

RADIO FIX AND HOLDING DATA RECORD

NAME: AVCAT

STATE: CT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 411549.40N/0721105.15W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
Q439

FAC PAT AIRPORT IDENT CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BEEKN

STATE: ME

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 432051.95N/0704450.28W

TYPE: WP

AIRSPACE DOCKET: 21-AEA-11

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

EN ROUTE

Q439

EN ROUTE

Q480

EN ROUTE

Q97

(US)

(US)

(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 21-AEA-11.
2. FIX USE: ADDED Q97.
3. REMARKS: ADDED CONTROLLER LOW PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: MARK CIARLONE

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A410

NAME: JULIE MORGAN

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BLENO

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 425455.00N/0710443.37W

TYPE: WP

AIRSPACE DOCKET: 21-AEA-11

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

EN ROUTE

Q439

(US)

EN ROUTE

Q97

(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

1. AIRSPACE DOCKET: CHANGED FROM 18-AEA-16 TO 21-AEA-11.
2. FIX USE: ADDED Q97.
3. REMARKS: ADDED CONTROLLER LOW PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: MARK CIARLONE

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A410

NAME: JULIE MORGAN

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BOGRT

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 421356.08N/0713107.37W

TYPE: WP

AIRSPACE DOCKET: 18-AEA-16

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
Q439

FAC PAT AIRPORT IDENT CITY

STATE
(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 18-AEA-16.

FIX USE: ADDED Q439.

REQUIRED CHARTING: ADDED CONTROLLER LOW AND HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ANTHONY KACZKA

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRIGS

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393124.72N/0740819.67W

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	FEET	MRA	MAA
1	CEDAR LAKE	VCN	VOR/DME	L	101.00	091.00	38.46	38.46		1700	45000
2	SEA ISLE	SIE	VORTAC	VH	059.00	050.00	40.09	40.09		6000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
VCN	VOR/DME	R-101	39	18000	45000
SIE	VORTAC	R-059	41	6000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SEA ISLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WNSTN (RNAV)			KDOV	DOVER	DE (US)
EN ROUTE	Q439					(US)
EN ROUTE	Q97					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320					(US)
EN ROUTE	T358					(US)
EN ROUTE	V139		1, 2			(US)
EN ROUTE	V268		1, 2			(US)
EN ROUTE	V577		1, 2			(US)
STAR	JIIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

DELETED STAR CEDAR LAKE FOR KPHL, KILG, KMQS, KTTN AND KPNE FROM FIX USE.
DELETED AIRSPACE DOCKET 22-AEA-21.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: HOPE DENTON

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: DRIFT

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394853.56N/0734049.53W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 22-AEA-21

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	COYLE	CYN	VORTAC	H	100.00	090.00	34.73	34.73		2000	45000
2	KENNEDY	JFK	VOR/DME	H	187.10	175.10		49.22		6000	45000
3	ROBBINSVILLE	RBV	VORTAC	H	131.48	121.48		44.16		4500	45000
4	SEA ISLE	SIE	VORTAC	VH	059.00	050.00	67.59	67.59		7500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JFK	VOR/DME	R-187	51	6000	14600
RBV	VORTAC	R-131	45	4500	14800
SIE	VORTAC	R-059	68	7500	14600

FIX RESTRICTIONS:

MRA V312 6000
MCA V139 12000 NORTHEAST BOUND
MCA V268 12000 NORTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ROBBINSVILLE (FAC 3) AND SEA ISLE (FAC 4) USED TO ESTABLISH FIX COORDINATES.
DO NOT CHART CYN R-100 ON HIGH CHARTS.
CHART ON SECTIONAL - ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q439					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320					(US)
EN ROUTE	T358					(US)
EN ROUTE	T416					(US)
EN ROUTE	V139		3, 4			(US)
EN ROUTE	V268		3, 4			(US)
EN ROUTE	V312		1, 2			(US)
EN ROUTE	Y497					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED "23-AEA-2" TO "22-AEA-21"
FIX USE: ADDED T287

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: GALE SHELTON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: DUNEE **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 401924.38N/0730226.06W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: 22-AEA-21 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	HAMPTON	HTO	VORTAC	H	236.04	223.04	48.67	48.67		4000	45000
2	KENNEDY	JFK	VOR/DME	H	130.77	118.77	38.26	38.26		4000	45000

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

REMARKS:

HAMPTON (FAC 1) AND KENNEDY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 CHART ON SECTIONAL - ATC REQUEST.
 7/31/2020: ATC REQUESTS FIX MAKE-UP REMAIN UNCHANGED FOR CHARTING PURPOSES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q439					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320					(US)
EN ROUTE	T358					(US)
EN ROUTE	V139		1, 2			(US)
EN ROUTE	V268		1, 2			(US)
STAR	RICED			KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED "23-AEA-2" TO "22-AEA-21"
 FIX USE: ADDED T287

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** GALE SHELTON

APPROVED BY: **DATE:** 07/11/2024 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FOXWD

STATE: CT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 414821.66N/0714807.03W

TYPE: WP

AIRSPACE DOCKET: 20-AEA-22

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE

USE TITLE

FAC PAT AIRPORT IDENT CITY

STATE

EN ROUTE

Q22

EN ROUTE

Q439

(US)

(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

1. CHANGED AIRSPACE DOCKET NUMBER FROM 18-AEA-16 TO 20-AEA-22
2. FIX USE: ADDED Q22.
3. CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 10/07/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FRIAR

STATE: ME

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 442628.93N/0695304.38W

TYPE: WP, DME

AIRSPACE DOCKET: 22-ASO-9

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	BANGOR	BGR	VORTAC	VH	260.33	241.33	49.51	49.51		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX FRIAR WAS INADVERTENTLY CANCELLED 05/25/2007 FROM IFP FIX DATABASE; IT WAS RE-ESTABLISHED ON 9/10/2020 AT THE CURRENT NASR DATA BASE LOCATION. CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J49	1				(US)
EN ROUTE	Q439					(US)
EN ROUTE	Q97					(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

1. AIRSPACE DOCKET CHANGED FROM 21-AEA-11 TO 22-ASO-9.
2. FIX MAKE-UP FACILITIES: REMOVED ENE VOR/DME.
3. FIX USE: REMOVED EN ROUTE J55.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DEAN GRACEY

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HARBO **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 393627.04N/0740026.56W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 22-AEA-21 **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	COYLE	CYN	VORTAC	H	132.50	122.50		23.33	3000	17500
2	SEA ISLE	SIE	VORTAC	VH	059.00	050.00	48.00	48.00	6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SIE	VORTAC	R-059	48	6000	14600

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	MIN	MAX
1	NE		WP	062.00	242.00	L		7	8000	14000	9	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	393627.04N/0740026.56W	200	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

COYLE (FAC 1) AND SEA ISLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL - ATC REQUEST.
210 KIAS PATTERN AT THE REQUEST OF ATC OPERATIONALLY NECESSARY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q439					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320		1			(US)
EN ROUTE	T358					(US)
EN ROUTE	V139	1, 2				(US)
EN ROUTE	V268	1, 2				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 22-AEA-21
FIX USE: ADDED T287
ADDED PAT 1 AND ASSOCIATED NOTES.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** JOSEPH ZEDER

APPROVED BY: **DATE:** 07/11/2024 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MANTA **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 395407.01N/0733231.63W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: 22-AEA-21 **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	HAMPTON	HTO	VORTAC	H	236.04	223.04		82.90	7000	45000
2	ROBBINSVILLE	RBV	VORTAC	H	122.00	112.00	47.46	47.46	5000	45000
3	SEA ISLE	SIE	VORTAC	VH	059.00	050.00	75.84	75.84	12000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RBV	VORTAC	R-122	48	5000	14800
SIE	VORTAC	R-059	76	12000	14600

FIX RESTRICTIONS:

MCA V268 12000 SOUTHWEST BOUND
MCA V139 12000 SOUTHWEST BOUND

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

REMARKS:

HAMPTON (FAC 1) AND ROBBINSVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL - ATC REQUEST.
7/31/2020: ATC REQUESTS FIX MAKE-UP REMAIN UNCHANGED FOR CHARTING PURPOSES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	MANTA (RNAV)			KWRI	WRIGHTSTOWN	NJ (US)
EN ROUTE	Q439					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320					(US)
EN ROUTE	T358					(US)
EN ROUTE	T438					(US)
EN ROUTE	V139	1, 2, 3				(US)
EN ROUTE	V268	1, 2, 3				(US)
EN ROUTE	V276	1, 2, 3				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED "23-AEA-2" TO "22-AEA-21"
FIX USE: ADDED T287

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** GALE SHELTON

APPROVED BY: **DATE:** 07/11/2024 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PLUME **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 400706.67N/0731708.03W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 22-AEA-21 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	HAMPTON	HTO	VORTAC	H	236.04	223.04	65.34	65.34		4000	45000
2	KENNEDY	JFK	VOR/DME	H	156.00	144.00		38.04		3500	45000

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

REMARKS:

HAMPTON (FAC 1) AND KENNEDY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 CHART ON SECTIONAL - ATC REQUEST.
 7/31/2020: ATC REQUESTS FIX MAKE-UP REMAIN UNCHANGED FOR CHARTING PURPOSES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q439					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320					(US)
EN ROUTE	T358					(US)
EN ROUTE	V139		1, 2			(US)
EN ROUTE	V268		1, 2			(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED "23-AEA-2: TO "22-AEA-21"
 FIX USE: ADDED T287

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** GALE SHELTON
APPROVED BY: **DATE:** 07/11/2024 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL
SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RADDS **STATE:** DE **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 383854.80N/0750518.48W **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 FAC NM	FEET	MRA	MAA
1	SEA ISLE	SIE	VORTAC	VH	215.84	206.84	30.00	30.00		2500	45000

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q439					(US)
EN ROUTE	T307					(US)
EN ROUTE	V139	1				(US)
IAP	RNAV (GPS) RWY 1			KWWD	WILDWOOD	NJ (US)
STAR	JIIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	WAALK (RNAV)			KBLM	BELMAR/FARMINGDALE	NJ (US)
STAR	WAALK (RNAV)			KNEL	LAKEHURST	NJ (US)
STAR	WAALK (RNAV)			N14	LUMBERTON	NJ (US)
STAR	WAALK (RNAV)			KVAY	MOUNT HOLLY	NJ (US)
STAR	WAALK (RNAV)			N87	ROBBINSVILLE	NJ (US)
STAR	WAALK (RNAV)			KMJX	TOMS RIVER	NJ (US)
STAR	JIIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	WAALK (RNAV)			KWRI	WRIGHTSTOWN	NJ (US)
STAR	JIIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 02/20/2025

REASON FOR REVISION:

DELETED AIRSPACE DOCKET 23-AEA-10.
DELETED STAR CEDAR LAKE FOR KPHL, KILG, KMQS, KPNE AND KTTN FROM FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** HOPE DENTON

APPROVED BY: **DATE:** 02/20/2025 **OFFICE:** AJV-A432 **NAME:** JOSEPH ZEDER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RIFLE **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 404124.18N/0723454.89W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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

REMARKS:
CONTROLLER LOW PER ATC REQUEST.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
EN ROUTE	Q167					(US)
EN ROUTE	Q220					(US)
EN ROUTE	Q430					(US)
EN ROUTE	Q439					(US)
STAR	OOSHN (RNAV)			KBOS	BOSTON	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 04/17/2025

REASON FOR REVISION:
REMOVED: DEEPO (RNAV) STAR FROM FIX USE

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A33 **NAME:** NICHOLAS HEIDERSTADT

APPROVED BY: **DATE:** 03/13/2025 **OFFICE:** AJV-A33 **NAME:** JOHN BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SARDI **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 403126.61N/0724755.87W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 22-AEA-21 **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	HAMPTON	HTO	VORTAC	H	236.04	223.04	32.32	32.32	4000	45000
2	KENNEDY	JFK	VOR/DME	H	110.03	098.03		44.94	2500	45000
3	CALVERTON	CCC	VOR/DME	L	193.00	180.00	24.32	24.32	2500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JFK	VOR/DME	R-110	45	2500	14600

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	SW	HTO	VORTAC	236.04	056.04	R	1	4000 12000	6 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	403306.69N/0724953.28W	236	4D
1	230	SHIP	403306.69N/0724953.28W	236	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HAMPTON (FAC 1) AND KENNEDY (FAC 2) AND CALVERTON (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 CHART HOLD PAT 1 ON ENROUTE LOW.
 CHART ON SECTIONAL - ATC REQUEST.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-106B.
 7/31/2020: ATC REQUESTS FIX MAKE-UP AND HOLDING PAT 1 REMAIN UNCHANGED FOR CHARTING PURPOSES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LONG ISLAND			KISP	NEW YORK	NY (US)
EN ROUTE	Q439					(US)
EN ROUTE	T287					(US)
EN ROUTE	T320					(US)
EN ROUTE	T358					(US)
EN ROUTE	V139		1, 2			(US)
EN ROUTE	V268		1, 2			(US)
EN ROUTE	V91		1, 2			(US)
IAP	RNAV (GPS) RWY 6			KFOK	WESTHAMPTON BEACH	NY (US)
STAR	DEER PARK			KBDL	WINDSOR LOCKS	CT (US)
STAR	DEER PARK			KCEF	SPRINGFIELD/CHICOPEE	MA (US)
STAR	DEER PARK			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
STAR	RICED		1, 2	KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 07/11/2024

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED "23-AEA-2 TO "22-AEA-21"
 FIX USE: T287

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** GALE SHELTON
APPROVED BY: **DATE:** 07/11/2024 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL
SIGNATURE: