

RADIO FIX AND HOLDING DATA RECORD

NAME: EDSOE STATE: WV COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390704.77N/0811929.74W TYPE: WP

AIRSPACE DOCKET: 24-AEA-3 FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S		WP	181.18	001.18	R	4	3000	10000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TREE	390218.00N/0811212.00W	1347	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1: NOAA DYNAMIC MAGVAR, TRUE COURSE IS 353.18.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T426		1			(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: REMOVED INT AND DME - ATC REQUEST. ADDED WP.
AIRSPACE DOCKET: ADDED 24-AEA-3.
FIX MAKE-UP FACILITIES: REMOVED FACS 1 (JPU) AND 2 (CKB) - ATC REQUEST.
ESV: REMOVED CKB VOR/DME ESV DATA.
FIX RESTRICTIONS: REMOVED MRA ALL 3500.
HOLDING: REMOVED PAT 1 JPU VOR/DME HOLDING. ADDED PAT 1 WP HOLDING AND ALL ASSOCIATED DATA.
REMARKS: REMOVED FIX COORDINATES REMARK. REMOVED V59 HOLDING REMARK. ADDED PAT 1: NOAA DYNAMIC MAGVAR, TRUE COURSE IS 353.18.
FIX USE: ADDED T426 AND PAT 1. REMOVED V59.
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: BARRY SMITH

APPROVED BY: DATE: 02/20/2025 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ESTEM

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 373046.29N/0805749.97W

TYPE: WP, DME

AIRSPACE DOCKET: 24-AEA-3

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	BLUEFIELD	BLF	VOR/DME	VL	044.61	041.61	16.56	16.56		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T426					(US)
IAP	ILS OR LOC RWY 23	1		KBLF	BLUEFIELD	WV (US)
IAP	VOR RWY 23	1		KBLF	BLUEFIELD	WV (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: REMOVED INT AND ADDED WP.
AIRSPACE DOCKET: ADDED 24-AEA-3.
FIX MAKE-UP FACILITIES: REMOVED FAC 1 (BKW) - BKW VOR MON.
REMARKS: REMOVED FIX COORDINATES REMARK.
FIX USE: ADDED T426. REMOVED V59.

11/22/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/21/24.
1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 (BLF) CLASS FROM L TO VL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GAULE

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 380709.92N/0811025.77W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-3

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
EN ROUTE
EN ROUTE

USE TITLE
T315
T426

FAC PAT AIRPORT IDENT CITY

STATE
(US)
(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: REMOVED DME.

AIRSPACE DOCKET: ADDED 24-AEA-3.

FIX MAKE-UP FACILITIES: REMOVED FAC 1 (BKW) - BKW VOR MON.

REMARKS: REMOVED SECTIONAL ADDED PER ATC REQUEST - WILL NOT CHART PER CHARTING CRITERIA.

FIX USE: ADDED T426. REMOVED V59.

REQUIRED CHARTING: REMOVED SECTIONAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ITALY

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383201.38N/0811409.43W

TYPE: WP, DME

AIRSPACE DOCKET: 24-AEA-3

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	CHARLESTON	HVQ	VOR/DME	H	069.17	066.17	27.48	27.48	3000	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	E	HVQ	VOR/DME	069.17	249.17	R	1	4000 17500	6 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	383451.00N/0810509.00W	1831	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T426					(US)
EN ROUTE	V4	1	1			(US)
IAP	RNAV (GPS) Y RWY 23			KCRW	CHARLESTON	WV (US)
IAP	RNAV (RNP) Z RWY 23			KCRW	CHARLESTON	WV (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: REMOVED INT.
AIRSPACE DOCKET: ADDED 24-AEA-3.
FIX MAKE-UP FACILITIES: REMOVED FAC 1 (BKW) - BKW VOR MON.
ESV: REMOVED BKW VOR/DME ESV DATA.
REMARKS: REMOVED FIX COORDINATES REMARK.
FIX USE: ADDED T426. REMOVED V59.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PARKERSBURG VOR/DME

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392628.25N/0812229.14W

TYPE:

AIRSPACE DOCKET: 24-AEA-3

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	PARKERSBURG	JPU	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	JPU	VOR/DME	031.29	211.29	R	1		2700	17500	4	16
2	SW	JPU	VOR/DME	220.00	040.00	L	1		7000	17500	8	16
3	SW		WP	225.25	045.25	L		10	7000	31000	10	25

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	393439.00N/0811651.00W	1379	4E
2	230	TOWER (39-001859)	392059.85N/0813355.45W	1433	4D
3	200	TOWER (39-001859)	392059.85N/0813355.45W	1433	4D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST.

PAT 3 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

HOLDING PATTERN 2 REQUESTED BY ATC.

JPU VOR/DME MAG VAR 3W/EPOCH YR 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
EN ROUTE	T426					(US)
EN ROUTE	V115					(US)
EN ROUTE	V117					(US)
EN ROUTE	V166					(US)
EN ROUTE	V38					(US)
EN ROUTE	V44					(US)
IAP	ILS OR LOC RWY 3		1	KPKB	PARKERSBURG	WV (US)
IAP	RNAV (GPS) RWY 10			KPKB	PARKERSBURG	WV (US)
IAP	RNAV (GPS) RWY 21			KPKB	PARKERSBURG	WV (US)
IAP	RNAV (GPS) RWY 28			KPKB	PARKERSBURG	WV (US)
IAP	RNAV (GPS) RWY 3			KPKB	PARKERSBURG	WV (US)
IAP	VOR RWY 21		1	KPKB	PARKERSBURG	WV (US)
STAR	ZZIPS (RNAV)			KAKR	AKRON	OH (US)
STAR	ZZIPS (RNAV)			KCAK	AKRON	OH (US)
STAR	ZZIPS (RNAV)			1G3	KENT	OH (US)
STAR	FEWGA (RNAV)		3	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: 19

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

STATE: CHANGED FROM OH TO WV - RESTORED FROM REV 15 TO MATCH AIRNAV DATA AND AIRSPACE DOCKET.

AIRSPACE DOCKET: CHANGED 23-ASO-8 TO 24-AEA-3.

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (JPU) MAA FROM 33000 TO 17500 - LOW FACILITY.

FIX USE: ADDED T426. REMOVED V59.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: Digitally signed by

ALLAN WILL

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SITTR

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 374649.13N/0810723.70W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-3

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	273.08	093.08	L		12	24000	45000	20	30

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

PAT 1: NOAA DYNAMIC MAGVAR USED, TRUE COURSE IS 085.08

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
EN ROUTE	Q108					(US)
EN ROUTE	Q34		1			(US)
EN ROUTE	T426					(US)
STAR	TRUPS (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	GIBBZ (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	TRUPS (RNAV)			KADW	CAMP SPRINGS	MD (US)
STAR	TRUPS (RNAV)			KDAA	FORT BELVOIR	VA (US)
STAR	GIBBZ (RNAV)			KJYO	LEESBURG	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 23-ASO-15 TO 24-AEA-2.

FIX USE: ADDED T479.

FIX USE: ADDED T426 - AIRSPACE DOCKET 24-AEA-3.

12/06/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/21/24.

1. AIRSPACE DOCKET: CHANGED FROM 24-AEA-2 TO 24-AEA-3.

2. FIX USE: REMOVED T479.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOFTY

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 372322.35N/0805326.64W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-3

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	BLUEFIELD	BLF	VOR/DME	VL	073.98	070.98	15.35	15.35		5600	17500
2	PULASKI	PSK	VORTAC	H	340.83	334.83	20.00	20.00		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BLUEFIELD (FAC 1) AND PULASKI (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T426					(US)
EN ROUTE	V140	1, 2				(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

LATITUDE/LONGITUDE: CHANGED FROM 372327.60N/0805329.84W TO 372322.35N/0805326.64W.

AIRSPACE DOCKET: ADDED 24-AEA-3.

FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 2. CHANGED FAC 1 (BLF) MAG/TRUE BRG FROM 073.62/070.62 TO 073.98/070.98 - V140 CENTERLINE. CHANGED FAC 1 (BLF) DME/DIST FROM FAC FROM 15.34 TO 15.35. CHANGED FAC 2 (PSK) DME/DIST FROM FAC FROM 20.09 TO 20.00.

REMARKS: REMOVED FIX IS NOT LOCATED ON V140 CENTERLINE.

FIX USE: ADDED T426. REMOVED V59.

REQUIRED CHARTING: REMOVED IAP.

11/22/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/21/24.

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 (BLF) CLASS FROM L TO VL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: WAKIS

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 371419.29N/0804806.12W

TYPE: WP, DME

AIRSPACE DOCKET: 24-AEA-3

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	PULASKI	PSK	VORTAC	H	340.82	334.82	10.00	10.00		6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US) VA (US)
EN ROUTE IAP	T426 ILS OR LOC Y RWY 6	1		KPSK	DUBLIN	

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: ADDED WP.
AIRSPACE DOCKET: ADDED 24-AEA-3.
FIX USE: ADDED T426. REMOVED V59.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WARDO

STATE: WV

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384026.53N/0811525.94W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-3

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	CHARLESTON	HVQ	VOR/DME	H	054.00	051.00	31.00	31.00		3000	17500
2	PARKERSBURG	JPU	VOR/DME	L	176.15	173.15	46.31	46.31		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JPU	VOR/DME	R-176	47	3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHARLESTON (FAC 1) AND PARKERSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T426					(US)
EN ROUTE	V35	1, 2				(US)
IAP	RNAV (GPS) Y RWY 23			KCRW	CHARLESTON	WV (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

TYPE: ADDED WP.

AIRSPACE DOCKET: ADDED 24-AEA-3.

FIX USE: ADDED T426. REMOVED V59.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Dec 09, 2024

