

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE ROUTINE
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COORDINATED WITH:						
ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <u>ZBW, PVD APP CON, PVD ATCT, EASTERN FPT, AMGR.</u>

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: RONALD SALPINO	FIFO AJV-352	DATE: 04/19/2012

APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES: NEW PROCEDURE.

REASONS: FPT REQUESTED.



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
**RNAV (RNP) - STANDARD,
 INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IDEAR	HSBRO (TF) (FB) (RNP 1.00)	227.23 / 3.00	1400
HHIGH (IF)	NABAH (TF) (FB) (RNP 1.00)	047.17 / 3.60	3900
NABAH	HSBRO (RF) (FB) (RNP 1.00)	(2.55 NM RADIUS CCW CFFGZ) / 8.01	1400
HSBRO (FAF)	RW23 (MAP) (TF) (FO)	227.20 / 4.10	
RW23 (MAP)	WIKIT (TF) (FB) (RNP 1.00)	227.17 / 5.83	
WIKIT	STUFY (RF) ((FB) (RNP 1.00)	(3.50 NM RADIUS CW CFFHC) / 8.90	
STUFY	FOSTY (TF) (FO) (RNP 1.00)	012.84 / 9.97	2500

NOTES, (CONT.):

CHART PLANVIEW NOTE AT COFIE : MAX 210 KIAS.
 CHART PLANVIEW NOTE: RADAR REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO SEABE: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO JEEET: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO HHIGH: RF REQUIRED.
 CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/4.
 CHART NOTE: GPS REQUIRED.

QUALITY
1
CHECKED

CITY AND STATE PROVIDENCE, RI	ELEVATION: 55 THRE: 44	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME: THEODORE FRANCIS GREEN STATE		RNAV (RNP) Z RWY 23, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
---	---------------------------	-------------------------

COORDINATED WITH:						
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>	OTHER (specify) _____

FLIGHT CHECKED BY		
NAME: _____	FIFO	DATE: _____

DEVELOPED BY		
NAME: _____	FIFO	DATE: _____

APPROVED BY		
NAME: _____	FIFO	DATE: _____

CHANGES:

REASONS:

08/15/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/13/2012.
 1. CHANGED PROCEDURE NAME ON PAGE 2 OF 6 FROM RNAV (RNP) Y RWY 23 TO RNAV (RNP) Z RWY 23.

8/15/12
 9

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> OTHER (specify) _____		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:
CHANGES:		
REASONS:		

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> OTHER (specify) _____		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFFPG	DATE:
APPROVED BY		
NAME:	NFFPG	DATE:
CHANGES:		
REASONS:		

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FEDED	FEDED	010		IF		FB					
	FEDED	IDEAR	020		TF		FB	1.0			AA 02300	
	FEDED	HSBRO	030		TF		FB	1.0			AA 01400	
	HHIGH	HHIGH	010		IF		FB				AA 05000	
	HHIGH	NABAH	020		TF		FB	1.0			AA 03900	AB 210
	HHIGH	HSBRO	030		RF	L	FB	1.0		008.0	AA 01400	
	JEEET	JEEET	010		IF		FB					
	JEEET	COFIE	020		TF		FB	1.0			AA 03000	AB 210
	JEEET	HSBRO	030		RF	R	FB	1.0		005.3	AA 01400	
	SEABE	SEABE	010		IF		FB				AA 05000	
	SEABE	NOSUH	020		TF		FB	1.0			AA 03800	AB 210
	SEABE	COFIE	030		RF	R	FB	1.0		002.6	AA 03000	AB 210
	SEABE	HSBRO	040		RF	R	FB	1.0		005.3	AA 01400	
		HSBRO	020	FAF	IF		FB				AA 01400	
		RW23	030	MAP	TF		FO	0.3			AT 00095	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WIKIT	040		TF		FB	1.0				
	STUFY	050		RF	R	FB	1.0		008.9		
	POSTY	060		TF		FO	1.0			AA 02500	
	POSTY	070		HM	L	FO		057.0 (042.0T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CFFGZ	N414556.22	W0711927.58	N4145.937	W07119.460
	CFFHB	N414837.71	W0712510.22	N4148.629	W07125.170
	CFFHC	N414045.24	W0713321.15	N4140.754	W07133.353
	COFIE	N415107.67	W0712507.53	N4151.128	W07125.126
	FEDED	N415424.50	W0711620.74	N4154.408	W07116.346
	POSTY	N415035.46	W0713831.34	N4150.591	W07138.522
	HHIGH	N414131.73	W0711908.27	N4141.529	W07119.138
	HSBRO	N414717.82	W0712220.59	N4147.297	W07122.343
	IDEAR	N414950.20	W0712012.26	N4149.837	W07120.204
	JEEET	N415110.38	W0712946.90	N4151.173	W07129.782
	NABAH	N414434.62	W0711634.63	N4144.577	W07116.577
	NOSUH	N414957.59	W0712759.91	N4149.960	W07127.999
	SEABE	N414644.52	W0713042.26	N4146.742	W07130.704
	STUFY	N414037.20	W0713801.19	N4140.620	W07138.020
	WIKIT	N413853.42	W0712923.94	N4138.890	W07129.399
	RW23	N414349.70	W0712515.54	N4143.828	W07125.259

QUALITY
1
CHECKED

CITY AND STATE PROVIDENCE, RI	ELEVATION: 55	THRE: 44	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: THEODORE FRANCIS GREEN STATE		RNAV	RNAV (RNP) Z RWY 23, ORIG	AMDT: NONE
					DATED:

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> OTHER (specify) _____		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:
CHANGES:		
REASONS:		

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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RUNWAY DATA		THRESHOLD	
	RWY	ELEVATION	TCH
	RW23	00044	51



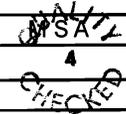
CITY AND STATE PROVIDENCE, RI	ELEVATION: 55 THRE: 44 AIRPORT NAME: THEODORE FRANCIS GREEN STATE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 23, ORIG	SUP:
				AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> OTHER (specify) _____		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:
CHANGES:		
REASONS:		

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE: (RNP 1.00)	SEABE	NOSUH	1. TOWER (44-000002)	414817.00N/0712822.00W	828 (1D)	500	DG2422 AC50	3800
			2. TERRAIN	414757.00N/0713242.00W	516 (500)		AS1500	2000
INTERMEDIATE: STEPDOWN (RNP 1.00)	NOSUH	COFIE	3. COMMUNICATION (KSFZT0988)	415215.29N/0712829.54W	483 (1B)	500	DG2007 AC10	3000
			4. TERRAIN	415209.00N/0712833.00W	355 (400)		AS1500	1900
INTERMEDIATE: STEPDOWN (RNP 1.00)	COFIE	HSBRO	5. TOWER (44-000048)	414939.00N/0712207.00W	585 (1D)	500	DG265 AC50	1400
			6. TERRAIN	415027.00N/0712400.00W	338 (300)		AS1000	1300
INTERMEDIATE: (RNP 1.00)	JEEET	COFIE	7. AAO	415300.00N/0712927.00W	604 (4E)	500	DG1798 AC98	3000
			8. TERRAIN	415300.00N/0712927.00W	404 (400)		AS1500	1900
INTERMEDIATE: (RNP 1.00)	FEDED	IDEAR	9. TOWER (25-000325)	415213.00N/0711743.00W	1149 (4D)	500	DG601 AC50	2300
			10. TERRAIN	415133.00N/0711721.00W	286 (300)		AS1500	1800
INTERMEDIATE: STEPDOWN (RNP 1.00)	IDEAR	HSBRO	5. TOWER (44-000048)	414939.00N/0712207.00W	585 (1D)	500	DG265 AC50	1400
			11. TERRAIN	414845.00N/0711836.00W	201 (200)		AS1000	1200
INTERMEDIATE: (RNP 1.00)	HHIGH	NABAH	12. AAO	414212.00N/0711545.00W	381 (4E)	500	DG2921 AC98	3900
			13. TERRAIN	414212.00N/0711545.00W	381 (400)		AS1500	1900
2. PROCEDURE TURN		NA						
3. MISSED APPROACH	MAP:	DA						
	ELEV:	113						
4. CIRCLING AREA		DISTANCE	HT. ABV. ARPT.					
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL				
CATEGORY B	1.5 NM		450					
CATEGORY C	1.7 NM		450					
CATEGORY D	2.3 NM		550					
CATEGORY E	4.5 NM		550					
5. MINIMUM SAFE ALTITUDES					PRIMARY NAVAID: RW23			
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
360-360	TWR (25-000622)	333/ 26.3	1549 (5D)	2600				
CITY AND STATE		ELEVATION: 55	FACILITY		PROCEDURE AND AMENDMENT NO:		REGION	
PROVIDENCE, RI		AIRPORT NAME: THEODORE FRANCIS GREEN STATE	RNAV		RNAV (RNP) Z RWY 23, ORIG		ANE	



PART B - SUPPLEMENTAL DATA										PART C - REMARKS: MAX SPEED NABAH TO HSBRO - 210 KIAS. MAX SPEED COFIE TO HSBRO - 210 KIAS. MAX SPEED NOSUH TO COFIE - 210 KIAS. ACTUAL HIGH TEMP: 48C (118F) ISA DEVIATION USED: -30C (-22.7F) PARA 251, 34:1 PENETRATION. PRECIPITOUS TERRAIN EVALUATION COMPLETED. SEE ATTACHED AIRSPACE LETTERS. THE FOLLOWING OBSTACLES WERE WITHOUT ACCURACY CODES. OBSTACLES 44-000067, 44-000068, 44-000140, 44-006006, 25-000510, 44-000139, AND 44-006012 ASSIGNED (5D) ACCURACY CODE. PROCEDURE DESIGNED PER ATC REQUEST, WITHOUT IAF DUE TO AIRSPACE CONSTRAINTS/CLASS B AIRSPACE. MANDATORY ALTITUDES REQUIRED BY ATC. SECONDARY WEATHER SOURCE NOT REQUIRED DUE TO 24 HOUR TOWER WITH ALTIMETER READING EQUIPMENT AND NATIONAL WEATHER SERVICE (24HRS). RF TURN RADIUS/BANK ANGLE COMPUTATIONS: SEGMENT: NOSUH - COFIE, ALT: 3896.3', KIAS 210. KTAS: 222.94, HAA: 3841.5, VKTW: 55, TR: 15181.0', BA: 24.81 COFIE - HSBRO, ALT: 3082', KIAS 210. KTAS: 222.94, HAA: 3027.2', VKTW: 50.27, TR: 15181.0', BA: 23.55 RF CENTER POINT: CFFHB 414837.71N / 0712510.22W. SEGMENT: NABAH - HSBRO. ALT 3847, KIAS 210. KTAS: 226.58, HAA: 3792.2, VKTW 55, TR 2.55 NM, BA: 24.40 RF CENTER POINT: CFFHB 414556.22N / 0711927.58W. SEGMENT: WIKIT - STUFY. ALT 2500, KIAS 265. KTAS: 278.25, HAA: 2445.2, VKTW 50, TR 3.50NM, BA: 24.19 RF CENTER POINT: CFFHC 414045.24N/ 0713321.15W. BLOCK 3: ALTIMETER SETTING SOURCE: KPVD DISTANCE: ON AIRPORT ASOS ON SERVICE A. BACK-UP ALTIMETER SOURCE NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES. VGSI DATA: 3.00/45.3 TCH
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE				3. ALTIMETER SETTING			
SATISFACTORY ON:			NWS		OTHER: ASOS		SOURCE:KPVD			
			FAA				DISTANCE:			
			A/C				HOURS REMOTE OPERATION:			
VHF	UHF	HF	LOCATION: KPVD				ADJUSTMENT: 0			
4. MONITOR STATUS	PRIMARY NAVAID:									
	MONITOR POINT:									
	HRS OPTN:	CAT 1								
		CAT 3								
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 05 (PCL)								
		(S) SALS								
	X	MALSR 23 (PCL), 34 (PCL)								
	X	HIRL 16 (PCL), 05 (PCL), 23 (PCL), 34 (PCL)								
		MIRL								
	X	REIL 16								
	X	TDZ 05 (PCL)								
	X	C/L 05 (PCL), 23 (PCL)								
X	OTHER (SPECIFY) VASI-2L 34 VASI-4L 16, 23									
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER PIR-G 16, 05, 23, 34								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH 05, 23, 34								
		MIDFIELD 05								
		ROLL OUT 05								
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD: 44.3				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
		THRESHOLD CROSSING HEIGHT: 51.1								
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD				FT. FROM THRESHOLD			
		X	ON CENTERLINE				FT. FROM CENTERLINE			
10. WAIVERS: NONE										
PART D - PREPARED BY: RONALD SALPINO						DATE: 04/19/2012				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-352				

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE				3. ALTIMETER SETTING				
			N W S	OTHER:			SOURCE:				
			F A A				DISTANCE:				
			A / C				HOURS REMOTE OPERATION:				
SATISFACTORY ON:											
V H F	U H F	H F	LOCATION:				ADJUSTMENT:				
4. MONITOR STATUS	PRIMARY NAVAID:										
	MONITOR POINT:										
	HRS OPTN:	CAT 1									
	CAT 3										
5. APPROACH & RUNWAY LIGHTING	ALS										
	(S) SALS										
	MALS										
	HIRL										
	MIRL										
	REIL										
	TDZ										
	C/LINE										
	OTHER (SPECIFY)										
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
		THRESHOLD CROSSING HEIGHT:									
9. FINAL APPROACH COURSE AIMING		RUNWAY THRESHOLD				FT. FROM THRESHOLD					
		ON CENTERLINE				FT. FROM CENTERLINE					
10. WAIVERS:											
PART D - PREPARED BY:						DATE:					
TITLE:						OFFICE:					

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFGZ

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414556.22N/0711927.58W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC

PAT

AIRPORT IDENT
KPWD

CITY
PROVIDENCE

STATE
RI (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFHB

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414837.71N/0712510.22W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC

PAT

AIRPORT IDENT
KPWD

CITY
PROVIDENCE

STATE
RI (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFHC

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414045.24N/0713321.15W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC PAT AIRPORT IDENT CITY
K PVD K PVD PROVIDENCE

STATE
RI (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
A
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: COFIE

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 415107.67N/0712507.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC

PAT

AIRPORT IDENT
KPWD

CITY
PROVIDENCE

STATE
RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) Y RWY 23

KPVD

PROVIDENCE

RI (US)

IAP

RNAV (RNP) Z RWY 23

KPVD

PROVIDENCE

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:



RADIO FIX AND HOLDING DATA RECORD

NAME: HHIGH

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414131.73N/0711908.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC PAT

AIRPORT IDENT
KPVD

CITY
PROVIDENCE

STATE
RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IDEAR

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414950.20N/0712012.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC

PAT

AIRPORT IDENT
KPV

CITY

PROVIDENCE

STATE
RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: JEEET

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 415110.38N/0712946.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE

IAP

USE TITLE

RNAV (RNP) Z RWY 23

FAC

PAT

AIRPORT IDENT

KPVD

CITY

PROVIDENCE

STATE

RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: PVD APP CON

OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: NABAH

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414434.62N/0711634.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Z 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: 09/20/2012

DEVELOPED BY: **DATE:** 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY: **DATE:**

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: NOSUH

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414957.59N/0712759.91W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 23			KPVD	PROVIDENCE	RI (US)
STAR	WIPOR (RNAV)			KEWB	NEW BEDFORD	MA (US)
STAR	WIPOR (RNAV)			KUUU	NEWPORT	RI (US)
STAR	WIPOR (RNAV)			KOQU	NORTH KINGSTOWN	RI (US)
STAR	WIPOR (RNAV)			KSFZ	PAWTUCKET	RI (US)
STAR	WIPOR (RNAV)			KPVD	PROVIDENCE	RI (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/20/2012

REASON FOR REVISION:

1. FIX MOVED 22 FT EAST FOR RNP PLACEMENT ON THE 2.5 NM ARC.
2. UPDATED FIX USE TO INCLUDE THE KPVD IAP.

DEVELOPED BY:

DATE: 04/12/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYL ADAMS

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: SEABE

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414644.52N/0713042.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 23			KPVD	PROVIDENCE	RI (US)
STAR	WIPOR (RNAV)			KEWB	NEW BEDFORD	MA (US)
STAR	WIPOR (RNAV)			KUUU	NEWPORT	RI (US)
STAR	WIPOR (RNAV)			KOQU	NORTH KINGSTOWN	RI (US)
STAR	WIPOR (RNAV)			KSFZ	PAWTUCKET	RI (US)
STAR	WIPOR (RNAV)			KPVD	PROVIDENCE	RI (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/20/2012

REASON FOR REVISION:

1. FIX MOVED 0.35 NM SOUTHWEST TO ACHIEVE DESCENT GRADIENT.
2. ADDED IAP TO CHART/PUB.
3. UPDATED FIX USE TO INCLUDE THE KPVD IAP.

DEVELOPED BY:

DATE: 04/12/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: STUFY

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 414037.20N/0713801.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 23

FAC PAT AIRPORT IDENT CITY
K PVD KPVD PROVIDENCE

STATE
RI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY:

DATE: 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
&
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WIKIT

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 413853.42N/0712923.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Z 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: 09/20/2012

DEVELOPED BY: **DATE:** 04/23/2012

OFFICE: AJV-352

NAME: RONALD SALPINO

APPROVED BY: **DATE:**

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: FOSTY

STATE: RI

COUNTRY: US

LATITUDE/LONGITUDE: 415035.46N/0713831.34W

TYPE: WP, INT, DME

INFO ONLY

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	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: MODIFY

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	236.92	056.92	L	1-1 1/2	2500 17500	5 17
2	SW	PUT	WP	237.00	057.00	L	4	2500 17500	5 17
3	NW	PUT	VOR/DME	320.57	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	1070	5D
2	200	TOWER (44-000083)	415032.00N/0714011.00W	1070	5D
3	200	TOWER (44-000083)	415032.00N/0714011.00W	1070	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: 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	1			(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 5 (CAT II)	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	ILS RWY 5 (CAT 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	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR RWY 5	2, 3	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR/DME RWY 16	2, 3, 4	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR/DME RWY 23	2, 3, 4	1	KPVD	PROVIDENCE	RI (US)
IAP	VOR/DME RWY 34	2, 3, 4	1	KPVD	PROVIDENCE	RI (US)
STAR	OOSHN (RNAV)			KBOS	BOSTON	MA (US)
STAR	WOONS	2, 3, 4		KBOS	BOSTON	MA (US)
STAR	SCOGS (RNAV)			KPWM	PORTLAND	ME (US)

QUALITY
CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 10/20/2011

REASON FOR REVISION:

ADDED NM DISTANCES FOR FAC'S 1/2/3/4.
CHANGED PATTERN 2 DME LEG LENGTH FROM 5 TO 4.
DELETED FAC 5 (EJUDO) INFORMATION.
UPDATED FIX USE INFORMATION.
ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" TO REMARKS.

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/ PVD
OTHER:



TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **PROVIDENCE**

STATE: **RI**

AIRPORT NAME: **THEODORE FRANCIS GREEN STATE**

ID: **KPVD**

PROCEDURE: **RNAV (RNP) Z RWY 23**

AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

- | | | | |
|--|---|--------------------------------|---|
| 1. Distance from | <u> THLD </u> | to 1000' point | <u> 3.15 </u> |
| | <small>(Enter THLD, FAF, ARP, FACILITY, as appropriate)</small> | | |
| 2. Width of | <u> FINAL </u> | segment at 1000' point | <u> 1.20 </u> |
| | <small>(Enter appropriate segment, final, intermediate, etc.)</small> | | |
| 3. True Course of | <u> FINAL </u> | segment containing 1000' point | <u> 212.20 </u> |
| 4. High Terrain in | <u> FINAL </u> | segment containing 1000' point | <u> 125 </u> |
| 5. Distance from | <u> THLD </u> | to 1500' point | <u> 6.79 </u> |
| | <small>(if 1500' point in PT maneuvering area or holding pattern note in remarks)</small> | | |
| 6. Width of | <u> INTERMEDIATE </u> | segment at 1500' point | <u> 4.00 </u> |
| 7. True Course of | <u> INTERMEDIATE </u> | segment containing 1500' point | <u> * </u> |
| 8. High Terrain in | <u> INTERMEDIATE </u> | segment containing 1500' point | <u> 240 </u> |
| 9. Threshold Coordinates (if straight-in) ... | <u> 414349.70N / 0712515.54W </u> | | |
| 10. ARP Coordinates | <u> 414326.40N / 0712541.60W </u> | | |
| 11. Runway Approach End and distance furthest from ARP | RWY | | <u> 5 </u> |
| | Distance | | <u> 0.68 </u> NM |
| 12. FAF Coordinates | <u> 414717.82N / 0712220.59W </u> | | |

REMARKS: Approach/Drawing attached.

***RF SEGMENT COFIE TO HSBRO, RADIUS TURN CENTERPOINT CNF (CFFHB) ARC RADIUS**

2.50 NM (15180.77 FT), THIS IS AIRSPACE LETTER 1 OF 3.

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **PROVIDENCE**

STATE: **RI**

AIRPORT NAME: **THEODORE FRANCIS GREEN STATE**

ID: **KPVD**

PROCEDURE: **RNAV (RNP) Z RWY 23**

AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**

(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

- | | | | |
|-----|---|--|--|
| 1. | Distance from <u> THLD </u> | to 1000' point | <u> 3.15 </u> |
| | <small>(Enter THLD, FAF, ARP, FACILITY, as appropriate)</small> | | |
| 2. | Width of <u> FINAL </u> | segment at 1000' point | <u> 1.20 </u> |
| | <small>(Enter appropriate segment, final, intermediate, etc.)</small> | | |
| 3. | True Course of <u> FINAL </u> | segment containing 1000' point | <u> 212.20 </u> |
| 4. | High Terrain in <u> FINAL </u> | segment containing 1000' point | <u> 125 </u> |
| 5. | Distance from <u> THLD </u> | to 1500' point | <u> 5.90 </u> |
| | <small>(If 1500' point in PT maneuvering area or holding pattern note in remarks)</small> | | |
| 6. | Width of <u> INTERMEDIATE </u> | segment at 1500' point | <u> 4.00 </u> |
| 7. | True Course of <u> INTERMEDIATE </u> | segment containing 1500' point | <u> 212.23 </u> |
| 8. | High Terrain in <u> INTERMEDIATE </u> | segment containing 1500' point | <u> 201 </u> |
| 9. | Threshold Coordinates (if straight-in) ... | <u> 414349.70N / 0712515.54W </u> | |
| 10. | ARP Coordinates | <u> 414326.40N / 0712541.60W </u> | |
| 11. | Runway Approach End and distance furthest from ARP | RWY <u> 5 </u> | |
| | | Distance <u> 0.68 </u> NM | |
| 12. | FAF Coordinates | <u> 414717.82N / 0712220.59W </u> | |

REMARKS: Approach/Drawing attached.

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **PROVIDENCE**

STATE: **RI**

AIRPORT NAME: **THEODORE FRANCIS GREEN STATE**

ID: **KPVD**

PROCEDURE: **RNAV (RNP) Z RWY 23**

AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**

(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from <u> THLD </u> to 1000' point		<u> 3.15 </u>
<small>(Enter THLD, FAF, ARP, FACILITY, as appropriate)</small>		
2. Width of <u> FINAL </u> segment at 1000' point		<u> 1.20 </u>
<small>(Enter appropriate segment, final, intermediate, etc.)</small>		
3. True Course of <u> FINAL </u> segment containing 1000' point		<u> 212.20 </u>
4. High Terrain in <u> FINAL </u> segment containing 1000' point		<u> 125 </u>
5. Distance from <u> THLD </u> to 1500' point		<u> 6.79 </u>
<small>(If 1500' point in PT maneuvering area or holding pattern note in remarks)</small>		
6. Width of <u> INTERMEDIATE </u> segment at 1500' point		<u> 4.00 </u>
7. True Course of <u> INTERMEDIATE </u> segment containing 1500' point		<u> * </u>
8. High Terrain in <u> INTERMEDIATE </u> segment containing 1500' point		<u> 201 </u>
9. Threshold Coordinates (if straight-in) ...	<u> 414349.70N / 0712515.54W </u>	
10. ARP Coordinates	<u> 414326.40N / 0712541.60W </u>	
11. Runway Approach End and distance furthest from ARP	RWY <u> 5 </u>	
	Distance <u> 0.68 </u> NM	
12. FAF Coordinates	<u> 414717.82N / 0712220.59W </u>	

REMARKS: Approach/Drawing attached.

***RF SEGMENT NABAH TO HSBRO, RADIUS TURN CENTERPOINT CNF (CFFGZ) ARC RADIUS**

2.55 NM, THIS IS AIRSPACE LETTER 3 OF 3.