U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CASVI INT (IF/IAF)	RBV VORTAC (NOPT)	302.00 / 14.93	1700

MISSED APPROACH

MAP: 4.65 MILES AFTER RBV VORTAC OR AT RBV 4.65 DME FIX

CLIMBING RIGHT TURN TO 1700 DIRECT RBV VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 339 AAO 401202N/0743120W
449 AAO 401210N/0742944W
RBV VORTAC TO RW29: 3.13/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD E RBV VORTAC, RT, 288.22 INBOUND, 1700 FT. IN LIEU OF PT (IAF)**
3. FAC **288.22** FAF **RBV VORTAC** DIST FAF TO MAP **4.65** THLD **4.65**
4. MIN. ALT **RBV VORTAC 1700**
8. MSA FROM: **RBV VORTAC 080-260 1800, 260-080 2200**

MAG VAR: **10W** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-29	620	1	504	620	1	504	620	1 3/8	504	620	1 3/8	504			
CIRCLING	680	1	562	680	1	562	680	1 1/2	562	680	2	562			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: USE WRIGHTSTOWN ALTIMETER SETTING.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 118 THRE: 116	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ROBBINSVILLE, NJ	AIRPORT NAME: TRENTON-ROBBINSVILLE	RBV	VOR RWY 29, AMDT 11	AMDT 10B
				DATE 12/22/2005

FAA FORM 8260-5 / April 2006 (computer generated)

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **WRI APP CON**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **DONALD E. SMITH (CHRISTOPHER MCCARTHY)**	FIFO **AJV-352**	DATE: **08/23/2011**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. **ADDED PROCEDURE NA AT NIGHT NOTE.**
2. **ADDED HELICOPTER VISIBILITY REDUCTION NOTE.**
3. **RAISED FAF ALTITUDE FROM 1500 TO 1700.**
4. **STRAIGHT-IN ALL CATS MDA LOWERED FROM 800 TO 620.**
5. **CIRCLING ALL CATS MDA LOWERED FROM 800 TO 680.**
6. **MAP DME UPDATED FROM RBV 4.6 TO RBV 4.7.**
7. **ADDED DESCENT ANGLE AND NON-COINCIDENT NOTE.**

REASONS:

1. **IAW 8260.19D PARA 854M(2).**
2. **IAW 8260.19D PARA 854I(3).**
3. **INCREASED TO MATCH HOLDING ALTITUDE AT RBV.**

4,5. LOWERED PER FPO.

6. **MAP RELOCATED TO DISPLACED THRESHOLD.**
7. **DESCENT ANGLE AND VGSI DIFFER BY MORE THAN 0.2 DEGREES AND TCH BY MORE THAN 3 FEET.**

QUALITY CHECKED 5

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	CASVI INT	RBV VORTAC	1. TOWER (34-000693)	401202.00N/0742528.00W	638 (5D)	500	AT562	1700
	(IF/IAF)		2. TERRAIN	401227.00N/0742551.00W	348 (300)		AS1000	1300
FINAL	RBV VORTAC	4.65 MILES AFTER	3. AAO	401201.58N/0743120.03W	339 (2C)	250	RA30	620
		RBV VORTAC OR						
		AT RBV 4.65 DME						
		FIX						
2. HOLD-IN-LIEU-OF-PT	RBV VORTAC	P-4	1. TOWER (34-000693)	401202.00N/0742528.00W	638 (5D)	1000	AT62	1700
			4. TERRAIN	401345.00N/0742457.00W	365 (400)		AS1000	1400
3. MISSED APPROACH MAP:	4.65 MILES AFTER	RBV VORTAC				ASC		1700
	RBV VORTAC OR		5. TOWER (34-000442)	401731.00N/0743340.00W	520 (5E)	1000	AC125 AT55	1700
ELEV:	340		6. TERRAIN	401448.00N/0742727.00W	302 (300)		AS1000	1300

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL								
CATEGORY A	1.3 NM	350	562	7. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	AC50 RA30	680
CATEGORY B	1.5 NM	450	562	7. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	AC50 RA30	680
CATEGORY C	1.7 NM	450	562	7. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	AC50 RA30	680
CATEGORY D	2.3 NM	550	562	7. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	AC50 RA30	680
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RBV VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
080-260	TWR (34-020055)	089/ 14.8	772 (1A)	1800					
260-080	AAO	338/ 28.1	1109 (4E)	2200					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 118 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ROBBINSVILLE, NJ	TRENTON-ROBBINSVILLE	RBV	VOR RWY 29, AMDT 11	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
WRI APP CON	N W S	OTHER: FSS	SOURCE: KWRI
	F A A		DISTANCE: 11.90
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24
X V H F X U H F H F	LOCATION: KWRI		ADJUSTMENT: 30

4. MONITOR STATUS	PRIMARY NAVAID:	RBV VORTAC
	MONITOR POINT:	AOCC
	HRS OPTN: CAT 1	24
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 11 (PCL), 29 (PCL)
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 11, 29

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 11, 29
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	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (CHRISTOPHER MCCARTHY)	DATE: 08/23/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER.

THRESHOLD DISPLACED 300.12 FEET.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 449 AAO 401210N/0742944W

VGSI DATA: 4.00/29

AVERAGE VEGETATION HEIGHT - 100'.

KWRI SERVICE A YES.

RASS PRESSURE PATTERNS SAME
KN87 118, KWRI 131
RA = 29.19

FPO NOTIFIED OF 20:1 PENETRATIONS.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:
20:1
RW11
176 TREE (34-023041) 401248.67N-0743633.56W (70.76)
187 TREE (34-022869) 401254.24N-0743636.92W (66.09)
180 TREE (34-023042) 401248.57N-0743636.10W (65.01)
198 TREE (34-023045) 401248.53N-0743641.04W (63.96)
177 TREE (34-023044) 401248.95N-0743638.09W (54.14)
RW29
201 TREE (34-023248) 401244.23N/0743540.35W (83.44)
198 TREE (34-023249) 401244.13N/0743538.99W (75.14)
196 TREE (34-022988) 401252.19N/0743537.12W (69.85)
187 TREE (34-023189) 401245.48N/0743538.76W (63.91)
192 TREE (34-023190) 401245.43N/0743537.24W (63.02)
34:1
RW11
230 TREE (34-023069) 401248.81N-0743710.05W (44.82)
297 TOWER (34-000707) 401305.00N-0743738.00W (43.74)
212 TREE (34-022735) 401301.35N-0743701.35W (42.99)
216 TREE (34-023072) 401247.89N-0743708.46W (34.69)
199 TREE (34-022885) 401253.85N-0743700.41W (34.26)
RW29
241 TREE (34-023369) 401238.36N/0743509.11W (51.51)
236 TREE (34-023287) 401243.26N/0743509.11W (47.92)
240 TREE (34-023285) 401243.14N/0743507.08W (47.28)
233 TREE (34-023291) 401244.43N/0743509.89W (47.03)
229 TREE (34-023293) 401244.31N/0743511.38W (46.38)

BACKUP ALTIMETER NOT REQUIRED. KWRI HAS REDUNDANT LOCAL SOURCES.

SEE ATTACHED AIRSPACE LETTER.

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CASVI **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 400631.35N/0741139.45W **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	DIST FROM FAC FEET	MRA	MAA
1	ROBBINSVILLE	RBV	VORTAC	H	122.00	112.00	14.93	14.93		1900	45000
2	COYLE	CYN	VORTAC	H	042.00	032.00		20.62		1900	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	RBV	VORTAC	122.00	302.00	L	1		2000	10000	4	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	401057.00N/0741415.00W	424	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 REMAIN WITHIN TERMINAL AREA

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ARD AND COL VOR/DME SUBSTITUTE DURING SHUTDOWN/FAILURE OF RBV/CYN VORTAC RESPECTIVELY.
MAG VAR: CYN 10W, RBV 10W, COL 11W, ARD 10W
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V276	1, 2	1			
IAP	GPS RWY 14			KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	RNAV (GPS) RWY 29			KN87	ROBBINSVILLE	NJ (US)
IAP	VOR RWY 29	1		KN87	ROBBINSVILLE	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
NENNO REMOVED AS FAC 3.
PAT 1 CONTROLLING OBSTACLE UPDATED.
UPDATED FIX USE.
RAISED FAC 1 & 2 MRA FROM 1500 TO 1900.

DEVELOPED BY: **DATE:** 09/12/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (CHRIS MCCARTHY)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: WRI APP CON
OTHER: NYC APP CON

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROBBINSVILLE VORTAC **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 401208.65N/0742942.09W **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	ROBBINSVILLE	RBV	VORTAC	H							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	E	RBV	VORTAC	108.22	288.22	R	1		1700	5000	4	5
2	NE	RBV	VORTAC	030.00	210.00	R	1-1 1/2		2000	17500	4	16
3	W	RBV	VORTAC	247.95	067.95	R	1-1 1/2		2000	17500	4	16
4	E	RBV	VORTAC	011.23	291.23	R	1		1900	5000	4	5
5	SW		WP	232.11	052.11	L		4	1700	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (34-000693)	401202.00N/0742528.00W	638	5D
2	210	TOWER (34-000693)	401202.00N/0742528.00W	638	5D
3	210	TOWER (34-000693)	401202.00N/0742528.00W	638	5D
4	210	TOWER (34-000693)	401202.00N/0742528.00W	638	5D
5	200	TOWER (34-000693)	401202.00N/0742528.00W	638	5D

REASON FOR NONSTANDARD HOLDING:
PAT 5 STAY CLEAR OF R-5001 A & B.

HOLDING RESTRICTIONS:
PAT 2 CHART 210K ICON
PAT 1 CHART 210K ICON
PAT 3 CHART 210K ICON
PAT 4 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
CHART 210 KIAS ICON
PRECIPITIOUS TERRAIN EVALUATION COMPLETE.
PATTERN 4 FOR ATC USE

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	CRESI			KWRI	WRIGHTSTOWN	NJ (US)
DP	MODENA			KWRI	WRIGHTSTOWN	NJ (US)
DP	POINT PLEASANT			KWRI	WRIGHTSTOWN	NJ (US)
DP	POTTSTOWN			KWRI	WRIGHTSTOWN	NJ (US)
DP	FARMINGDALE			KFRG	FARMINGDALE	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SEAVIEW			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	NTHNS (RNAV)			KLGA	NEW YORK	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	J191					(US)
EN ROUTE	J222					(US)
EN ROUTE	J230					(US)
EN ROUTE	J42					(US)
EN ROUTE	J62					(US)
EN ROUTE	J64					(US)
EN ROUTE	V123		3			(US)
EN ROUTE	V157					(US)
EN ROUTE	V213					(US)
EN ROUTE	V252		3			(US)
EN ROUTE	V276					(US)
IAP	GPS RWY 14			KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	VOR OR GPS-A			KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	RNAV (GPS) RWY 23			K19N	BERLIN	NJ (US)
IAP	NDB RWY 24			KNEL	LAKEHURST	NJ (US)
IAP	TACAN RWY 24			KNEL	LAKEHURST	NJ (US)
IAP	TACAN Z RWY 33			KNEL	LAKEHURST	NJ (US)
IAP	VOR OR VOR/DME OR TACAN Y RWY 33			KNEL	LAKEHURST	NJ (US)
IAP	VOR RWY 24			KNEL	LAKEHURST	NJ (US)

QUALITY CHECKED 5

IAP	VOR RWY 6			KN12	LAKEWOOD	NJ (US)
IAP	RNAV (GPS) RWY 19			KN14	LUMBERTON	NJ (US)
IAP	VOR-A			KN14	LUMBERTON	NJ (US)
IAP	VOR OR GPS RWY 26			KVAY	MOUNT HOLLY	NJ (US)
IAP	COPTER ILS/DME RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II)			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT II)			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT III)			KEWR	NEWARK	NJ (US)
IAP	VOR/DME RWY 22L			KEWR	NEWARK	NJ (US)
IAP	VOR/DME RWY 22R			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 6		5	K3N6	OLD BRIDGE	NJ (US)
IAP	RNAV (GPS) 24			K3N6	OLD BRIDGE	NJ (US)
IAP	VOR RWY 24		2	K3N6	OLD BRIDGE	NJ (US)
IAP	RNAV (GPS) RWY 29			KN87	ROBBINSVILLE	NJ (US)
IAP	VOR RWY 29		1	KN87	ROBBINSVILLE	NJ (US)
IAP	VOR OR GPS RWY 24			KMJX	TOMS RIVER	NJ (US)
IAP	VOR OR GPS RWY 6			KMJX	TOMS RIVER	NJ (US)
IAP	VOR-A			KN73	VINCENTOWN	NJ (US)
IAP	ILS OR LOC RWY 22L			KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 31L			KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 31R			KJFK	NEW YORK	NY (US)
IAP	ILS RWY 22L (CAT II)			KJFK	NEW YORK	NY (US)
IAP	ILS RWY 22L (CAT III)			KJFK	NEW YORK	NY (US)
IAP	VOR RWY 31L			KJFK	NEW YORK	NY (US)
IAP	VOR/DME RWY 22L			KJFK	NEW YORK	NY (US)
IAP	COPTER ILS OR LOC/DME RWY 22			KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 22	1	2	KLGA	NEW YORK	NY (US)
IAP	ILS RWY 22 (SA CAT II)	1	2	KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 24			KPNE	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 24			KPNE	PHILADELPHIA	PA (US)
STAR	HYPER (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	DYLIN			KEWR	NEWARK	NJ (US)
STAR	RUUTH			KEWR	NEWARK	NJ (US)
STAR	SEA ISLE			KMJX	TOMS RIVER	NJ (US)
STAR	HARRISBURG			KWRI	WRIGHTSTOWN	NJ (US)
STAR	CAMRN			KJFK	NEW YORK	NY (US)
STAR	GATBY			KLGA	NEW YORK	NY (US)
STAR	KORRY		3	KLGA	NEW YORK	NY (US)
STAR	MILTON			KLGA	NEW YORK	NY (US)
STAR	HYPER (RNAV)			KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)			KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)			KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)			KHEF	MANASSAS	VA (US)
STAR	HYPER (RNAV)			KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)			KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)			KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)			KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)			KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
PAT 1 MIN HOLDING RAISED FROM 1600 TO 1700.

DEVELOPED BY: **DATE:** 09/06/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (CHRIS MCCARTHY)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZNY, ZDC
ATC FACILITY: NYC APP CON
OTHER: WRI APP CON, PHL ATCT

QUALITY 5 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ROBBINSVILLE** STATE: **NJ**

AIRPORT NAME: **TRENTON-ROBBINSVILLE** ID: **KN87**

PROCEDURE: **VOR RWY 29** AMDT: **11**

DOCKET # :
(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 **THLD** to 1000' point **2.98**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **2.16**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **278.22**
4. High Terrain in **FINAL** segment containing 1000' point **249**
5. Distance from **THLD** to 1500' point **4.65**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.00**
7. True Course of **FINAL** segment containing 1500' point **278.22**
8. High Terrain in **FINAL** segment containing 1500' point **249**
9. Threshold Coordinates (if straight-in) ... **401248.44N** / **0743542.84W**
10. ARP Coordinates ..... **401250.20N** / **0743606.40W**
11. Runway Approach End and distance furthest from ARP.....RWY **29**
    Distance **0.35** NM
12. FAF Coordinates ..... **401208.65N** / **0742942.09W**
    (Click to Select)

REMARKS: