

RADIO FIX AND HOLDING DATA RECORD

NAME: MARION VOR/DME **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 402935.99N/0854045.30W **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	MRA FEET	MAA
1	MARION	MZZ	VOR/DME	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	SW	MZZ	VOR/DME	247.00	067.00	L	1		2400	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (18-000855)	403549.10N/0853919.70W	1399	5D
1	200	TOWER (18-000030)	403313.00N/0853845.00W	1150	5D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2500.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAINTAINED UNPLANNED HOLDING ALTITUDE AT 2500. UPLANNED CONTROLLING OBSTACLE'S MSL HEIGHT CHANGED FROM 1442 TO 1399.
 ASSIGNED FACILITY MAG VAR: 3W 1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MEARZ			KEYE	INDIANAPOLIS	IN (US)
DP	MEARZ			KHFY	INDIANAPOLIS	IN (US)
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	MEARZ			KIND	INDIANAPOLIS	IN (US)
DP	MEARZ			KMQJ	INDIANAPOLIS	IN (US)
DP	MEARZ			KTYQ	INDIANAPOLIS	IN (US)
DP	MEARZ			KUMP	INDIANAPOLIS	IN (US)
DP	MEARZ			KGEZ	SHELBYVILLE	IN (US)
EN ROUTE	Q118					(US)
EN ROUTE	V11					IN (US)
EN ROUTE	V214					IN (US)
IAP	ILS OR LOC 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 23 (ALT MA)		1	KOKK	KOKOMO	IN (US)
IAP	RNAV (GPS) RWY 23			KOKK	KOKOMO	IN (US)
IAP	RNAV (GPS) RWY 27			KGGP	LOGANSPO	IN (US)
IAP	ILS OR LOC RWY 4		1	KMZZ	MARION	IN (US)
IAP	RNAV (GPS) RWY 15			KMZZ	MARION	IN (US)
IAP	VOR RWY 15		1	KMZZ	MARION	IN (US)
IAP	RNAV (GPS) RWY 14			KMIE	MUNCIE	IN (US)
IAP	VOR RWY 21			KMIE	MUNCIE	IN (US)
IAP	RNAV (GPS) RWY 1			KI76	PERU	IN (US)
IAP	VOR-A			KIWH	WABASH	IN (US)
STAR	ESSPO (RNAV)			KORD	CHICAGO	IL (US)
STAR	VEECK (RNAV)			KORD	CHICAGO	IL (US)
STAR	WATSN (RNAV)			KORD	CHICAGO	IL (US)
STAR	CLANG			KIND	INDIANAPOLIS	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 04/27/2017

REASON FOR REVISION:
 UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/19/2016 **OFFICE:** AJV-5421 **NAME:** PABLO ORTIZ
APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** TONY LAWSON

Digitally signed by
ROBERT G HAMILTON

Feb 24, 2017



SIGNATURE:**DISTRIBUTION:**

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: GUS APP CON
OTHER:

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOXOG

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 403456.14N/0855921.15W

TYPE: WP, INT, 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	FAC FEET	MRA	MAA
1	KOKOMO	I-OKK	LOC		049.94	044.94		5.35	32520	2200	5300
2	KOKOMO	OKK	VORTAC	H	048.90	043.90	4.54	4.54		2200	17500
3	MARION	MZZ	VOR/DME	L	293.71	290.71		15.15		2200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.
PRECISE FIX COORDINATES: 403456.135N/0855921.145W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1, 2, 3		KOKK	KOKOMO	IN (US)
IAP	RNAV (GPS) RWY 23			KOKK	KOKOMO	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATED FAC 2 MAG BRG FROM 043.90 TO 048.90.

DEVELOPED BY:

DATE: 10/13/2016

OFFICE: AJV-5421

NAME: PABLO ORTIZ

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

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