

RADIO FIX AND HOLDING DATA RECORD

NAME: BRADFORD VOR/DME

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410935.03N/0893516.34W

TYPE:

AIRSPACE DOCKET: 18-AGL-13

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	MAA
1	BRADFORD	BDF	VOR/DME	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	SW	BDF	VOR/DME	246.86	066.86	R	1		2600	45000	4	29
2	NW	BDF	VOR/DME	313.00	133.00	R	1		2500	6000	4	5
3	W	WP	WP	249.39	069.39	R		9	5000	45000	13	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (17-020039)	410355.47N/0893659.50W	1290	4D
2	200	WINDMILL (17-003456)	411332.13N/0893408.70W	1326	5D
3	200	WINDMILL (17-003446)	411426.87N/0893401.85W	1359	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
WP HOLDING EVALUATED FOR 9 DME LEGS AT ATC REQUEST.
ASSIGNED FACILITY MAGVAR: E0/1995.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
DP	WHITEWATER			KCVG	COVINGTON	KY (US)
DP	ROTRY (RNAV)			KSTL	ST LOUIS	MO (US)
EN ROUTE	J105					(US)
EN ROUTE	J181					(US)
EN ROUTE	J26		1			(US)
EN ROUTE	J64					(US)
EN ROUTE	V10		1			(US)
EN ROUTE	V127					(US)
EN ROUTE	V156					(US)
EN ROUTE	V262					(US)
IAP	RNAV (GPS) RWY 21			KGBG	GALESBURG	IL (US)
IAP	VOR RWY 21			KGBG	GALESBURG	IL (US)
IAP	RNAV (GPS) RWY 27			KEZI	KEWANEE	IL (US)
IAP	VOR RWY 13		2	KC75	LACON	IL (US)
IAP	VOR/DME OR TACAN RWY 31			KPIA	PEORIA	IL (US)
IAP	RNAV (GPS) RWY 18			KVYS	PERU	IL (US)
IAP	RNAV (GPS) RWY 36			KVYS	PERU	IL (US)
IAP	LOC BC RWY 7			KSQI	STERLING-ROCKFALLS	IL (US)
STAR	MOTIF		1	KMDW	CHICAGO	IL (US)
STAR	BENKY (RNAV)		3	KORD	CHICAGO	IL (US)
STAR	BRADFORD		1	KORD	CHICAGO	IL (US)
STAR	SHAIN (RNAV)		3	KORD	CHICAGO	IL (US)
STAR	MOTIF		1	KGYG	GARY	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

FIX USE: REMOVED V144.
FIX USE: REMOVED KSQI NDB RWY 7.
FIX USE: ADDED J105.
CONTROLLING OBSTRUCTIONS: CHANGED ACCURACY CODE FOR (17-020039) FROM 5E TO 4D.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE



APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE: *Digitally signed by***DAVID TEFFETELLER**

DISTRIBUTION:

NFDC

FPO: CEN

Jun 15, 2020

ARTCC: ZAU

ATC FACILITY: PIA APP/CON

OTHER:

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CLEFT STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 410451.95N/0860229.28W TYPE: WP, INT, DME

AIRSPACE DOCKET: 18-AGL-13 FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	GOSHEN	GSH	VORTAC	H	181.32	181.32	26.64	26.64		2600	17500
2	FORT WAYNE	FWA	VORTAC	H	285.25	279.25	39.23	39.23		2800	17500
3	KNOX	OXI	VOR/DME	H	117.49	117.49		31.09		2600	17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

REMARKS:

GOSHEN (FAC 1) AND FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V285	1, 2, 3				(US)
EN ROUTE	V38	1, 2				(US)
IAP	RNAV (GPS) RWY 9			KIWH	WABASH	IN (US)
IAP	RNAV (GPS) RWY 9			KASW	WARSAW	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 18-AGL-13.
 FIX MAKE-UP FACILITIES; DELETED FAC 3 (OKK) - WRONG SIDE OF V285 COP.
 REMARKS; ADDED GOSHEN (FAC 1) AND FORT WAYNE (FAC 2) USED TO DETERMINE FIX COORDINATES.
 FIX USE; DELETED V144. DELETED KGGP RNAV (GPS) RWY 27.
 REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW.
 REMOVED UNPLANNED HOLDING.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: FRANK MOORE
 APPROVED BY: DATE: OFFICE: AJV-A430 NAME: LONNIE EVERHART

SIGNATURE: Digitally signed by

DAVID TEFFETELLER

DISTRIBUTION: NFDC
 FPO: CEN Jun 15, 2020
 ARTCC: ZAU
 ATC FACILITY: FWA APP CON
 OTHER: ZMP, ZID

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DENAM

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410934.64N/0864421.35W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 18-AGL-13

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	PEOTONE	EON	VORTAC	L	095.54	097.54	48.08	48.08		4000	17500
2	KNOX	OXI	VOR/DME	H	202.72	202.72	10.56	10.56		2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EON	VORTAC	R-096	49	4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PEOTONE (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V371	1, 2				(US)
EN ROUTE	V38	1, 2				(US)
IAP	RNAV (GPS) RWY 18			KMCX	MONTICELLO	IN (US)
IAP	RNAV (GPS) RWY 19			KI76	PERU	IN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 18-AGL-13.
FIX MAKE-UP FACILITIES; ADDED DME TO FAC 2 (OXI).
FIX USE; DELETED V144. DELETED KGGP RNAV (GPS) RWY 9.
REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

DISTRIBUTION:

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

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OYIDU

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410117.15N/0853208.83W

TYPE: DME

AIRSPACE DOCKET: 18-AGL-13

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	FORT WAYNE	FWA	VORTAC	H	285.25	279.25	16.00	16.00		2800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V38	1				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 18-AGL-13.
FIX USE; DELETED V144. ADDED FAC 1 FOR V38.
REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: FWA APP CON/ATCT
OTHER:
Jun 15, 2020

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RODNY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410453.56N/0870858.83W

TYPE: INT, DME

AIRSPACE DOCKET: 18-AGL-13

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KNOX	OXI	VOR/DME	H	237.69	237.69	26.86	26.86		3000	17500
2	BOILER	BVT	VORTAC	H	352.40	353.40		31.71		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

KNOX (FAC 1) AND BOILER (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V233	1, 2				

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 18-AGL-13.
 FIX MAKE-UP FACILITIES; CHANGED FAC 2 (OXI) MRA FROM 1700 TO 3000. CHANGED FAC 3 (BVT) MAG/TRUE BRG FROM 352.39/353.39 TO 352.40/353.40 AND MRA FROM 1700 TO 3000. ADDED DIST FROM FAC FOR FAC 2 AND FAC 3. CHANGED FAC 2 (OXI) DME FROM 26.87 TO 26.86. DELETED FAC 1 (IKK).
 ESV; DELETED IKK VOR/DME ESV.
 REMARKS; REMOVED DIVERGENCE ANGLE COMMENT. ADDED KNOX (FAC 1) AND BOILER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 FIX USE; DELETED V144.
 REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW.
 DISTRIBUTION; CHANGED ATL FPO TO CEN FPO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

DISTRIBUTION:

NFDC
 FPO: CEN
 ARTCC: ZAU
 ATC FACILITY:
 OTHER:

Jun 16, 2020

QUALITY
4
CHECKED

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: 18-AGL-13 **FIX TYPE OF ACTION:** NO CHANGE

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	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	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, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 18-AGL-13.
 FIX USE; DELETED V144.
 REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

DISTRIBUTION:

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

Jun 15, 2020

QUALITY
 4
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZORRO

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410447.88N/0872035.15W

TYPE: DME

AIRSPACE DOCKET: 18-AGL-13

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHICAGO HEIGHTS	CGT	VORTAC	L	156.09	158.09	27.78	27.78		2800	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V51	1				(US)
EN ROUTE	V7	1				(US)
EN ROUTE	V97	1				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

FIX TYPE; DELETED INT.
AIRSPACE DOCKET; ADDED 18-AGL-13.
FIX MAKE-UP FACILITIES; DELETED FAC 2 (IKK).
REMARKS; REMOVED FACS USED TO ESTABLISH FIX COORDINATES.
FIX USE; DELETED V144.
REMOVED UNPLANNED HOLDING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: FRANK MOORE

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

DAVID TEFFETELLER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER:

Jun 15, 2020

QUALITY
4
CHECKED