

RADIO FIX AND HOLDING DATA RECORD

NAME: CUSKA

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414837.56N/0712113.46W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	PROVIDENCE	I-ARJ	LOC/DME		047.17	032.17	5.55	7.02	42644	1900	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME ANTENNA 414357.29N/0712513.38W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1		KPVD	PROVIDENCE	RI (US)
IAP	RNAV (GPS) Y RWY 23			KPVD	PROVIDENCE	RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

FIX MOVED 1.01 FT SOUTH, BASED ON IPDS CALCULATED LOCATION.
UPDATED FIX LAT/LONG.

DEVELOPED BY:

DATE: 01/05/2016

OFFICE: AJV-5412

NAME: GEORGETTE BARNETT

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PVD ATCT
OTHER: PVD APP CON

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: FEDED

STATE: MA

COUNTRY: US

LATITUDE/LONGITUDE: 415424.50N/0711620.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (GPS) Y RWY 23
RNAV (RNP) Z RWY 23

FAC PAT

AIRPORT IDENT
KPVD
KPVD

CITY
PROVIDENCE
PROVIDENCE

STATE
RI (US)
RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/20/2011

REASON FOR REVISION:

FIX MOVED 1.91 NM NORTHEAST.
UPDATED FIX LAT/LONG.
DELETED FAC 1 (KPVD R23) INFORMATION.
UPDATED FIX USE INFORMATION.

DEVELOPED BY:

DATE: 03/01/2011

OFFICE: AJV-352

NAME: GEORGETTE BARNETT

APPROVED BY:

DATE: 08/23/2011

OFFICE: AJV-352

NAME: DONALD SMITH

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PVD APP CON
OTHER:

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FOSTY

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 415035.46N/0713831.34W

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	NORTH KINGSTOWN	I-OQU	LOC/DME		340.00	325.00	18.59	18.58		2500	4500
2	NORWICH	ORW	VOR/DME	L	056.92	042.92	23.53	23.53		2500	17500
3	PUTNAM	PUT	VOR/DME	H	140.57	126.57	11.28	11.28		3000	17500
4	PROVIDENCE	PVD	VORTAC	H	320.85	306.85	11.90	11.90		2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-OQU	LOC/DME	R-325	19	2200	4500

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	ORW	VOR/DME	056.92	056.92	L	1-1 1/2	2500 17500	5 17
2	SW	WP	WP	237.00	057.00	L	4	2500 17500	5 17
3	NW	PUT	VOR/DME	140.57	140.57	L	1	2500 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (44-000083)	415032.00N/0714011.00W	1069	5D
2	200	TOWER (44-000083)	415032.00N/0714011.00W	1069	5D
3	200	TOWER (44-000083)	415032.00N/0714011.00W	1069	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 AIRWAY SEPARATION
PAT 1 AIRWAY SEPARATION
PAT 3 AIRWAY SEPARATION

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NORWICH (FAC 2) AND PUTNAM (FAC 3) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
I-OQU DME COORDINATES: 413520.15N-0712419.93W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V146	3, 4				(US)
EN ROUTE	V151	3, 4				(US)
EN ROUTE	V16	2, 3	1			(US)
EN ROUTE	V3	2, 3				(US)
EN ROUTE	V405	3, 4				(US)
IAP	ILS OR LOC RWY 16			KOQU	NORTH KINGSTOWN	RI (US)
IAP	RNAV (GPS) RWY 16			KOQU	NORTH KINGSTOWN	RI (US)
IAP	RNAV (GPS) RWY 34		2	KOQU	NORTH KINGSTOWN	RI (US)
IAP	LOC RWY 5	2, 3	1	KSFZ	PAWTUCKET	RI (US)
IAP	LOC RWY 5 (ALT MISSED)	3	3	KSFZ	PAWTUCKET	RI (US)
IAP	RNAV (GPS) RWY 5		2	KSFZ	PAWTUCKET	RI (US)
IAP	VOR-A	2, 3	1	KSFZ	PAWTUCKET	RI (US)
IAP	VOR-B	2, 3	1	KSFZ	PAWTUCKET	RI (US)
IAP	ILS OR LOC RWY 23	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	ILS OR LOC RWY 5	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	ILS OR LOC/DME RWY 34	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	ILS RWY 23 (SA CAT I & II)	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	ILS RWY 5 (CAT II & III)	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	RNAV (GPS) RWY 16			KPVD	PROVIDENCE	RI (US)
IAP	RNAV (GPS) RWY 34		2	KPVD	PROVIDENCE	RI (US)
IAP	RNAV (GPS) RWY 5		2	KPVD	PROVIDENCE	RI (US)
IAP	RNAV (GPS) Y RWY 23		2	KPVD	PROVIDENCE	RI (US)
IAP	RNAV (RNP) Z RWY 23		2	KPVD	PROVIDENCE	RI (US)
IAP	VOR RWY 34	2, 3, 4	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR RWY 5	2, 4	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR/DME RWY 16	2, 4	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR/DME RWY 23	2, 4	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR/DME RWY 34	2, 4	1	KPVD	PROVIDENCE	RI (US)
STAR	OOSH (RNAV)			KBOS	BOSTON	MA (US)
STAR	WOONS	2, 3, 4		KBOS	BOSTON	MA (US)
STAR	SCOGS (RNAV)			KPWM	PORTLAND	ME (US)

QUALITY
22
CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/07/2016

OFFICE: AJV-5412

NAME: GEORGETTE BARNETT

APPROVED BY: **DATE:**

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: EST
 ARTCC: ZBW
 ATC FACILITY: PVD APP CON
 OTHER:

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: HOPTU

STATE: MA

COUNTRY: US

LATITUDE/LONGITUDE: 414651.37N/0710209.65W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	PROVIDENCE	PVD	VORTAC	H	093.00	079.00	18.00	18.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V151	1				(US)
IAP	RNAV (GPS) RWY 6			KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) Y RWY 23			KPVD	PROVIDENCE	RI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/20/2011

REASON FOR REVISION:

REMOVED WP FROM FIX TYPE.
ADDED NM DISTANCE FOR PVD VORTAC (FAC 1).
DELETED FAC 2 (FEDED) INFORMATION.
UPDATED FIX USE INFORMATION.

DEVELOPED BY: DATE: 03/01/2011

OFFICE: AJV-352

NAME: GEORGETTE BARNETT

APPROVED BY: DATE: 08/23/2011

OFFICE: AJV-352

NAME: DONALD SMITH

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PVD APP CON
OTHER:

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KRANN

STATE: MA

COUNTRY: US

LATITUDE/LONGITUDE: 415118.69N/0710724.46W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

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	PROVIDENCE	PVD	VORTAC	H	074.17	060.17	15.82	15.82		5000	17500
2	BOSTON	BOS	VOR/DME	H	208.00	192.00		30.71		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PROVIDENCE (FAC 1) AND BOSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES
FAC 2 (BOS) MAG BRG 208.00 IS A FLIGHT INSPECTED VALUE. COMPUTED VALUE IS 207.27.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 23			KPVD	PROVIDENCE	RI (US)
STAR	NORWICH	1, 2		KBOS	BOSTON	MA (US)
STAR	ROBUC (RNAV)			KBOS	BOSTON	MA (US)

REQUIRED CHARTING: STAR, IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

CHANGED FAC 1 NM DIST FROM FAC FROM 15.80 TO 15.82
ADDED IAP TO REQUIRED CHARTING.
UPDATED FIX USE.

DEVELOPED BY:

DATE: 01/06/2016

OFFICE: AJV-5412

NAME: GEORGETTE BARNETT

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON
OTHER: PVD APP CON

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WIVPA

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414510.99N/0712407.25W

TYPE: WP, DME

AIRSPACE DOCKET:

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	PROVIDENCE	I-ARJ	LOC/DME		047.17	032.17	1.48	2.95		500	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1		KPVD	PROVIDENCE	RI (US)
IAP	RNAV (GPS) Y RWY 23			KPVD	PROVIDENCE	RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

FAC 1 MAG/TRUE BRG CHANGED FROM 227.17/212.17 TO 047.17/032.17.

DEVELOPED BY: DATE: 02/12/2016

OFFICE: AJV-5412

NAME: GEORGETTE BARNETT

APPROVED BY: DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

QUALITY
22
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAMEK

STATE: MA

COUNTRY: US

LATITUDE/LONGITUDE: 415039.89N/0710825.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) Y RWY 23

FAC PAT

AIRPORT IDENT CITY
KPVD PROVIDENCE

STATE
RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/20/2011

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: PVD APP CON
OTHER:

QUALITY
22
CHECKED