

RADIO FIX AND HOLDING DATA RECORD

NAME: ATWOO

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402908.62N/0811249.27W

TYPE: WP, DME

AIRSPACE DOCKET: 18-AGL-15

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	BRIGGS	BSV	VOR/DME	L	150.79	146.79	18.26	18.26		3000	17500
2	AKRON	ACO	VOR/DME	L	184.85	180.85		37.31		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BRIGGS (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V103	2				(US)
EN ROUTE	V75	1				(US)
STAR	ZZIPS (RNAV)			KAKR	AKRON	OH (US)
STAR	ZZIPS (RNAV)			KCAK	AKRON	OH (US)
STAR	ZZIPS (RNAV)			K1G3	KENT	OH (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM 18-AEA-17 TO 18-AGL-15.
2. TYPE: REMOVED INT.
3. FIX MAKE-UP: REMOVED CTW.
4. REMARKS: CHANGED BRIGGS (FAC 1) AND AKRON (FAC 2) USED TO ESTABLISH FIX COORDINATES - TO - BRIGGS (FAC 1) USED TO ESTABLISH FIX COORDINATES.
5. FIX USE: DELETED V115.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZOB

ATC FACILITY: CAK APP CON

OTHER:

Mar 26, 2020

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CAPEL **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 410731.91N/0803229.02W **TYPE:** INT, DME
AIRSPACE DOCKET: 16-AGL-2 **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	AKRON	ACO	VOR/DME	L	091.76	087.76	29.95		2800	17500
2	YOUNGSTOWN	YNG	VORTAC	L	158.87	153.87		13.72	5000	17500
3	FRANKLIN	FKL	VOR	L	245.01	239.01	36.21	36.21	3500	17500
4	NEWCOMERSTOWN	CTW	VOR/DME	L	045.15	038.15		68.63	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTW	VOR/DME	R-045	69	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

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	NE	FKL	VOR	245.01	245.01	R	1	3500 14000	8 12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (36-0098)	410449.00N/0803824.00W	2118	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

AKRON (FAC 1) AND YOUNGSTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES
 HOLDING PER ATC REQUEST.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 CTW ESV, DME NOT USABLE BELOW 4000.
 ESV FOR COURSE SIGNAL ONLY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V115	2, 3, 4				

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 05/24/2018

REASON FOR REVISION:

1. REMOVED KUCP RNAV (GPS) AND NDB RWY 23 FROM FIX USE.
2. DELETED CLARION CIP VOR/DME FROM MAKE-UP FACILITIES.
3. ADDED NEWCOMERSTOWN CTW VOR/DME TO MAKE-UP FACILITIES.
4. ADDED DIST FROM FAC AND DME DIST OF 36.21 FOR FKL VOR.
5. ADDED DIST FROM FAC OF 13.72 FOR YNG VORTAC.
6. ADDED ESV FOR NEWCOMERSTOWN CTW VOR/DME.
7. DELETED PAT 1 FROM ACO VOR/DME.
8. DELETED CIP EVS ON FILE FROM REMARKS.
9. DELETED V30, V210, V297 FROM FIX USE.
10. DELETED ALL IAPS AT KYUG YOUNGSTOWN REGIONAL IN FIX USE.
11. ADDED CTW ESV, DME NOT USABLE BELOW 4000 TO REMARKS.
12. ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.
13. ESV FOR COURSE SIGNAL ONLY TO REMARKS.
14. UPDATED MAX HOLD TEMPLATE FROM 18 TO 12.
15. UPDATED YNG MRA FROM 2800 TO 5000 AND FKL FROM 2800 TO 3500.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE:	OFFICE:	NAME:
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: GEORGE DAVIS

SIGNATURE: *Digitally signed by*

DONALD H LANIER

DISTRIBUTION: NFDC
 FPO: ATL
 ARTCC: ZOB

Mar 26, 2020



ATC FACILITY: YNG APP CON
OTHER: YNG ATCT



RADIO FIX AND HOLDING DATA RECORD

NAME: FRANKLIN VOR STATE: PA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 412618.59N/0795124.14W TYPE:

AIRSPACE DOCKET: 18-AGL-15 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	FRANKLIN	FKL	VOR	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	N	FKL	VOR	006.00	186.00	R	1		3300	10000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (42-001632)	412616.00N/0795528.00W	1982	5E
1	310	TOWER (42-002945)	414001.00N/0795023.00W	1995	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 21	KFKL	FRANKLIN	PA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: 6W 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
IAP	ILS OR LOC RWY 08			KBTP	BUTLER	PA (US)
IAP	ILS OR LOC RWY 21		1	KFKL	FRANKLIN	PA (US)
IAP	RNAV (GPS) RWY 21			KFKL	FRANKLIN	PA (US)
IAP	VOR RWY 21		1	KFKL	FRANKLIN	PA (US)
IAP	LOC RWY 25		1	KGKJ	MEADVILLE	PA (US)
IAP	RNAV (GPS) RWY 25			KGKJ	MEADVILLE	PA (US)
IAP	RNAV (GPS) RWY 7			KGKJ	MEADVILLE	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

- ADDED AIRSPACE DOCKET NUMBER 18-AGL-15.
- FIX USE: V115 REMOVED.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: TARA MARTINELLI
 APPROVED BY: DATE: OFFICE: AJV-A430 NAME: GEORGE DAVIS
 SIGNATURE: *Digitally signed by*
DONALD H LANIER
 Mar 26, 2020
 DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZOB
 ATC FACILITY: YNG APP CON, PIT APP CON, AGC
 OTHER:

QUALITY
3
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MERCY

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 411557.79N/0801410.13W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 18-AGL-15

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	ELLWOOD CITY	EWC	VOR/DME	H	005.59	357.59	26.48	26.48		3000	17500
2	FRANKLIN	FKL	VOR	L	245.03	239.03		20.02		3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ELLWOOD CITY (FAC 1) AND FRANKLIN (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V37	1		KUCP	NEW CASTLE	(US)
IAP	RNAV (GPS) RWY 23					PA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

1. CHANGED AIRSPACE DOCKET NUMBER FORM 16-AGL-2 TO 18-AGL-15.
2. FIX USE: REMOVED V115.
3. FIX USE: REMOVED FAC 2 FROM V37.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

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FPO: EST

ARTCC: ZOB

ATC FACILITY: YNG APP CON

OTHER:

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QUALITY
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RADIO FIX AND HOLDING DATA RECORD

NAME: ZUTIV

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 405523.24N/0804519.46W

TYPE: WP, DME

AIRSPACE DOCKET: 18-AGL-15

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	AKRON	ACO	VOR/DME	L	122.53	118.53	23.09	23.09		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10			KBVI	BEAVER FALLS	PA (US)
IAP	RNAV (GPS) RWY 5			KUCP	NEW CASTLE	PA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

1. TYPE: REMOVED INT.
2. CHANGED AIRSPACE DOCKET NUMBER FROM 14-AGL-6 TO 18-AGL-15.
3. FIX MAKE-UP: REMOVED FAC 2, CTW - CTW CHANGED TO DME ONLY FAC.
4. REMOVED CTW ESV.
5. FIX USE: REMOVED V115.
6. CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by
DONALD H LANIER

Mar 26, 2020

DISTRIBUTION:

NFDC
FPO: EST
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