

RADIO FIX AND HOLDING DATA RECORD

NAME: MRINA

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393423.11N/0755200.98W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SMYRNA	ENO	VORTAC	L	330.54	321.54	26.18	26.18		720	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR/DME-A			58M	ELKTON	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/18/2014

REASON FOR REVISION:

UPDATED LAT/LONG, MOVED FIX 13.72 FEET SW.
FAC 1 ADDED 26.18 NM DIST AND MRA CHANGED FROM 580 TO 720.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/18/2014

OFFICE: AJV-352

NAME: JACOB POWERS (JOHN THORNTON)

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: PHL APP CON

OTHER: DOV APP CON

Feb 23, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RANRE

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392625.61N/0754348.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE		WP	153.40	333.40	L	4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (10-020325)	391907.30N/0753633.50W	336	5E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-B		1	58M	ELKTON	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

REMOVED 58M VOR-A FROM FIX USE
REMOVED HOLDING PAT 1 ENO VORTAC AND ASSOICIATED NOTES
REMOVED FAC 1 ENO VORTAC
REMOVED DME FROM FIX TYPE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ROSE BOONE-WALT

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Feb 23, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SWIMN

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393020.21N/0754750.01W

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)-B

FAC

PAT

AIRPORT IDENT
58M

CITY
ELKTON

STATE
MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

REMOVED 58M VOR-A FROM FIX USE
REMOVED FAC 1 ENO VORTAC
REMOVED DME FROM FIX TYPE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ROSE BOONE-WALT

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by
JASON KRETSCHMER
Feb 23, 2023

QUALITY
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RADIO FIX AND HOLDING DATA RECORD

NAME: UKIEY

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392326.51N/0754044.03W

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 NM	FAC FEET	MRA	MAA
1	SMYRNA	ENO	VORTAC	L	330.54	321.54	12.18	12.18		2000	17500
2	WOODSTOWN	OOD	VORTAC	L	240.00	230.00		22.82		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V123	1, 2				(US)
EN ROUTE	V312	1, 2				(US)
IAP	RNAV (GPS)-B			58M	ELKTON	MD (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

REMOVED K58M VOR-A FROM FIX USE
CHANGED CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ROSE BOONE-WALT

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

Feb 23, 2023

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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						17500

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	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 FACILTY MAGVAR: 10W (1980).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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	V123					(US)
EN ROUTE	V157					(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		2	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	VOR OR GPS RWY 9		1	17N	CROSS KEYS	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		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27L (SA CAT II)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I & 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 (CONVERGING)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 17		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 9R		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z RWY 9R (CAT II & III)		1	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z RWY 9R (SA CAT I)		1	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 27L		3	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) Y RWY 9R		3	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (RNP) Z RWY 9L		3	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (RNP) Z RWY 9R		3	KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 33			KPNE	PHILADELPHIA	PA (US)
STAR	CEDAR LAKE			KILG	WILMINGTON	DE (US)

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STAR	CEDAR LAKE	KTTN	TRENTON	NJ (US)
STAR	KORRY	KLGA	NEW YORK	NY (US)
STAR	CEDAR LAKE	KMQS	COATESVILLE	PA (US)
STAR	CEDAR LAKE	KPHL	PHILADELPHIA	PA (US)
STAR	CEDAR LAKE	KPNE	PHILADELPHIA	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

REMOVED 58M VOR/DME-A FROM FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ROSE BOONE-WALT

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A421

NAME: JASON KRETSCHMER

SIGNATURE:

Digitally signed by

JASON KRETSCHMER

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