

# RADIO FIX AND HOLDING DATA RECORD

NAME: EMPTY

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395747.87N/0831113.00W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION:

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	ROSEWOOD	ROD	VORTAC	H	121.00	116.00	43.95			18000	45000
2	BELLAIRE	AIR	VOR/DME	H	276.07	269.07	109.32			18000	45000

## REMARKS:

TRANSITION FIX FROM J80 OR J149 TO DQN VORTAC ON CLANG ARRIVAL.  
RESTRICTED-DME EQUIPPED AIRCRAFT ONLY.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	CLANG	1, 2		KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG	1, 2		KIND	INDIANAPOLIS	IN (US)
STAR	CLANG	1, 2		KMQJ	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

1. ADDED KEYE, KMQJ, AND KIND CLANG STAR TO FIX USE.

DEVELOPED BY:      DATE: 12/20/2016      OFFICE: AJV-5421      NAME: JAMES ROGERS

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

SIGNATURE:      Digitally signed by  
**DANIEL D OLSON**

DISTRIBUTION:      NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

Jan 21, 2017

QUALITY  
17  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PENDS STATE: IN COUNTRY: US ICAO REGION CODE: K5  
 LATITUDE/LONGITUDE: 400557.83N/0854254.47W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION:

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MUNCIE	MIE	VOR/DME	L	243.86	240.86	16.93	16.93		2900	17500
2	MARION	MZZ	VOR/DME	L	187.00	184.00		23.68		2900	17500

HOLDING: HOLDING TYPE OF ACTION:

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPACE	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	310	TOWER (18-000987)	400856.11N/0855606.86W	1817	5D

**REMARKS:**

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.  
 MUNCIE (FAC1) AND MARION (FAC2) USED TO ESTABLISH FIX COODINATES.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V14-192-210	1, 2				(US)
IAP	RNAV (GPS) RWY 16			KMQJ	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) RWY 25			KMQJ	INDIANAPOLIS	IN (US)
STAR	CLANG	1, 2		KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG	1, 2		KIND	INDIANAPOLIS	IN (US)
STAR	CLANG	1, 2		KMQJ	INDIANAPOLIS	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 04/27/2017

**REASON FOR REVISION:**

1. ADDED KEYE AND KMQJ CLANG STAR TO FIX USE.

DEVELOPED BY: DATE: 12/20/2016 OFFICE: AJV-5421 NAME: JAMES ROGERS

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

SIGNATURE: *Digitally signed by*  
**DANIEL D OLSON**

DISTRIBUTION: NFDC  
 FPO: CEN  
 ARTCC: ZID  
 ATC FACILITY: IND ATCT  
 OTHER:  
 Jan 21, 2017



# RADIO FIX AND HOLDING DATA RECORD

NAME: WGNER

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 404403.77N/0851523.47W

TYPE: 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	FORT WAYNE	FWA	VORTAC	H	198.02	192.02	15.00			3000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-221					(US)
STAR	CLANG	1		KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG	1		KIND	INDIANAPOLIS	IN (US)
STAR	CLANG	1		KMQJ	INDIANAPOLIS	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

1. CHANGED FAC 1 MAG BRG FROM 192.02 TO 198.02.
2. ADDED KMQJ AND KEYE CLANG STAR TO FIX USE AND FORMATTED FIX USE.

DEVELOPED BY:

DATE: 12/20/2016

OFFICE: AJV-5421

NAME: JAMES ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

*Digitally signed by*

**DANIEL D OLSON**

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZID  
ATC FACILITY: FWA APP CON  
OTHER:

Jan 21, 2017

QUALITY  
17  
CHECKED