

RADIO FIX AND HOLDING DATA RECORD

NAME: AKEWS

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410223.39N/0850648.17W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 23

FAC

PAT

AIRPORT IDENT
KFWA

CITY
FORT WAYNE

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVED FAC 1 DATA.
REMOVED RNP CRITERIA APPLIED FROM REMARKS.
UPDATED FIX USE.

DEVELOPED BY:

DATE: 06/14/2016

OFFICE: AJV-5423

NAME: PABLO ORTIZ

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE: *Digitally signed by*
JACOB POWERS

Sep 07, 2016

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BABAC

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410040.70N/0850900.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 23

FAC

PAT

AIRPORT IDENT
KFWA

CITY
FORT WAYNE

STATE
IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

REMOVED FAC 1 DATA.
UPDATED FIX USE.

DEVELOPED BY:

DATE: 06/14/2016

OFFICE: AJV-5423

NAME: PABLO ORTIZ

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

Digitally signed by
JACOB POWERS

Sep 07, 2016

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GRABI **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 411502.38N/0845422.07W **TYPE:** WP, INT

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	GOSHEN	GSH	VORTAC	H	107.63	107.63		53.27	4000	17500
2	FORT WAYNE	FWA	VORTAC	H	038.04	038.04		20.71	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GSH	VORTAC	R-108	54	4000	17500

FIX RESTRICTIONS:

MRA V8 4000

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	E		WP	072.25	252.25	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (18-000045)	410539.00N/0851049.00W	1648	4D
1	200	TOWER (39-003505)	411915.50N/0844311.80W	1252	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4000.

REMARKS:

GOSHEN (FAC 1) AND FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V11	1, 2				(US)
EN ROUTE	V8	1, 2				(US)
IAP	RNAV (GPS) RWY 23			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 23		1	KSMD	FORT WAYNE	IN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

ADDED FIX RESTRICTIONS MRA V8 4000.
UPDATED UPN OBSTRUCTION ELEVATION.

DEVELOPED BY: **DATE:** 06/14/2016 **OFFICE:** AJV-5423 **NAME:** PABLO ORTIZ

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

SIGNATURE: *Digitally signed by*

JACOB POWERS

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

Sep 07, 2016

