

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 392446.50N/0753310.10W **TYPE:** WP, RADAR, 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	SMYRNA	ENO	VORTAC	L	000.04	351.04	11.00	11.00		1800	17500
2	CEDAR LAKE	VCN	VOR/DME	L	264.82	254.82		28.22		1800	17500

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

**REMARKS:**

SMYRNA (FAC 1) AND CEDAR LAKE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V29					(US)
IAP	RNAV (GPS) RWY 27			33N	DOVER/CHESWOLD	DE (US)
IAP	RNAV (GPS) RWY 9			33N	DOVER/CHESWOLD	DE (US)
IAP	RNAV (GPS) Z RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	ILS OR LOC RWY 1			KILG	WILMINGTON	DE (US)
IAP	RNAV (GPS) RWY 7			7N7	PEDRICKTOWN	NJ (US)

**REQUIRED CHARTING:** IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 12 **DATE OF REVISION:** 10/07/2021

**REASON FOR REVISION:**

UPDATED FIX USE, CHANGED IAP AT KEVY FROM RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35.  
 UPDATED REQUIRED CHARTING, ADDED CONTROLLER LOW.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A422 **NAME:** HEIDI SNIDER

**APPROVED BY:** **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:** *Digitally signed by*

**JOHN BORDY**

**DISTRIBUTION:** NFDC  
 FPO: EST Jul 29, 2021  
 ARTCC: ZDC  
 ATC FACILITY: PHL APP CON  
 OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: EPKAW

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394132.71N/0754648.80W

TYPE: WP

AIRSPACE DOCKET:

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	S		WP	174.97	354.97	L		4	2000	6000	4	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-001021)	394202.55N/0755053.71W	719	2D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17		1	KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Z RWY 35		1	KEVY	MIDDLETOWN	DE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/07/2021

## REASON FOR REVISION:

UPDATED FIX USE, CHANGED RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**JOHN BORDY**

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZDC  
ATC FACILITY: PHL APP CON  
OTHER:

Jul 29, 2021



# RADIO FIX AND HOLDING DATA RECORD

NAME: IYBAY

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392844.39N/0754221.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) Z RWY 35

FAC

PAT

AIRPORT IDENT  
KEYV

CITY  
MIDDLETOWN

STATE  
DE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED FIX USE, CHANGED RNAV (GPS) RWY 35 TO RNAV (GPS) Y RWY 35.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**JOHN BORDY**

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZDC  
ATC FACILITY: PHL APP CON  
OTHER:  
Jul 29, 2021

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JIPKE

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392601.56N/0754125.57W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) Z RWY 35

FAC

PAT

AIRPORT IDENT  
KEVY

CITY  
MIDDLETOWN

STATE  
DE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED FIX USE, CHANGED RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35.  
UPDATED FIX COORDINATES, MOVED 588 FT SOUTH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**JOHN BORDY**

Jul 29, 2021

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: PHL APP CON

OTHER:

QUALITY  
10  
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: 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

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ENO	VORTAC	R-226	40	18000	45000
ENO	VORTAC	R-044	50	18000	33000

## FIX RESTRICTIONS:

J191 MAA FL330 NORTHEAST BOUND 1100-0300Z

## 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	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)	391202.00N/0753352.00W	433	4D
2	230	TOWER (10-000007)	391202.00N/0753352.00W	433	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	HIGH CHART		3			(US)
EN ROUTE	J191					(US)
EN ROUTE	Q127					(US)
EN ROUTE	T358					(US)
EN ROUTE	V157					(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	LDA 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	ILS OR LOC RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 10			KMIV	MILLVILLE	NJ (US)

QUALITY  
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CHECKED

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	SMYRNA	KDOV	DOVER	DE (US)
STAR	ARLFT (RNAV)	33N	DOVER/CHESWOLD	DE (US)
STAR	ARLFT (RNAV)	KILG	WILMINGTON	DE (US)
STAR	RIPKN	KBWI	BALTIMORE	MD (US)
STAR	RIPKN	KMTN	BALTIMORE	MD (US)
STAR	RIPKN	KDMW	WESTMINSTER	MD (US)
STAR	KORRY	KLGA	NEW YORK	NY (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:** 26

**DATE OF REVISION:** 10/07/2021

**REASON FOR REVISION:**

UPDATED FIX USE, CHANGED RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35, ADDED IAP, RNAV (GPS) Y RWY 35 AT KEVY.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A422                      **NAME:** HEIDI SNIDER

**APPROVED BY:**                      **DATE:**                      **OFFICE:** AJV-A420                      **NAME:** MARLON ROBINSON

*Digitally signed by*

**SIGNATURE:**                      **JOHN BORDY**

Jul 29, 2021

**DISTRIBUTION:**                      **NFDC**  
**FPO:** EST  
**ARTCC:** ZDC, ZNY  
**ATC FACILITY:** DCA TOWER, DOV RAPCON  
**OTHER:** NYC APP CON, PTC APP CON



# RADIO FIX AND HOLDING DATA RECORD

NAME: TACKS

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391721.99N/0754957.67W

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	WOODSTOWN	OOD	VORTAC	L	240.00	230.00	32.21	32.21		2000	17500
2	SMYRNA	ENO	VORTAC	L	292.31	283.31		15.16		2000	17500

## FIX RESTRICTIONS:

MCA V123 7000 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

WOODSTOWN (FAC 1) AND SMYRNA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V123					DE (US)
EN ROUTE	V312					DE (US)
IAP	RNAV (GPS) RWY 27			33N	DOVER/CHESWOLD	DE (US)
IAP	RNAV (GPS) Z RWY 35			KEYV	MIDDLETOWN	DE (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/07/2021

## REASON FOR REVISION:

UPDATED FIX USE, CHANGED RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35 AT KEYV.  
UPDATED REQUIRED CHARTING, FROM CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by

JOHN BORDY

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZNY, ZDC

ATC FACILITY: DOV RAPCON

OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WENDS

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392013.38N/0753925.33W

TYPE: WP

AIRSPACE DOCKET:

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 LENGTH TIME DME	HOLDING MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	S		WP	175.01	355.01	L	4	2000	6000	4 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPD	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (10-000109)	391610.00N/0753457.00W	397	2D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID ILG AND DOV TRAFFIC

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17		1	KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Y RWY 35		1	KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Z RWY 35		1	KEVY	MIDDLETOWN	DE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 10/07/2021

## REASON FOR REVISION:

UPDATED FIX USE, CHANGED RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35, ADDED IAP, RNAV (GPS) Y RWY 35 AT KEVY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**JOHN BORDY**

DISTRIBUTION:

NFDC

Jul 29, 2021

FPO: EST

ARTCC: ZDC

ATC FACILITY: PHL APP CON

OTHER:

QUALITY  
10  
CHECKED