

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:

Digitally signed by
CASIMIR L TABAKA

Nov 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: CEDAR LAKE VOR/DME

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393215.62N/0745801.72W

TYPE:

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							33000

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	SW	VCN	VOR/DME	226.00	046.00	L	1		8000	14000	6	8
2	NE	VCN	VOR/DME	038.00	218.00	R	1		2000	4000	4	4
3	S	VCN	VOR/DME	193.00	013.00	R	1		2000	4000	4	4
4	SW	VCN	VOR/DME	241.00	061.00	R	1		2000	4000	4	4
5	NE	VCN	WP	038.00	218.00	R		4	2000	4000	4	5
6	NE	VCN	VOR/DME	035.65	215.65	R	1		2000	4000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (34-000253)	393506.20N/0750244.37W	434	1A
2	200	TOWER (34-000253)	393506.20N/0750244.37W	434	1A
3	200	TOWER (34-000654)	392512.00N/0745707.00W	376	5D
4	200	TOWER (34-000132)	392953.00N/0750430.00W	433	5D
5	200	TOWER (34-000253)	393506.20N/0750244.37W	434	1A
6	200	TOWER (34-000253)	393506.20N/0750244.37W	434	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

CHART HOLD PATTERN 1 ON LOW ENROUTE CHART.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAGVAR: 10W/1980

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	V16					(US)
EN ROUTE	V184					(US)
EN ROUTE	V284					(US)
EN ROUTE	V577					(US)
IAP	COPTER ILS OR LOC/DME RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC/DME RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS Z OR LOC Z RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (GPS) RWY 22			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (RNP) Z RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 4			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (GPS) RWY 5			19N	BERLIN	NJ (US)
IAP	VOR-B		3	19N	BERLIN	NJ (US)
IAP	RNAV (GPS) RWY 3			N81	HAMMONTON	NJ (US)
IAP	VOR-B		4	N81	HAMMONTON	NJ (US)
IAP	ILS OR LOC RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 32			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 14			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 28			KMIV	MILLVILLE	NJ (US)
IAP	VOR-A			KMIV	MILLVILLE	NJ (US)
IAP	LOC RWY 19			KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 19			KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 19			KOBI	WOODBINE	NJ (US)
IAP	VOR-A			KOBI	WOODBINE	NJ (US)
IAP	ILS Z OR LOC RWY 17			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: 30

DATE OF REVISION: 02/20/2025

QUALITY
10
CHECKED

REASON FOR REVISION:

DELETED STAR CEDAR LAKE FOR KPHL, KPNE, KTTN AND KMQS FROM FIX USE.

ADDED KMIV: ILS OR LOC RWY 10, RNAV (GPS) RWY 32, RNAV (GPS) RWY 14, RNAV (GPS) RWY 28 AND VOR-A TO 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:**

Digitally signed by
CASIMIR L TABAKA
Nov 25, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: RADD5

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:

Digitally signed by
CASIMIR L TABAKA

Nov 25, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEA ISLE VORTAC

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390543.83N/0744801.24W

TYPE:

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						45000

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	NE	SIE	VORTAC	055.66	235.66	R	1	1800 7000	4 8
2	SW		WP	231.51	051.51	R	4	2000 7000	4 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000142)	390747.79N/0744716.08W	481	4D
2	200	TOWER (34-000067)	385658.47N/0745201.04W	630	1D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAGVAR: 9W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SEA ISLE			KDOV	DOVER	DE (US)
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
EN ROUTE	B24					(US)
EN ROUTE	Q108					(US)
EN ROUTE	V139					(US)
EN ROUTE	V166					(US)
EN ROUTE	V284					(US)
EN ROUTE	V44					(US)
IAP	RNAV (GPS) Y RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (RNP) Z RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 4			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (GPS) RWY 28			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 32			KMIV	MILLVILLE	NJ (US)
IAP	GPS RWY 6		2	26N	OCEAN CITY	NJ (US)
IAP	LOC RWY 19		1	KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 10		2	KWWD	WILDWOOD	NJ (US)
IAP	VOR-A		1	KWWD	WILDWOOD	NJ (US)
STAR	CAMRN			KFRG	FARMINGDALE	NY (US)
STAR	CAMRN			KJFK	NEW YORK	NY (US)
STAR	BOUNO			KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 25

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

DELETED KACY VOR/DME RWY 22 FROM FIX USE.
DELETED STAR CEDAR LAKE FOR KPHL, KILG, KMQS, KPNE AND KTTN FROM FIX USE.
DELETED AIRSPACE DOCKET 23-ASO-15.

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:

Digitally signed by
CASIMIR L TABAKA
Nov 25, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOODSTOWN VORTAC

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393809.88N/0751811.00W

TYPE:

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	WOODSTOWN	OOD	VORTAC	L						45000

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	OOD	VORTAC	212.28	032.28	L	1	2100 8000	4 8
2	SW		WP	212.28	032.28	L	4	2100 8000	5 9
3	SW		WP	214.28	034.28	L	4	3000 8000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000514)	394143.35N/0751753.48W	1055	1A
2	200	TOWER (34-000514)	394143.35N/0751753.48W	1055	1A
3	200	TOWER (34-000514)	394143.35N/0751753.48W	1055	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ASSIGNED FACILITY MAGVAR: 10W (1980).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
RADIALS USED FOR FIXES UP TO 45000 ESVS ON FILE.
CHART SUBDUED ON EN ROUTE HIGH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	V123					(US)
EN ROUTE	V166					(US)
EN ROUTE	V184					(US)
EN ROUTE	V312					(US)
EN ROUTE	V469					(US)
IAP	ILS OR LOC RWY 1			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS) RWY 1			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS) RWY 27			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS) RWY 9			KILG	WILMINGTON	DE (US)
IAP	VOR RWY 27			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS)-B			58M	ELKTON	MD (US)
IAP	RNAV (GPS) RWY 5			19N	BERLIN	NJ (US)
IAP	VOR-B			19N	BERLIN	NJ (US)
IAP	ILS OR LOC RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 14			KMIV	MILLVILLE	NJ (US)
IAP	VOR-A			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 8			KVAY	MOUNT HOLLY	NJ (US)
IAP	ILS OR LOC RWY 26			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27L			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 9L			KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27L (SA CAT II)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I AND II)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 9L (SA CAT II)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17 (CONVERGING)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 9R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 9R (CONVERGING)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC Z RWY 9R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z RWY 9R (CAT II AND III)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z RWY 9R (SA CAT I)		1	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) Y RWY 9L			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) Y RWY 9R			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (RNP) Z RWY 9L			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (RNP) Z RWY 9R			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 33			KPNE	PHILADELPHIA	PA (US)

QUALITY
10
CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 31

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

DELETED STAR CEDAR LAKE FOR KPHL, KILG, KMQS, KPNE AND KTTN FROM FIX USE.

DELETED DUPLICATED ENTRY: KPHL ILS OR LOC RWY 27L 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:

Digitally signed by
CASIMIR L TABAKA
Nov 25, 2024

