

RADIO FIX AND HOLDING DATA RECORD

NAME: CUTTA **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 405234.51N/0803835.65W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 14-AGL-6 **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	AKRON	ACO	VOR/DME	L	122.52	118.52	28.92	28.92	3000	24000
2	YOUNGSTOWN	YNG	VORTAC	L	182.00	177.00	27.31	27.31	5000	17500
3	BRIGGS	BSV	VOR/DME	L	081.00	077.00	36.85	36.85	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ACO	VOR/DME	R-123	29	19100	24000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	TEMPLATES MIN	MAX
1	NW		WP	300.58	120.58	R		4	3000	10000	5	10
2	NW		WP	306.52	126.52	R		10	3100	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000191)	405308.00N/0804954.00W	1657	4D
2	200	TOWER (39-000191)	405308.00N/0804954.00W	1657	4D

HOLDING RESTRICTIONS:

PAT 2 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

AKRON (FAC 1) AND YOUNGSTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V40	2, 3				(US)
EN ROUTE	V41	2, 3				(US)
IAP	RNAV (GPS) RWY 25		1	K02G	EAST LIVERPOOL	OH (US)
IAP	RNAV (GPS) RWY 14			K2G2	STEUBENVILLE	OH (US)
IAP	RNAV (GPS) RWY 8			KBTP	BUTLER	PA (US)
IAP	NDB RWY 23			KUCP	NEW CASTLE	PA (US)
IAP	RNAV (GPS) RWY 10L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 14			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10R			KPIT	PITTSBURGH	PA (US)
STAR	JESEY RNAV		2	KBTP	BUTLER	PA (US)
STAR	JESEY RNAV		2	KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

1. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/15/2016 **OFFICE:** AJV-5423 **NAME:** RODNEY RUMSEY

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

SIGNATURE:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: EDETY

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402533.77N/0804723.26W

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 14

FAC

PAT

AIRPORT IDENT
K2G2

CITY
STEUBENVILLE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

MOVED FIX 981 NW FOR PFAF COURSE CORRECTION, NAME RETAINED BY ATC REQUEST.

DEVELOPED BY:

DATE: 06/20/2016

OFFICE: AJV-5423

NAME: RODNEY RUMSEY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IGEKE

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402944.51N/0805301.92W

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 14

FAC

PAT

AIRPORT IDENT
K2G2

CITY
STEUBENVILLE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

MOVED FIX 1.14NM NW FOR COURSE CORRECTION, NAME RETAINED BY ATC REQUEST.

DEVELOPED BY:

DATE: 06/20/2016

OFFICE: AJV-5423

NAME: RODNEY RUMSEY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JEDOT

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401822.47N/0803742.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 14

FAC

PAT

AIRPORT IDENT
K2G2

CITY
STEUBENVILLE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/03/2010

DEVELOPED BY: DATE: 12/02/2009

OFFICE: AVN-120

NAME: ROY BARNETT

APPROVED BY: DATE: 11/15/2016

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OKWIV

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402359.20N/0810018.97W

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 14

FAC

PAT

AIRPORT IDENT

K2G2

CITY

STEUBENVILLE

STATE

OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

MOVED FIX 3.22NM NW FOR COURSE CORRECTION, NAME RETAINED BY ATC REQUEST.

DEVELOPED BY:

DATE: 06/20/2016

OFFICE: AJV-5423

NAME: RODNEY RUMSEY

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZOB

ATC FACILITY: PIT APP CON

OTHER:

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UTTEW

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 403529.35N/0804543.63W

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 14

FAC

PAT

AIRPORT IDENT
K2G2

CITY
STEUBENVILLE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

MOVED FIX 3.2NM NW FOR COURSE CORRECTION, NAME RETAINED BY ATC REQUEST.

DEVELOPED BY:

DATE: 06/20/2016

OFFICE: AJV-5423

NAME: RODNEY RUMSEY

APPROVED BY:

DATE:

OFFICE: AJV-5423

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOMGU

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402352.62N/0804506.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 14

FAC PAT

AIRPORT IDENT CITY
K2G2 STEUBENVILLE

STATE
OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/10/2016

DEVELOPED BY: **DATE:** 06/20/2016

OFFICE: AJV-5423

NAME: RODNEY RUMSEY

APPROVED BY: **DATE:**

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WISKE STATE: WV COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 400744.89N/0804033.94W 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	MRA FEET	MAA
1	BELLAIRE	AIR	VOR/DME	H	051.00	044.00	9.35	9.35	3300	17500
2	NEWCOMERSTOWN	CTW	VOR/DME	L	106.00	099.00		37.29	3300	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	SW	AIR	VOR/DME	051.00	051.00	L	1-1 1/2		3300 17500	6 18
2	SW		WP	231.00	051.00	L		4	3100 14000	5 11
3	SW		WP	233.82	053.82	L		10	3100 17500	7 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000899)	400340.00N/0804508.00W	2025	2C
2	200	TOWER (39-000899)	400340.00N/0804508.00W	2025	2C
3	200	TOWER (39-000899)	400340.00N/0804508.00W	2025	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST.
 PAT 1 ZOB REQUESTED LEFT TURNS DUE TO OBSTACLE DEPT ROUTES FROM KPIT
 PAT 3 ATC REQUEST.

HOLDING RESTRICTIONS:

PAT 3 CHART 210K ICON
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

BELLAIRE (FAC 1) AND NEWCOMERSTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V117	1, 2	1			(US)
EN ROUTE	V443	1, 2				(US)
IAP	RNAV (GPS) RWY 14		2	K2G2	STEUBENVILLE	OH (US)
IAP	RNAV (GPS) RWY 32		2	K2G2	STEUBENVILLE	OH (US)
IAP	RNAV (GPS) RWY 25			K4G5	WOODSFIELD	OH (US)
IAP	RNAV (GPS) RWY 10			KAGC	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 10L			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 14			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) Y RWY 10R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10C			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (RNP) Z RWY 10R			KPIT	PITTSBURGH	PA (US)
IAP	RNAV (GPS) RWY 9			KAFJ	WASHINGTON	PA (US)
IAP	RNAV (GPS) RWY 24			KMPG	MOUNDSVILLE	WV (US)
IAP	RNAV (GPS) RWY 21			KHLG	WHEELING	WV (US)
IAP	VOR RWY 21	1, 2		KHLG	WHEELING	WV (US)
STAR	FEWGA RNAV		3	KPIT	PITTSBURGH	PA (US)
STAR	FEWGA RNAV		3	KAFJ	WASHINGTON	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

DELETED AGC VOR-A FROM FIX USE.

DEVELOPED BY: DATE: 01/09/2016 OFFICE: AJV-5410 NAME: ROSE BOONE (JOHN THORNTON)

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE:



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

INFORMATION ONLY

QUALITY
18
CHECKED