

RADIO FIX AND HOLDING DATA RECORD

NAME: DROVE **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 412114.05N/0815050.32W **TYPE:** WP
AIRSPACE DOCKET: 16-AGL-2 **FIX TYPE OF ACTION:** MODIFY
HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 05/24/2018

REASON FOR REVISION:

REMOVED FIX TYPE DME AND ADDED WP
REMOVED FAC 1 (ACO) & FAC 2 (DJB) FROM FIX MAKE-UP FACILITIES
REMOVED REMARKS: DEPICT ON CONTROLLER CHART & UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3500. RESTRICTED TO DME
EQUIPPED AIRCRAFT.
REMOVED V6 FROM FIX USE

DEVELOPED BY: **DATE:** 03/12/2018 **OFFICE:** AJV-5423 **NAME:** MICHAEL GARRITY

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

SIGNATURE: *Digitally signed by*
DEZ SILAGYI

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

Mar 15, 2018

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HIRES

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412019.31N/0810022.97W

TYPE: WP

AIRSPACE DOCKET: 16-AGL-2

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

REMOVED FIX TYPE INT, DME AND ADDED WP.

REMOVED FAC 1 (YNG) & FAC 2 (ACO) FROM FIX MAKE-UP FACILITIES

REMOVED FIX RESTRICTIONS: MCA V6 3500 WESTBOUND

REMOVED REMARK: YOUNGSTOWN (FAC 1) AND AKRON (FAC 2) USED TO ESTABLISH FIX COORDINATES

REMOVED V6 FROM FIX USE

DEVELOPED BY:

DATE: 03/12/2018

OFFICE: AJV-5423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

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Mar 15, 2018

DISTRIBUTION:

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FPO: CEN

ARTCC: ZOB

ATC FACILITY:

OTHER:

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32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IXORE

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412100.25N/0813550.22W

TYPE: WP

AIRSPACE DOCKET: 16-AGL-2

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19

FAC

PAT

AIRPORT IDENT
K1G3

CITY
KENT

STATE
OH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. ADDED 16-AGL-2 TO AIRSPACE DOCKET.
2. ADDED WP TO TYPE.
3. REMOVED INT AND DME FROM TYPE.
4. REMOVED FAC1 AND FAC2 FROM FIX MAKE-UP FACILITIES SECTION.
5. REMOVED DRYER (FAC 1) USED TO ESTABLISH FIX COORDINATES FROM REMARKS SECTION.
6. REMOVED V6 ENROUTE FROM FIX USE SECTION.

DEVELOPED BY:

DATE: 12/13/2017

OFFICE: AJV-5423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

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DEZ SILAGYI

Mar 15, 2018

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE/CLE
OTHER: CAK APP CON

QUALITY
32
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: 16-AGL-2

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	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: CANCEL

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	V115	1, 2				(US)
EN ROUTE	V37	1, 2				(US)
IAP	RNAV (GPS) RWY 23			KUCP	NEW CASTLE	PA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. REMOVED YNG FROM FIX MAKE-UP FACILITIES SECTION.
2. CHANGED EWC TYPE FROM VORTAC TO READ VOR/DME IN FIX MAKE-UP FACILITIES SECTION.
3. REMOVED CLARION (CIP) AND ADDED FRANKLIN (FKL) IN FIX MAKE-UP FACILITIES SECTION.
4. REMOVED PAT1 FROM PATTERNS SECTION.
5. REMOVED PAT1 CONTROLLING OBSTACLE FROM CONTROLLING OBSTACLES SECTION.
6. REMOVED PAT 1 ATC REQUEST TO CONTAIN HP IN ONE CONTROL SECTOR FROM REASON FOR NONSTANDARD HOLDING SECTION.
7. REMOVED HOLDING LIMITED TO ESTABLISHED PATTERNS FROM HOLDING RESTRICTIONS SECTION.
8. REMOVED PRECIPITOUS TERRAIN EVALUATION COMPLETED FROM REMARKS SECTION.
9. ADDED ELLWOOD CITY (FAC 1) AND FRANKLIN (FAC 2) USED TO ESTABLISH FIX COORDINATES TO REMARKS SECTION.
10. REMOVED V6 ENROUTE FROM FIX USE SECTION.
11. REMOVED NDB OR GPS-B IAP @ K04G FROM FIX USE SECTION.
12. CHANGED FPO FROM NYC TO READ EST IN DISTRIBUTION SECTION.

DEVELOPED BY:

DATE: 12/13/2017

OFFICE: AJV-5423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

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DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZOB

ATC FACILITY: YNG APP CON

OTHER:

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QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MOROW

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412040.84N/0811749.16W

TYPE: WP

AIRSPACE DOCKET: 16-AGL-2

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

REMOVED FIX TYPE INT, DME AND ADDED WP.

REMOVED FAC 1 (YNG), FAC 2 (ACO) & FAC 3 (DJB) FROM FIX MAKE-UP FACILITIES

REMOVED FIX RESTRICTIONS: MCA V6 5000 EASTBOUND

REMOVED REMARK: YOUNGSTOWN (FAC 1) AND AKRON (FAC 2) USED TO ESTABLISH FIX COORDINATES

REMOVED V6 FROM FIX USE

DEVELOPED BY:

DATE: 03/12/2018

OFFICE: AJV-5423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

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FPO: CEN

ARTCC: ZOB

ATC FACILITY: CLE APP CON

OTHER:

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SHANT

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 411719.20N/0802315.34W

TYPE: WP

AIRSPACE DOCKET: 16-AGL-2

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

REMOVED FIX TYPE INT, DME AND ADDED WP.

REMOVED FAC 1 (YNG), FAC 2 (CIP) & FAC 3 (JFN) FROM FIX MAKE-UP FACILITIES

REMOVED HOLDING PAT 1 AND ALL ASSOCIATED DATA

REMOVED REMARK: FIX NAME CHANGED FROM SHARPSVILLE VHF/DME INT TO SHANT

REMOVED IAP FROM REQUIRED CHARTING

DEVELOPED BY:

DATE: 03/12/2018

OFFICE: AJV-5422

NAME: MICHAEL GARRITY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

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DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZOB

ATC FACILITY:

OTHER:

Mar 15, 2018



RADIO FIX AND HOLDING DATA RECORD

NAME: WEXER **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 412046.24N/0812234.03W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: 16-AGL-2 **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	DRYER	DJB	VOR/DME	H	095.89	090.89	35.52	35.52	3000	17500
2	BRIGGS	BSV	VOR/DME	L	007.99	003.99	36.40	36.40	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N		WP	015.61	195.61	R		3000	6000	5	6
2	E	DJB	VOR/DME	095.89	275.89	R	1	3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-001674)	412749.00N/0811737.00W	1745	3C
2	200	TOWER (39-002395)	411726.19N/0811340.36W	1590	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

DRYER (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 24 (ALT MISS)	1, 2	2	KCGF	CLEVELAND	OH (US)
IAP	RNAV (GPS) RWY 1		1	K1G3	KENT	OH (US)
IAP	RNAV (GPS) RWY 19		1	K1G3	KENT	OH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/24/2018

REASON FOR REVISION:

- ADDED 16-AGL-2 TO AIRSPACE DOCKET.
- CHANGED PAT1 OBSTRUCTION FROM TOWER (39-003731) TO READ TOWER (39-001674) AND COORDINATES FROM 412750.05N/0811738.30W TO READ 412749.00N/0811737.00W IN CONTROLLING OBSTRUCTIONS SECTION.
- CHANGED PAT2 OBSTRUCTION FROM TOWER (39-000229) TO READ TOWER (39-002395), COORDINATES FROM 411717.00N/0811208.00W TO READ 411726.19N/0811340.36W, AND ELEVATION FROM 1637 TO READ 1590 IN CONTROLLING OBSTRUCTIONS SECTION.
- REMOVED V6 ENROUTE FROM FIX USE SECTION.

DEVELOPED BY: **DATE:** 12/13/2017 **OFFICE:** AJV-5423 **NAME:** MICHAEL GARRITY

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

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DEZ SILAGYI

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CAK, CLE
OTHER:

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