

RADIO FIX AND HOLDING DATA RECORD

NAME: LIZIO **STATE:** MD **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 392955.94N/0790755.61W **TYPE:** INT, 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	MORGANTOWN	MGW	VOR/DME	L	100.52	095.52	33.99	33.99		5000	29000
2	KESSEL	ESL	VOR/DME	L	344.00	338.00	17.68	17.68		4200	29000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:

MORGANTOWN (FAC 1) AND KESSEL (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J162	1, 2				(US)
EN ROUTE	V44	1, 2				(US)
STAR	WESTMINSTER	1, 2		KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER	1, 2		KMTN	BALTIMORE	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 06/20/2019

REASON FOR REVISION:

MGW (FAC 1) CHANGED FROM VORTAC TO VOR/DME.
 ADDED DIST FROM FAC TO FACILITIES 1,2.
 ADDED (KMTN) WESTMINSTER STAR TO FIX USE.
 ADDED FIX ESTABLISHMENT REMARK.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A442 **NAME:** DAN POWELL

APPROVED BY: **DATE:** **OFFICE:** AJV-A44 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*

JACOB POWERS

DISTRIBUTION: NFDC
 FPO: NYC
 ARTCC: ZDC
 ATC FACILITY:
 OTHER:
 Mar 08, 2019

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MUMSY

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392447.70N/0780850.07W

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	MAA
1	MARTINSBURG	MRB	VORTAC	L	283.90	276.90	14.00	14.00	4100	17500
2	LINDEN	LDN	VORTAC	L	010.63	004.63	33.61	33.61	4100	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	W	MRB	VORTAC	283.90	103.90	R	1-1 1/2	6000 17500	8 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (54-020004)	392639.32N/0782051.08W	2905	2C

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON

REMARKS:

MARTINSBURG (FAC 1) AND LINDEN (FAC 2) USED TO ESTABLISH FIX COORDINATES
CHART PAT 1 ON AREA AND ENROUTE LOW CHARTS.
HOLDING IS LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V44	1, 2	1			(US)
IAP	RNAV (GPS) RWY 9			KHGR	HAGERSTOWN	MD (US)
IAP	RNAV (GPS) RWY 14			KOKV	WINCHESTER	VA (US)
STAR	WESTMINSTER	1, 2	1	KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER	1, 2	1	KMTN	BALTIMORE	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

ADDED (KMTN) WESTMINSTER STAR TO FIX USE.
ADDED FIX ESTABLISHMENT REMARK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE:

OFFICE: AJV-A44

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

JACOB POWERS

Mar 08, 2019

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: PCT TRACON, KHGR ATCT

OTHER:

QUALITY
14
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RADIO FIX AND HOLDING DATA RECORD

NAME: RUANE

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392646.00N/0772226.34W

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	MARTINSBURG	MRB	VORTAC	L	087.51	080.51	22.35	22.35		4000	17500
2	ARMEL	AML	VOR/DME	L	016.00	008.00	30.97	30.97		4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MARTINSBURG (FAC 1) AND ARMEL (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V166	1, 2				(US)
EN ROUTE	V3	1, 2				(US)
EN ROUTE	V457	1, 2				(US)
IAP	RNAV (GPS) RWY 14			KGAI	GAITHERSBURG	MD (US)
STAR	TRSTN (RNAV)			KHEF	DISTRICT OF COLUMBIA	DC (US)
STAR	WESTMINSTER	1, 2		KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER	1, 2		KMTN	BALTIMORE	MD (US)
STAR	TRSTN (RNAV)			KFDK	FREDERICK	MD (US)
STAR	TRSTN (RNAV)			KGAI	GAITHERSBURG	MD (US)
STAR	TRSTN (RNAV)			KHGR	HAGERSTOWN	MD (US)
STAR	TRSTN (RNAV)			KW50	LAYTONSVILLE	MD (US)
STAR	TRSTN (RNAV)			KDMW	WESTMINSTER	MD (US)
STAR	TRSTN (RNAV)			KCJR	CULPEPER	VA (US)
STAR	TRSTN (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	TRSTN (RNAV)			KFRR	FRONT ROYAL	VA (US)
STAR	TRSTN (RNAV)			KJYO	LEESBURG	VA (US)
STAR	TRSTN (RNAV)			KNYG	QUANTICO	VA (US)
STAR	TRSTN (RNAV)			KRMN	STAFFORD	VA (US)
STAR	TRSTN (RNAV)			KHWY	WARRENTON	VA (US)
STAR	TRSTN (RNAV)			KOKV	WINCHESTER	VA (US)
STAR	TRSTN (RNAV)			KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

ADDED (KMTN) WESTMINSTER STAR TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE:

OFFICE: AJV-A44

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*
JACOB POWERS

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT APP CON
OTHER:
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QUALITY
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RADIO FIX AND HOLDING DATA RECORD

NAME: YAARK

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393549.55N/0784752.88W

TYPE: INT, 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	FAC FEET	MRA	MAA
1	MARTINSBURG	MRB	VORTAC	L	293.34	286.34	45.90	45.90		21000	45000
2	KESSEL	ESL	VOR/DME	L	027.73	021.73	23.99	23.99		21000	36000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MRB	VORTAC	R-293	46	21000	45000
ESL	VOR/DME	R-028	24	21000	36000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MARTINSBURG (FAC 1) AND KESSEL (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	WESTMINSTER	1, 2		KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER	1, 2		KMTN	BALTIMORE	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

ADDED DIST FROM FAC TO FACILITIES 1,2.

ADDED (KMTN) WESTMINSTER STAR TO FIX USE.

ADDED FIX ESTABLISHMENT REMARK.

ADDED PREVIOUSLY APPROVED ESV DATA; REMOVED ESV'S ON REQUEST REMARK.

INITIATED BY:

DATE:

ORGANIZATION: ZOB

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE:

OFFICE: AJV-A44

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*

JACOB POWERS

DISTRIBUTION:

NFDC

Mar 08, 2019

FPO: NYC

ARTCC: ZOB, ZDC

ATC FACILITY: POTOMAC TRACON

OTHER:

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