

RADIO FIX AND HOLDING DATA RECORD

NAME: APPLETON VORTAC **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 400903.83N/0823517.88W **TYPE:**
AIRSPACE DOCKET: 23-ASO-34 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	APPLETON	APE	VORTAC	VH						45000

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	NE	APE	VORTAC	055.00	235.00	R	1	3000 6000	4 5
2	NW	APE	VORTAC	328.00	148.00	L	1	2900 6000	4 5
3	S	APE	VORTAC	202.00	022.00	R	1	3000 6000	4 5
4	SE	APE	VORTAC	114.05	294.05	R	1	3100 6000	4 5
5	S	APE	VORTAC	194.00	014.00	R	1	3000 6000	4 5
6	NE		WP	055.00	235.00	R		3000 6000	5 6
7	NW		WP	328.00	148.00	L		3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000448)	400920.44N/0823650.45W	1568	1D
2	200	TOWER (39-000783)	401344.22N/0823935.43W	1599	5D
3	200	TOWER (39-000448)	400920.44N/0823650.45W	1568	1D
4	200	TOWER (39-000448)	400920.44N/0823650.45W	1568	1D
5	200	TOWER (39-000448)	400920.44N/0823650.45W	1568	1D
6	200	TOWER (39-000448)	400920.44N/0823650.45W	1568	1D
7	200	TOWER (39-000783)	401344.22N/0823935.43W	1599	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
 PAT 7 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUTION COMPLETE.
 ASSIGNED FACILITY MAGVAR: W6 1990.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CINCINNATI			KCVG	COVINGTON	KY (US)
DP	CAVVS (RNAV)			KBKL	CLEVELAND	OH (US)
DP	CAVVS (RNAV)			KCGF	CLEVELAND	OH (US)
DP	CAVVS (RNAV)			KCLE	CLEVELAND	OH (US)
DP	DAYTON			KDAY	DAYTON	OH (US)
DP	CAVVS (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
DP	CAVVS (RNAV)			KLNN	WILLOUGHBY	OH (US)
EN ROUTE	J178					(US)
EN ROUTE	J30					(US)
EN ROUTE	J83					(US)
EN ROUTE	Q149					(US)
EN ROUTE	T323					(US)
EN ROUTE	V144					(US)
EN ROUTE	V19					(US)
EN ROUTE	V38					(US)
EN ROUTE	V5					(US)
IAP	ILS OR LOC RWY 10L		1	KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 10R			KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 10R (ALT MISS)		1	KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 28L			KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 28L (ALT MISS)		1	KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 28R		1	KCMH	COLUMBUS	OH (US)
IAP	ILS RWY 10R (SA CAT I & II) (ALT MISS)		1	KCMH	COLUMBUS	OH (US)
IAP	ILS RWY 28L (SA CAT I & II) (ALT MISS)		1	KCMH	COLUMBUS	OH (US)
IAP	RNAV (GPS) Y RWY 10L		6	KCMH	COLUMBUS	OH (US)
IAP	RNAV (GPS) Y RWY 28R		6	KCMH	COLUMBUS	OH (US)
IAP	RNAV (RNP) Z RWY 10L		6	KCMH	COLUMBUS	OH (US)
IAP	RNAV (RNP) Z RWY 28R		6	KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 5L			KLCK	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 5R			KLCK	COLUMBUS	OH (US)
IAP	ILS RWY 5R (CAT II)			KLCK	COLUMBUS	OH (US)
IAP	ILS RWY 5R (SA CAT I)			KLCK	COLUMBUS	OH (US)

QUALITY
 18
 CHECKED

IAP	ILS OR LOC RWY 9R		KOSU	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 9R (ALT MISS)	1	KOSU	COLUMBUS	OH (US)
IAP	RNAV (GPS) RWY 27L		KOSU	COLUMBUS	OH (US)
IAP	RNAV (GPS) RWY 9R		KOSU	COLUMBUS	OH (US)
IAP	VOR RWY 28	4	KDLZ	DELAWARE	OH (US)
IAP	RNAV (GPS) RWY 28		KLHQ	LANCASTER	OH (US)
IAP	VOR-A	5	KLHQ	LANCASTER	OH (US)
IAP	VOR-A		4I9	MOUNT GILEAD	OH (US)
IAP	RNAV (GPS) RWY 10		4I3	MOUNT VERNON	OH (US)
IAP	RNAV (GPS) RWY 28		4I3	MOUNT VERNON	OH (US)
IAP	VOR-A	3	4I3	MOUNT VERNON	OH (US)
IAP	VOR/DME RWY 26		I86	NEW LEXINGTON	OH (US)
IAP	LOC RWY 9	2	KVTA	NEWARK	OH (US)
IAP	RNAV (GPS) RWY 27	7	KVTA	NEWARK	OH (US)
IAP	VOR-A	2	KVTA	NEWARK	OH (US)
IAP	ILS OR LOC RWY 22R		KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (CAT II & III)		KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (SA CAT I)		KILN	WILMINGTON	OH (US)
STAR	TIGRR (RNAV)		KCVG	COVINGTON	KY (US)
STAR	DANEI		KDAY	DAYTON	OH (US)
STAR	DANEI		KFFO	DAYTON	OH (US)
STAR	DANEI		KMGY	DAYTON	OH (US)
STAR	DANEI		KMWO	MIDDLETOWN	OH (US)
STAR	DANEI		KSGH	SPRINGFIELD	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 36

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. AIRPSACE DOCKET: ADDED 23-ASO-34.
2. FIX USE: ADDED Q149.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jul 31, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: SPAYD

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381136.56N/0821928.69W

TYPE: WP, DME

AIRSPACE DOCKET:

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	APPLETON	APE	VORTAC	VH	179.93	173.93	117.99	117.99		23000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J83	1				(US)
EN ROUTE	Q149					(US)
EN ROUTE	Q68					(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. AIRSPACE DOCKET: DELETED 20-ASO-9.
2. FIX MAKE-UP FACILITIES: FAC 1 CLASS CHANGED FROM H TO VH.
3. FIX USE: ADDED Q149.
4. REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

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OFFICE: AJV-A423

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SIGNATURE:

Digitally signed by

ALLAN WILL

Jul 31, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: WAAHU

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 403804.21N/0822510.09W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	DRYER	DJB	VOR/DME	VH	200.17	195.17	44.94	44.94		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

HAND-OFF FIX BETWEEN ZOB AND ZID.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J83	1				(US)
EN ROUTE	Q149					(US)
STAR	CBUSS (RNAV)			KCMH	COLUMBUS	OH (US)
STAR	CBUSS (RNAV)			KLCK	COLUMBUS	OH (US)
STAR	CBUSS (RNAV)			KOSU	COLUMBUS	OH (US)
STAR	CBUSS (RNAV)			KTZR	COLUMBUS	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM H TO VH.
2. FIX USE: ADDED Q149.
3. REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Jul 31, 2024

