

# RADIO FIX AND HOLDING DATA RECORD

NAME: ECOIL

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394958.45N/0741406.07W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-4

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
EN ROUTE

USE TITLE  
Q481

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: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Jan 27, 2025

QUALITY  
32  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JAMIE

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 373620.58N/0755748.81W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-4

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	SALISBURY	SBY	VORTAC	L	218.01	206.01	49.24	49.24	2000	17500
2	HARCUM	HCM	VORTAC	L	082.00	075.00	36.91	36.91	2000	17500
3	CAPE CHARLES	CCV	VORTAC	L	016.00	006.00	15.56	15.56	2000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SBY	VORTAC	R-218	50	2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

HARCUM (FAC 2) AND CAPE CHARLES (FAC 3) USED TO ESTABLISH FIX COORDINATES.  
SECTIONAL CHARTING PER ATC REQUEST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
EN ROUTE	Q133					(US)
EN ROUTE	Q481					(US)
EN ROUTE	T303					(US)
EN ROUTE	V1	1, 2, 3				(US)
STAR	TAQLE (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 06/12/2025

## REASON FOR REVISION:

AIRSPACE DOCKET: ADDED DOCKET NUMBER 24-AEA-4.  
FIX USE: ADDED EN ROUTE Q481.AND Q133

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Jan 27, 2025

QUALITY  
32  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LEEAH

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391539.27N/0745711.01W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-4

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	WATERLOO	ATR	VOR/DME	L	032.98	023.98	29.61	29.61	1800	17500
2	SMYRNA	ENO	VORTAC	L	095.00	086.00	26.30	26.30	1800	17500
3	WOODSTOWN	OOD	VORTAC	L	154.01	144.01	27.76	27.76	3000	17500
4	ATLANTIC CITY	ACY	VORTAC	L	246.43	236.43		21.07	2000	17500
5	SEA ISLE	SIE	VORTAC	VH	333.35	324.35		12.21	3000	17500
6	COYLE	CYN	VORTAC	H	226.13	216.13		41.21	1800	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CYN	VORTAC	R-226	42	1800	14800

## HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE		WP	046.00	226.00	R	4	2000	6000	4	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000694)	392233.00N/0745746.00W	304	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

WATERLOO (FAC 1) AND SMYRNA (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
SECTIONAL ADDED PER ATC REQUEST  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH	1, 2, 3, 4, 6		KMIV	MILLVILLE	NJ (US)
EN ROUTE	Q133					(US)
EN ROUTE	T303					(US)
EN ROUTE	T307					(US)
EN ROUTE	T315					(US)
EN ROUTE	T358					(US)
EN ROUTE	V1	1, 2, 3, 5, 6				(US)
EN ROUTE	V166	1, 2, 3, 4, 5, 6				(US)
EN ROUTE	V229	2, 3, 4, 5				(US)
EN ROUTE	V268	1, 2, 6				(US)
IAP	RNAV (GPS) RWY 27			33N	DOVER/CHESWOLD	DE (US)
IAP	VOR-B	1, 2, 4, 5, 6		19N	BERLIN	NJ (US)
IAP	RNAV (GPS) RWY 1		1	KOBI	WOODBINE	NJ (US)
IAP	RNAV (GPS) RWY 19		1	KOBI	WOODBINE	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 06/12/2025

## REASON FOR REVISION:

AIRSPACE DOCKET: ADDED DOCKET NUMBER 24-AEA-4.  
FIX USE: REMOVED EN ROUTE Q481.  
FIX MAKE-UP FACILITIES: CHANGED FAC 6 MAA FROM 14800 TO 17500.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL



**SIGNATURE:**

*Digitally signed by*  
**ALLAN WILL**  
Jan 27, 2025

QUALITY  
32  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SOSBY

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391524.74N/0745530.57W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-4

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
EN ROUTE

USE TITLE  
Q481

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: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Jan 27, 2025

QUALITY  
32  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: YEELO

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393603.01N/0743105.86W

TYPE: WP

AIRSPACE DOCKET: 24-AEA-4

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
EN ROUTE

USE TITLE  
Q481

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: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Jan 27, 2025

QUALITY  
32  
CHECKED