AT ATC REQUEST.  
ASSIGNED FACILITY MAG VAR: 00E 1965

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CICERO			KMDW	CHICAGO	IL (US)
DP	MIDWAY			KMDW	CHICAGO	IL (US)
DP	O'HARE			KORD	CHICAGO	IL (US)
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	J146		3			(US)
EN ROUTE	J554		3			(US)
EN ROUTE	V10					(US)
EN ROUTE	V156					(US)
EN ROUTE	V228					(US)
EN ROUTE	V526					(US)
EN ROUTE	V55					(US)
EN ROUTE	V6					(US)
EN ROUTE	V6-10					(US)
IAP	ILS OR LOC RWY 27			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 18			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 36			KEKM	ELKHART	IN (US)
IAP	VOR RWY 9		2	KEKM	ELKHART	IN (US)
IAP	ILS OR LOC RWY 27		1	KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 02			KPPO	LA PORTE	IN (US)
IAP	RNAV (GPS) RWY 20			KPPO	LA PORTE	IN (US)
IAP	VOR RWY 18		1	KSBN	SOUTH BEND	IN (US)
IAP	VOR RWY 28			KBEH	BENTON HARBOR	MI (US)
IAP	RNAV (GPS) RWY 09			C91	DOWAGIAC	MI (US)
IAP	RNAV (GPS) RWY 5			KAZO	KALAMAZOO	MI (US)
IAP	RNAV (GPS) RWY 15			3TR	NILES	MI (US)
IAP	RNAV (GPS) RWY 33			3TR	NILES	MI (US)
IAP	VOR-A			3TR	NILES	MI (US)
STAR	FISSK (RNAV)		4	KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)		4	KMDW	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 36

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

REMOVED STAR GOSHEN FOR KIGQ, KMDW, KGYG, 05C AND 3HO AIRPORTS FROM FIX USE.

REMOVED IAPS ILS OR LOC RWY 9R, ILS OR LOC RWY 27L AND ILS RWY 27L (SA CAT I & II) FOR KSBK AIRPORT FROM FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

**NAME:** SILVIA YOUNG

**APPROVED BY:**

**DATE:** 03/13/2025

**OFFICE:** AJV-A432

**NAME:** JOSEPH ZEDER

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: GOSHEN VORTAC

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413130.56N/0860140.63W

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	GOSHEN	GSH	VORTAC	H						45000

## HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## 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	GSH	VORTAC	270.00	090.00	R	1		2500 14000	4 10
2	W		WP	270.00	090.00	R		4	2500 14000	5 11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-002450)	412658.17N/0860430.00W	1349	5D
2	200	TOWER (18-002450)	412658.17N/0860430.00W	1349	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 0 DEGREES EAST/1965.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J60					(US)
EN ROUTE	J82					(US)
EN ROUTE	V126					(US)
EN ROUTE	V233					(US)
EN ROUTE	V55					(US)
EN ROUTE	V8					(US)
EN ROUTE	V92					(US)
IAP	RNAV (GPS) RWY 27			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 9			KEKM	ELKHART	IN (US)
IAP	VOR RWY 9			KEKM	ELKHART	IN (US)
IAP	ILS OR LOC RWY 32			KFWA	FORT WAYNE	IN (US)
IAP	ILS OR LOC RWY 5			KFWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II)			KFWA	FORT WAYNE	IN (US)
IAP	ILS OR LOC RWY 27		1	KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 27		2	KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 9		2	KGSH	GOSHEN	IN (US)
IAP	VOR RWY 9		1	KGSH	GOSHEN	IN (US)
IAP	RNAV (GPS) RWY 27L			KSBN	SOUTH BEND	IN (US)
IAP	RNAV (GPS) RWY 27R			KSBN	SOUTH BEND	IN (US)
IAP	RNAV (GPS) RWY 36			KSBN	SOUTH BEND	IN (US)
IAP	RNAV (GPS) RWY 9			KASW	WARSAW	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 04/17/2025

## REASON FOR REVISION:

REMOVED PAT 2 AND PAT 3 HOLDINGS AND THEIR ASSOCIATED CONTROLLING OBSTACLES FROM HOLDING PATTERNS.

RENUMBERED ALL HOLDING PATTERNS AND ALL CONTROLLING OBSTRUCTIONS.

REMOVED "PAT 2 SEPARATION OF SBN TRAFFIC" FROM REASON FOR NONSTANDARD HOLDING.

REMOVED STAR GOSHEN FOR KIGQ, KMDW, KGYG, 05C AND 3HO AIRPORTS FROM FIX USE.

REMOVED IAP VOR OR GPS-B FOR C03 AIRPORT FROM FIX USE.

REMOVED IAPS ILS OR LOC RWY 9R, ILS OR LOC RWY 27L AND ILS RWY 27L (SA CAT I & II) FOR KSBN AIRPORT FROM FIX USE.

REMOVED IAP ILS OR LOC RWY 27 FOR KEKM AIRPORT FROM FIX USE.

REMOVED STAR FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 03/13/2025

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NAME: JOSEPH ZEDER

**SIGNATURE:**