

RADIO FIX AND HOLDING DATA RECORD

NAME: NEWCOMERSTOWN VOR/DME **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 401345.15N/0812835.32W **TYPE:**

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 FEET	MAA
1	NEWCOMERSTOWN	CTW	VOR/DME	L						17500

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

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	NW	CTW	VOR/DME	332.00	152.00	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (39-000613)	400532.25N/0811718.40W	2314	5E
1	200	TOWER (39-004033)	401447.00N/0812610.00W	1633	4D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4000.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 7W (1990).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
EN ROUTE	V115					(US)
EN ROUTE	V12					(US)
EN ROUTE	V59					(US)
EN ROUTE	V92					(US)
IAP	VOR-A			K8G6	CADIZ	OH (US)
IAP	VOR-A			KI10	CALDWELL	OH (US)
IAP	RNAV (GPS) RWY 22			KCDI	CAMBRIDGE	OH (US)
IAP	RNAV (GPS) RWY 4			KCDI	CAMBRIDGE	OH (US)
IAP	VOR-A			KCDI	CAMBRIDGE	OH (US)
IAP	VOR-A			KI40	COSHOCTON	OH (US)
IAP	RNAV (GPS) RWY 25			K4G5	WOODSFIELD	OH (US)
IAP	ILS OR LOC RWY 22 (ALT MA)		1	KZZV	ZANESVILLE	OH (US)
IAP	RNAV (GPS) RWY 16			KHLG	WHEELING	WV (US)
IAP	RNAV (GPS) RWY 3			KHLG	WHEELING	WV (US)
STAR	CINCE			KCVG	COVINGTON	KY (US)
STAR	TIGRR RNAV			KCVG	COVINGTON	KY (US)
STAR	CINCE			KK62	FALMOUTH	KY (US)
STAR	CINCE			KI69	BATAVIA	OH (US)
STAR	CINCE			KLUK	CINCINNATI	OH (US)
STAR	KEATN			KBKL	CLEVELAND	OH (US)
STAR	KEATN			KCGF	CLEVELAND	OH (US)
STAR	KEATN			KCLE	CLEVELAND	OH (US)
STAR	KEATN			K1G1	ELYRIA	OH (US)
STAR	CINCE			KHAO	HAMILTON	OH (US)
STAR	KEATN			KLPR	LORAIN/ELYRIA	OH (US)
STAR	KEATN			K1G5	MEDINA	OH (US)
STAR	KEATN			K7G8	MIDDLEFIELD	OH (US)
STAR	KEATN			K2G1	PAINESVILLE	OH (US)
STAR	KEATN			KLNN	WILLOUGHBY	OH (US)
STAR	FEWGA RNAV			KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

1. DELETED V443 FROM FIX USE.
2. DELETED K2D7 VOR OR GPS-A FROM FIX USE.
3. DELETED KCDI LOC/DME RWY 22 FROM FIX USE.
4. DELETED KPHD RNAV (GPS) RWY 15 FROM FIX USE.
5. CHANGED PROCEDURE NAME AT KZZV FROM ILS OR LOC/DME RWY 22 TO ILS OR LOC RWY 22 IN FIX USE.
6. DELETED WP HOLDING WITH CRS INBOUND 093.00 AND ASSOCIATED CONTROLLING OBSTACLE DATA.

QUALITY
20
CHECKED

DEVELOPED BY:	DATE: 03/15/2018	OFFICE: AJV-5421	NAME: ROSE BOONE
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN
	SIGNATURE:		<i>Digitally signed by</i> ROBERT G HAMILTON Mar 20, 2018
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZOB, ZID ATC FACILITY: CAK ATCT OTHER:		



RADIO FIX AND HOLDING DATA RECORD

NAME: STROK

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 405455.21N/0820840.44W

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: 1

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

DELETED FAC 1 (MFD) AND FAC 2 (DJB)
DELETED HOLDING
REMOVED DME AND ADDED WP TO FIX TYPE

DEVELOPED BY: DATE: 03/16/2018

OFFICE: AJV-5421

NAME: ROSE BOONE

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Mar 20, 2018

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY:
OTHER:



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: 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 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:** MODIFY

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		3300 17500	6 18
2	SW		WP	231.00	051.00	L		4	3100 14000	5 11
3	SW		WP	234.82	054.82	L		10	3100 17500	7 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	2C
2	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	2C
3	200	TOWER (39-000899)	400340.00N/0804508.00W	2024	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)
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)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21 **DATE OF REVISION:** 05/24/2018

REASON FOR REVISION:

1. DELETED V443 FROM FIX USE.
2. UPDATED HOLDING OBSTACLE ELEVATION.
3. CHANGED PAT 1 LEG TIME FROM 1-1 1/2 TO 1.

DEVELOPED BY: **DATE:** 03/15/2018 **OFFICE:** AJV-5421 **NAME:** ROSE BOONE

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

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