

RADIO FIX AND HOLDING DATA RECORD

NAME: OSBER STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 404508.87N/0844828.67W 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	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	H	134.02	128.02	22.00	22.00	3000	17500
2	MUNCIE	MIE	VOR/DME	L	043.78	040.78		40.91	3000	17500
3	ROSEWOOD	ROD	VORTAC	H	313.77	308.77	44.73	44.73	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MIE	VOR/DME	R-044	41	3000	17500
ROD	VORTAC	R-314	45	3000	15600

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SE	FWA	VORTAC	134.02	314.02	L	1	3000 10000	6 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001340)	404615.00N/0845605.00W	1223	3B

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIRSPACE CONSTRAINTS

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FORT WAYNE (FAC 1) AND MUNCIE (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 265K PATTERN EVALUATED FOR MILITARY USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V277	1, 2, 3	1			(US)
IAP	ILS OR LOC RWY 5	1, 2, 3	1	KFWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II)	1, 2, 3	1	KFWA	FORT WAYNE	IN (US)
IAP	RADAR-1	1, 2, 3	1	KFWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 14	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 23	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	VOR OR TACAN RWY 5	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 31			KSMD	FORT WAYNE	IN (US)
STAR	HEDEE	1, 2, 3		KK62	FALMOUTH	KY (US)
STAR	HEDEE	1, 2, 3		KI69	BATAVIA	OH (US)
STAR	HEDEE	1, 2, 3		KLUK	CINCINNATI	OH (US)
STAR	HEDEE	1, 2, 3		KHAO	HAMILTON	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATED PAT 1 OBSTRUCTION ELEVATION.
 UPDATED FIX USE.

01/04/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/03/16.

1. CHANGED FIX TYPE OF ACTION FROM NO CHANGE TO MODIFY.
2. UPDATED FAC 1 MAG BRG FROM 128.02 TO 134.02.
3. UPDATED PAT 1 RAD/CRS/BRG FROM 128.02 TO 134.02, CRS INBOUND FROM 308.02 TO 314.02, TEMPLATES MIN FROM 10 TO 6, MAX FROM 13 TO 9 AND CONTROLLING OBSTRUCTION DATA.
4. UPDATED FIX USE.

DEVELOPED BY: DATE: 06/03/2016 OFFICE: AJV-5423 NAME: PABLO ORTIZ
 APPROVED BY: DATE: OFFICE: AJV-5420 NAME: TONY LAWSON



SIGNATURE: *Digitally signed by*
STEVEN A VARGAS

Jan 30, 2017

DISTRIBUTION:

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OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: TELEY STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 410131.13N/0853404.79W 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	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	H	285.25	279.25	17.48	17.48	2800	17500
2	MARION	MZZ	VOR/DME	L	012.00	009.00		32.30	2800	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	W	FWA	VORTAC	285.25	105.25	R	1	3000 6000	6 7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001273)	410558.00N/0854329.00W	1199	5D

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FORT WAYNE (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V38-144	1, 2				(US)
IAP	ILS OR LOC RWY 32	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	RADAR-1	1, 2	1	KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 9			KHHG	HUNTINGTON	IN (US)
IAP	RNAV (GPS) RWY 27			KGGP	LOGANSPOUT	IN (US)
IAP	RNAV (GPS) RWY 19			KI76	PERU	IN (US)
IAP	RNAV (GPS) RWY 27			KIWH	WABASH	IN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATED FIX USE.

01/03/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/23/16.

1. CHANGED FIX TYPE OF ACTION/HOLDING TYPE OF ACTION FROM NO CHANGE TO MODIFY.

2. UPDATED FAC 1 MAG BRG FROM 279.25 TO 285.25.

3. UPDATED PAT 1 RAD/CRS/BRG FROM 279.25 TO 285.25, CRS INBOUND FROM 099.25 TO 105.25, LEG LENGTH TIME FROM 1-1 1/2 TO 1, ALTITUDES MAX FROM 17500 TO 6000, TEMPLATES MAX FROM 10 TO 6, MAX FROM 18 TO 7 AND CONTROLLING OBSTRUCTION DATA.

4. REMOVED 265K PATTERN EVALUATED FOR MILITARY USE FROM REMARKS.

5. UPDATED FIX USE.

6. REMOVED MILITARY IAP FROM REQUIRED CHARTING.

DEVELOPED BY: DATE: 05/23/2016 OFFICE: AJV-5423 NAME: PABLO ORTIZ

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: TONY LAWSON

SIGNATURE: Digitally signed by STEVEN A VARGAS

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZAU
 ATC FACILITY: FWA APP CON, FWA ATCT
 OTHER:

Jan 30, 2017

QUALITY
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