

RADIO FIX AND HOLDING DATA RECORD

NAME: BRIGGS VOR/DME STATE: OH COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 404426.54N/0812555.62W TYPE:

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	BRIGGS	BSV	VOR/DME	L						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	N	BSV	VOR/DME	001.99	181.99	R	1		3000	6000	4	5
2	S	BSV	VOR/DME	188.00	008.00	R	1		3000	6000	4	5
3	SE	BSV	VOR/DME	116.00	296.00	R	1		2800	6000	4	5
4	SE	BSV	VOR/DME	141.00	321.00	R	1		3000	6000	4	5
5	SE	BSV	VOR/DME	155.00	335.00	R	1		3000	6000	4	5
6	S		WP	191.00	011.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-000849)	404642.73N/0812702.14W	1540	2C
2	200	TOWER (39-000212)	404017.00N/0812358.00W	1607	4D
3	200	TOWER (39-000212)	404017.00N/0812358.00W	1607	4D
4	200	TOWER (39-000212)	404017.00N/0812358.00W	1607	4D
5	200	TOWER (39-000212)	404017.00N/0812358.00W	1607	4D
6	200	TOWER (39-000212)	404017.00N/0812358.00W	1607	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED MAGVAR: 4W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
DP	PITTSBURGH			KPIT	PITTSBURGH	PA (US)
EN ROUTE	V8-75					(US)
IAP	LOC RWY 25			KAKR	AKRON	OH (US)
IAP	NDB RWY 25			KAKR	AKRON	OH (US)
IAP	ILR OR LOC RWY 1		5	KCAK	AKRON	OH (US)
IAP	ILS OR LOC RWY 19		2	KCAK	AKRON	OH (US)
IAP	ILS OR LOC RWY 23		2	KCAK	AKRON	OH (US)
IAP	ILS OR LOC RWY 5 (ALT MISSED)		2	KCAK	AKRON	OH (US)
IAP	RNAV (GPS) RWY 19		6	KCAK	AKRON	OH (US)
IAP	RNAV (GPS) RWY 23		6	KCAK	AKRON	OH (US)
IAP	RNAV (GPS) RWY 5			KCAK	AKRON	OH (US)
IAP	VOR RWY 23		2	KCAK	AKRON	OH (US)
IAP	VOR RWY 5			KCAK	AKRON	OH (US)
IAP	VOR-A			KTSO	CARROLLTON	OH (US)
IAP	ILS OR LOC RWY 24			KCGF	CLEVELAND	OH (US)
IAP	ILS OR LOC RWY 24L			KCLE	CLEVELAND	OH (US)
IAP	ILS RWY 24L (SA CAT II)			KCLE	CLEVELAND	OH (US)
IAP	RNAV (GPS) RWY 27			K1G5	MEDINA	OH (US)
IAP	VOR RWY 27			K1G5	MEDINA	OH (US)
IAP	VOR-A		1	KPHD	NEW PHILADELPHIA	OH (US)
IAP	VOR OR GPS RWY 17			K3G6	SEBRING	OH (US)
IAP	VOR/DME-A		4	K3G3	WADSWORTH	OH (US)
IAP	VOR RWY 10		3	KBJJ	WOOSTER	OH (US)
IAP	VOR RWY 28		3	KBJJ	WOOSTER	OH (US)
STAR	KNOX			KORD	CHICAGO	IL (US)
STAR	JESEY RNAV			KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

FIX USE: DELETED KEATN STAR DUE TO CANCELLATION.



INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 04/04/2018	OFFICE: AJV-5400	NAME: LONNIE EVERHART (JOSHUA DUGAN)
APPROVED BY:	DATE:	OFFICE: AJV-5400	NAME: LONNIE EVERHART
	SIGNATURE:		<i>Digitally signed by</i> ROBERT G HAMILTON Jul 16, 2018
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZOB ATC FACILITY: CAK ATCT, YNG ATCT OTHER: CLE APP CON		

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KEATN STATE: OH COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 405553.03N/0813920.12W TYPE: WP, 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	BRIGGS	BSV	VOR/DME	L	322.40	318.40	15.31	15.31		3000	24000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BSV	VOR/DME	R-322	16	19000	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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SE	BSV	VOR/DME	322.41	322.41	L	1-1 1/2	3000 24000	5 20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-002229)	405900.55N/0814103.23W	1552	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING FOR DELAY ARRIVALS TO CLEVELAND METRO AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1	1	1	KCAK	AKRON	OH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

FIX USE: DELETED KEATN STAR DUE TO CANCELLATION.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 04/04/2018	OFFICE: AJV-5400	NAME: LONNIE EVERHART (JOSHUA DUGAN)
APPROVED BY:	DATE:	OFFICE: AJV-5400	NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Jul 16, 2018

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: LENRD STATE: OH COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 403410.26N/0820059.90W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	NEWCOMERSTOWN	CTW	VOR/DME	L	316.67	309.67	32.08	32.08		3000	24000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTW	VOR/DME	R-317	33	19000	24000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ATC COORDINATION FIX. COORDINATES SET BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	KEATN	1		KBKL	CLEVELAND	OH (US)
STAR	KEATN	1		KCGF	CLEVELAND	OH (US)
STAR	KEATN	1		KCLE	CLEVELAND	OH (US)
STAR	KEATN	1		K1G1	ELYRIA	OH (US)
STAR	KEATN	1		KLPR	LORAIN/ELYRIA	OH (US)
STAR	KEATN	1		K1G5	MEDINA	OH (US)
STAR	KEATN	1		K7G8	MIDDLEFIELD	OH (US)
STAR	KEATN	1		K2G1	PAINESVILLE	OH (US)
STAR	KEATN	1		KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

REMOVED FAC 1 (TVT VOR/DME).
 ADDED DME TO CTW VOR/DME.
 REMOVED ESV FOR TVT VOR/DME.
 REMOVED INT FROM FIX TYPE.

7/11/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/06/2018.

1. CHANGED HOLDING TYPE OF ACTION FROM CANCELLED TO NO CHANGE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE:	OFFICE:	NAME:
APPROVED BY:	DATE:	OFFICE: AJV-5400	NAME: LONNIE EVERHART

SIGNATURE:

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

Digitally signed by
ROBERT G HAMILTON
 Jul 16, 2018

