

RADIO FIX AND HOLDING DATA RECORD

NAME: HABNI

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 400827.90N/0825133.53W

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 28

FAC

PAT

AIRPORT IDENT
KDLZ

CITY
DELAWARE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

1. MOVED FIX APPROX 12894 FT SE FOR CORRECT SEGMENT LENGTH.
2. REMOVED "FIX-MAKEUP FACILITIES" INFO - NO LONGER REQUIRED.
3. UPDATED FIX USE TO NEW FORMAT.

DEVELOPED BY:

DATE: 07/26/2016

OFFICE: AJV-5421

NAME: DANIEL OLSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID, ZOB
ATC FACILITY: CMH APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ITENY

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402119.84N/0824902.43W

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 28

FAC

PAT

AIRPORT IDENT
KDLZ

CITY
DELAWARE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

1. MOVED FIX APPROX 12200 FT NE FOR CORRECT SEGMENT LENGTH.
2. REMOVED "FIX-MAKEUP FACILITIES" INFO - NO LONGER REQUIRED.
3. UPDATED FIX USE TO NEW FORMAT.

DEVELOPED BY:

DATE: 07/26/2016

OFFICE: AJV-5421

NAME: DANIEL OLSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID, ZOB
ATC FACILITY: CMH APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MEEKS

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 403633.52N/0831453.02W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

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	FLAG CITY	FBC	VORTAC	L	133.70	131.70	31.09	31.09		3000	17500
2	MANSFIELD	MFD	VORTAC	L	245.79	242.79		33.76		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FLAG CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V38	1, 2				(US)
IAP	RNAV (GPS) RWY 04			K17G	BUCYRUS	OH (US)
IAP	RNAV (GPS) RWY 22			K17G	BUCYRUS	OH (US)
IAP	VOR RWY 22	1, 2		K17G	BUCYRUS	OH (US)
IAP	RNAV (GPS) RWY 28			KDLZ	DELAWARE	OH (US)
IAP	RNAV (GPS) RWY 5			KGQQ	GALION	OH (US)
IAP	VOR-A	1, 2		KMNN	MARION	OH (US)
IAP	VOR-A	1, 2		K4I9	MOUNT GILEAD	OH (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

ADDED REMARK THAT FAC 1 USED TO DERIVE COORDINATES.

DEVELOPED BY:

DATE: 09/19/2016

OFFICE: AJV-5421

NAME: DANIEL OLSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: MFD APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MOSQI

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401832.51N/0832243.03W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	284.18	104.18	L	4	2600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	402057.10N/0833602.94W	1460	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

REMARKS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10			KDLZ	DELAWARE	OH (US)
IAP	RNAV (GPS) RWY 28		1	KDLZ	DELAWARE	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

1. MOVED FIX 4481 FT WEST - FOR CORRECT SEGMENT LENGTH.
2. REMOVED "FIX MAKE-UP FACILITIES" FAC 1 INFO - NOT REQUIRED.
3. CHANGED PAT 1 CONTROLLING OBSTACLE FROM 1457 TOWER TO 1460 AAO.
4. REMOVED REMARK REFERENCE OE NUMBER - NO LONGER REQUIRED.
5. ADDED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.
6. UPDATED FIX USE TO NEW FORMAT.

DEVELOPED BY:

DATE: 07/24/2016

OFFICE: AJV-5421

NAME: DANIEL OLSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID, ZOB
ATC FACILITY: CMH APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PICUM

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401453.88N/0825018.10W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E		WP	104.51	284.51	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000783)	401344.22N/0823935.43W	1599	5D

REMARKS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	KDLZ	DELAWARE	OH (US)
IAP	RNAV (GPS) RWY 28			KDLZ	DELAWARE	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

1. MOVED FIX 8109 FT E - FOR CORRECT SEGMENT LENGTH, FIX NAME RETAINED FOR OPERATIONAL REQUIREMENTS.
2. REMOVED "FIX MAKE-UP FACILITIES" FAC 1 INFO - NOT REQUIRED.
3. CHANGED PAT 1 CONTROLLING OBSTACLE ID ONLY FROM 36-0783 TO 39-000783
4. ADDED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.
5. UPDATED FIX USE TO NEW FORMAT.

DEVELOPED BY:

DATE: 07/26/2016

OFFICE: AJV-5421

NAME: DANIEL OLSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID, ZOB
ATC FACILITY: CMH APP CON
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: PIZZA

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 400558.01N/0831942.91W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

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	APPLETON	APE	VORTAC	H	271.05	265.05	34.21	34.21		3000	17500
2	FLAG CITY	FBC	VORTAC	L	161.00	159.00		54.92		5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FBC	VORTAC	R-161	55	5000	17500

FIX RESTRICTIONS:

MRA V12 5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPACE	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (39-000442)	400030.00N/0833515.00W	1805	1D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5000.

REMARKS:

APPLETON (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V12	1, 2				OH (US)
IAP	RNAV (GPS) Y RWY 10L			KCMH	COLUMBUS	OH (US)
IAP	RNAV (GPS) Y RWY 10R			KCMH	COLUMBUS	OH (US)
IAP	RNAV (RNP) Z RWY 10L			KCMH	COLUMBUS	OH (US)
IAP	RNAV (RNP) Z RWY 10R			KCMH	COLUMBUS	OH (US)
IAP	RNAV (GPS) RWY 10			KDLZ	DELAWARE	OH (US)
IAP	RNAV (GPS) RWY 28			KDLZ	DELAWARE	OH (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

ADDED REMARK THAT FAC 1 WAS USED TO DERIVE COORDINATES.

DEVELOPED BY: DATE: 09/19/2016 OFFICE: AJV-5421 NAME: DANIEL OLSON

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

SIGNATURE:

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WEBUT

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401557.84N/0825938.10W

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 28

FAC

PAT

AIRPORT IDENT
KDLZ

CITY
DELAWARE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

1. MOVED FIX APPROX 1252 FT E DUE TO THLD MOVING AND PFAF CRITERIA.
2. REMOVED "FIX-MAKEUP FACILITIES" INFO - NO LONGER REQUIRED.
3. UPDATED FIX USE TO NEW FORMAT.

DEVELOPED BY:

DATE: 07/21/2016

OFFICE: AJV-5421

NAME: DANIEL OLSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID, ZOB
ATC FACILITY: CMH APP CON
OTHER:

