

RADIO FIX AND HOLDING DATA RECORD

NAME: APEER

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393732.94N/0755025.39W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: NO CHANGE

FIX RESTRICTIONS:

MCA T356 4000 SOUTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHART ON SECTIONAL PER ATC REQUEST.

FIX USE:

USE TYPE
EN ROUTE
EN ROUTE

USE TITLE
T356
T447

FAC PAT AIRPORT IDENT CITY

STATE
(US)
(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-18 TO 22-AEA-16

FIX USE: ADDED T447

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CHAZR

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392928.14N/0754428.13W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

CHART ON SECTIONAL-ATC REQUEST

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
T447

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/30/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DIANO

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 410001.99N/0761333.78W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 22-AEA-16

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	SELINSGROVE	SEG	VOR/DME	L	075.00	067.00	32.47	32.47		3700	17500
2	WILLIAMSPORT	FQM	VOR/DME	L	138.00	129.00	32.08	32.08		3700	17500
3	WILKES-BARRE	LVZ	VORTAC	L	246.31	236.31	29.30	29.30		4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SELINSGROVE (FAC 1) AND WILLIAMSPORT (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL-ATC REQUEST

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SCRANTON	1		KAVP	WILKES-BARRE/SCRANTON	PA (US)
EN ROUTE	T212					(US)
EN ROUTE	T447					(US)
EN ROUTE	V164	1, 2				(US)
IAP	RNAV (GPS) RWY 8			22N	LEHIGHTON	PA (US)
IAP	RNAV(GPS) RWY 26			N79	SHAMOKIN	PA (US)
STAR	LEGGO (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	SELINSGROVE	1, 2, 3		KIAD	WASHINGTON	DC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-17 TO 22-AEA-16

FIX USE: ADDED T447

REQUIRED CHARTING: ADDED SECTIONAL

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DLMAR

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 414142.56N/0772511.02W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHART ON SECTIONAL-ATC REQUEST

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

EN ROUTE

T218

(US)

EN ROUTE

T447

(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-15 TO 22-AEA-16

FIX USE: ADDED T447

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EAST TEXAS VOR/DME STATE: PA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 403451.74N/0754102.51W TYPE:
 AIRSPACE DOCKET: 22-AEA-16 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	EAST TEXAS	ETX	VOR/DME	L							45000

FIX RESTRICTIONS:

MCA T447 3000 NORTHWEST BOUND

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	ETX	VOR/DME	292.33	112.33	R	1		3000	8000	4	8
2	NE		WP	059.00	239.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403845.00N/0755006.00W	1299	2C
2	200	AAO	404312.00N/0753554.00W	1185	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ATC REQUEST SECTIONAL CHARTING.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAGNETIC VARIATION: 1965/W09.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DEVIL			KEWR	NEWARK	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	TAKEOFF MINIMUMS			KXLL	ALLENTOWN	PA (US)
DP	SCRANTON			KAVP	WILKES-BARRE/SCRANTON	PA (US)
EN ROUTE	T299					(US)
EN ROUTE	T430					(US)
EN ROUTE	T447					(US)
EN ROUTE	V147					(US)
EN ROUTE	V162					(US)
EN ROUTE	V164					(US)
EN ROUTE	V29					(US)
EN ROUTE	V30					(US)
EN ROUTE	V39					(US)
EN ROUTE	V408					(US)
IAP	ILS OR LOC RWY 13			KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC RWY 6			KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24		1	KABE	ALLENTOWN	PA (US)
IAP	ILS RWY 6 (SA CAT I & II)			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24		2	KABE	ALLENTOWN	PA (US)
IAP	LOC RWY 28			KHZL	HAZLETON	PA (US)
IAP	ILS OR LOC RWY 8			KLNS	LANCASTER	PA (US)
IAP	VOR RWY 31			KLNS	LANCASTER	PA (US)
IAP	VOR RWY 8			KLNS	LANCASTER	PA (US)
IAP	VOR/DME RWY 26			KLNS	LANCASTER	PA (US)
IAP	VOR/DME RWY 31			KLNS	LANCASTER	PA (US)
IAP	VOR/DME RWY 8			KLNS	LANCASTER	PA (US)
IAP	RNAV (GPS) RWY 26			22N	LEHIGHTON	PA (US)
IAP	VOR/DME OR GPS-A			9D4	MYERSTOWN	PA (US)
IAP	LOC RWY 28			KPTW	POTTSTOWN	PA (US)
IAP	RNAV (GPS) RWY 11			KUKT	QUAKERTOWN	PA (US)
IAP	ILS OR LOC RWY 13			KRDG	READING	PA (US)
IAP	ILS OR LOC RWY 36			KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 13			KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 18			KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 36			KRDG	READING	PA (US)
STAR	BUNTS			KILG	WILMINGTON	DE (US)
STAR	BUNTS			KTTN	TRENTON	NJ (US)
STAR	HARRISBURG			KWRI	WRIGHTSTOWN	NJ (US)
STAR	MILTON			KLGA	NEW YORK	NY (US)
STAR	BUNTS			KMQS	COATESVILLE	PA (US)
STAR	BUNTS			KPHL	PHILADELPHIA	PA (US)
STAR	SLATT			KPHL	PHILADELPHIA	PA (US)
STAR	SPUDS (RNAV)			KPHL	PHILADELPHIA	PA (US)

QUALITY
13
CHECKED

STAR BUNTS KPNE PHILADELPHIA PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 25 **DATE OF REVISION:** 11/30/2023

REASON FOR REVISION:
AIRSPACE DOCKET: CHANGED 21-AEA-31 TO 22-AEA-16
FIX USE: ADDED T447; DP DEVIL KEWR NEWARK, NJ

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: GALE SHELTON
APPROVED BY:	DATE: 11/30/2023	OFFICE: AJV-A423	NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*
JASON KRETSCHMER
Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FOLEZ

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395532.76N/0754916.49W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ATC REQUEST SECTIONAL CHARTING.

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

EN ROUTE

T356

(US)

EN ROUTE

T447

(US)

EN ROUTE

T456

(US)

REQUIRED CHARTING: SECTIONAL, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-31 TO 22-AEA-16

FIX USE: ADDED T447

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HAPPS

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394929.53N/0755059.05W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SECTIONAL ADDED PER ATC REQUEST

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

EN ROUTE

T356

(US)

EN ROUTE

T447

(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-18 TO 22-AEA-16

FIX USE: ADDED T447

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HIKES

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402255.93N/0753654.90W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 22-AEA-16

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	YARDLEY	ARD	VOR/DME	L	293.61	283.61	33.38	33.38	6000	17500
2	POTTSTOWN	PTW	VORTAC	L	354.27	345.27	9.92	9.92	2900	17500
3	LANCASTER	LRP	VOR/DME	L	071.93	062.93		34.81	4000	17500

FIX RESTRICTIONS:

MRA V408 4000
MRA V29 4000
MRA V276 4000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

YARDLEY (FAC 1) AND POTTSTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL - ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T438					(US)
EN ROUTE	T447					(US)
EN ROUTE	V276	1, 2				(US)
EN ROUTE	V29	1, 2, 3				(US)
EN ROUTE	V408	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 11			KUKT	QUAKERTOWN	PA (US)
IAP	RNAV (GPS) RWY 29			KUKT	QUAKERTOWN	PA (US)
STAR	HYPER (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	HYPER (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	HYPER (RNAV)			KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)			KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)			KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)			KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)			KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)			KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)			KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)			KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-16 TO 22-AEA-16
FIX USE: ADDED T447

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HOSKR

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 400503.94N/0753256.13W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

CHART ON SECTIONAL-ATC REQUEST

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
T447

FAC PAT AIRPORT IDENT CITY

STATE
(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/30/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POTTSTOWN VORTAC

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401320.03N/0753336.90W

TYPE:

AIRSPACE DOCKET: 22-AEA-16

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	POTTSTOWN	PTW	VORTAC	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	SE	PTW	VORTAC	123.27	303.27	R	1		2100 6000	4 5
2	W	PTW	VORTAC	290.05	110.05	R	1		3000 6000	4 5
3	SE	PTW	VORTAC	152.00	332.00	R	1		3000 8000	4 8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (42-000214)	400929.00N/0752504.00W	775	5D
2	200	AAO	401309.00N/0754527.00W	1198	5E
3	200	TOWER (42-000214)	400929.00N/0752504.00W	775	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 1965/W09

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DEVIL			KEWR	NEWARK	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
DP	TAKEOFF MINIMUMS			N47	POTTSTOWN	PA (US)
EN ROUTE	J48					(US)
EN ROUTE	Q448					(US)
EN ROUTE	T447					(US)
EN ROUTE	V12					(US)
EN ROUTE	V143					(US)
EN ROUTE	V29					(US)
EN ROUTE	V403					(US)
EN ROUTE	V405					(US)
EN ROUTE	V408					(US)
IAP	ILS OR LOC RWY 29			KMQS	COATESVILLE	PA (US)
IAP	RNAV (GPS) RWY 29			KMQS	COATESVILLE	PA (US)
IAP	RNAV (GPS) RWY 8			KCKZ	PERKASIE	PA (US)
IAP	RNAV (GPS) RWY 6			KLOM	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 26		3	KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27R		3	KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I & II)		3	KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17 (CONVERGING)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 24		2	KPNE	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 15			KPNE	PHILADELPHIA	PA (US)
IAP	VOR/DME-A			KPTW	POTTSTOWN	PA (US)
IAP	RNAV (GPS) RWY 26			N47	POTTSTOWN	PA (US)
IAP	VOR-B		1	N47	POTTSTOWN	PA (US)
IAP	ILS OR LOC RWY 36			KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 36			KRDG	READING	PA (US)
IAP	RNAV (GPS) Y RWY 9			KOQN	WEST CHESTER	PA (US)
IAP	RNAV (GPS) Z RWY 9			KOQN	WEST CHESTER	PA (US)
STAR	DYLIN			KEWR	NEWARK	NJ (US)
STAR	SLATT			KPHL	PHILADELPHIA	PA (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: 6

DATE OF REVISION: 11/30/2023

QUALITY
13
CHECKED

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 22-AEA-16

CONTROLLING OBSTRUCTIONS: AMENDED PAT 1 AND PAT 3 TO CURRENT OE/AAA DATABASE

FIX USE: ADDED T447, DP TAKEOFF MINIMUMS (N47) POTTSTOWN, PA; DP DEVIL KEWR NEWARK, NJ; ILS OR LOC RWY 29 (KMQS)

COATSVILLE, PA; REMOVED (ALT MA) FROM ILS OR LOC RWY 26 (KPHL) PHILADELPHIA, PA

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: GALE SHELTON

APPROVED BY:	DATE: 11/30/2023	OFFICE: AJV-A423	NAME: ALLAN WILL
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SIGNATURE: *Digitally signed by*
JASON KRETSCHMER
Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: REESY

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394527.94N/0755207.09W

TYPE: WP

AIRSPACE DOCKET: 22-AEA-16

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
EN ROUTE
EN ROUTE
EN ROUTE

USE TITLE
T356
T447
T452

FAC PAT AIRPORT IDENT CITY

STATE
(US)
(US)
(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-31 TO 22-AEA-16
FIX USE: ADDED T447

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SMYRNA VORTAC

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391353.93N/0753057.49W

TYPE:

AIRSPACE DOCKET: 22-AEA-16

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	SMYRNA	ENO	VORTAC	L							45000

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	W	ENO	VORTAC	250.66	070.66	L	1		1600	6000	5	7
2	E	ENO	VORTAC	088.40	268.40	R	1		1500	6000	5	7
3	W		WP	254.94	074.94	L		10	24000	45000	20	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (10-000007)	391202.13N/0753351.44W	233	4D
2	230	TOWER (10-000007)	391202.13N/0753351.44W	233	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 SEPARATION WITH DOVER AFB TRAFFIC
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 FOR ATC USE.
FACILITY MAGVAR: 9W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CAPITAL			KIAD	WASHINGTON	DC (US)
DP	PALEO			KBWI	BALTIMORE	MD (US)
DP	SWANN			KBWI	BALTIMORE	MD (US)
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	Q127		3			(US)
EN ROUTE	T224					(US)
EN ROUTE	T358					(US)
EN ROUTE	T416					(US)
EN ROUTE	T447					(US)
EN ROUTE	V16					(US)
EN ROUTE	V213					(US)
EN ROUTE	V268					(US)
EN ROUTE	V29					(US)
EN ROUTE	V379					(US)
IAP	ILS OR LOC RWY 1			KDOV	DOVER	DE (US)
IAP	ILS RWY 1 (CAT II)			KDOV	DOVER	DE (US)
IAP	TACAN RWY 1			KDOV	DOVER	DE (US)
IAP	RNAV (GPS) RWY 9			33N	DOVER/CHESWOLD	DE (US)
IAP	VOR RWY 27		2	33N	DOVER/CHESWOLD	DE (US)
IAP	NDB-A			KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Y RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Z RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	VOR 9			KILG	WILMINGTON	DE (US)
IAP	VOR RWY 27			KILG	WILMINGTON	DE (US)
IAP	ILS RWY 33			KMTN	BALTIMORE	MD (US)
IAP	RNAV (GPS) RWY 33			KMTN	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 4			KESN	EASTON	MD (US)
IAP	RNAV (GPS)-B			58M	ELKTON	MD (US)
IAP	VOR/DME-A			58M	ELKTON	MD (US)
IAP	HI-ILS Y OR LOC Y RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	HI-VOR OR TACAN RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 32			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 19			KWWD	WILDWOOD	NJ (US)
STAR	ARLFT (RNAV)			KDOV	DOVER	DE (US)
STAR	ARLFT (RNAV)			33N	DOVER/CHESWOLD	DE (US)
STAR	ARLFT (RNAV)			KILG	WILMINGTON	DE (US)
STAR	KORRY			KLGA	NEW YORK	NY (US)
STAR	PROUD (RNAV)			KLGA	NEW YORK	NY (US)

QUALITY
13
CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 35

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 21-AEA-33 TO 22-AEA-16

CONTROLLING OBSTRUCTIONS: AMENDED PAT 1 AND PAT 2 TO CURRENT OE/AAA DATABASE

FIX USE: ADDED T447, STAR KORRY (KLGA), REMOVED STAR SMYRNA (KDOV)

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Jul 13, 2023

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WILLIAMSPORT VOR/DME STATE: PA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 412018.81N/0764629.52W TYPE:
 AIRSPACE DOCKET: 22-AEA-16 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	WILLIAMSPORT	FQM	VOR/DME	L							45000

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	W	FQM	VOR/DME	290.00	110.00	R	1 1/2		18000	41000	16	28

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PAT 1 CHART ENROUTE HIGH
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAGNETIC VARIATION: 1965/W09

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J584		1			(US)
EN ROUTE	T216					(US)
EN ROUTE	T447					(US)
EN ROUTE	T460					(US)
EN ROUTE	V164					(US)
EN ROUTE	V188					(US)
EN ROUTE	V226					(US)
EN ROUTE	V423					(US)
EN ROUTE	V576					(US)
IAP	RNAV (GPS)-B			N13	BLOOMSBURG	PA (US)
IAP	RNAV (GPS)-A			KLHV	LOCK HAVEN	PA (US)
IAP	ILS OR LOC RWY 27			KIPT	WILLIAMSPORT	PA (US)
STAR	LEGGO (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	SELINGSGROVE			KIAD	WASHINGTON	DC (US)
STAR	PENNS			KEWR	NEWARK	NJ (US)
STAR	WILLIAMSPORT		1	KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 22-AEA-16
 FIX USE: ADDED T447, T460

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
 Jul 13, 2023

QUALITY
 13
 CHECKED