Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 01/20/2009	Task #: 2008062318784002001	Request #: 20080623187840
Procedure: RNAV (GPS) RWY 11 ORIG		Airport ID: KN87	Airport: TRENTON-ROBBINSVILLE		Reimbursable #:
City: ROBBINSVILLE	ST: NJ	GPS #:		Estimated Chart Date: 04/05/2012	FICO #:
Fac ID:	Fac. Type: LNAV	Specialist: JILL OLSON			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	05/09/2011	10/28/2011	JILL OLSON	
QA:	10/28/2011	02/09/2012	SCOTT BEARD	
Liaison:	02/09/2012		Terrell	RESUBMIT ENTIRE PKG 2/9/12

Procedure Comments:

Remark Type: INFORMATION

pkg 1 of 1

ROBBINSVILLE, NJ TRENTON-ROBINSVILLE (KN87) RNAV (GPS) RWY 11, ORIG (LNAV) ENROUTE-NO FC: 2.21.12 PUB: 4.5.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): KLOND, REV 1; NUMEG, REV 1; TATVE-INT, ORIG; UTECU, ORIG; ZIDET-INT, ORIG.

CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

APP CRS	Rwy ldg	3877
108°	THRE	98
	Apt Elev	118

RNAV (GPS) RWY 11

ROBBINSVILLE / TRENTON-ROBBINSVILLE (N87)

NA

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When VGSI inop, procedure NA at night. Use Wrightstown altimeter setting.

MISSED APPROACH: Climb to 1100, then climbing left turn to 2100 direct NUMEG and hold.

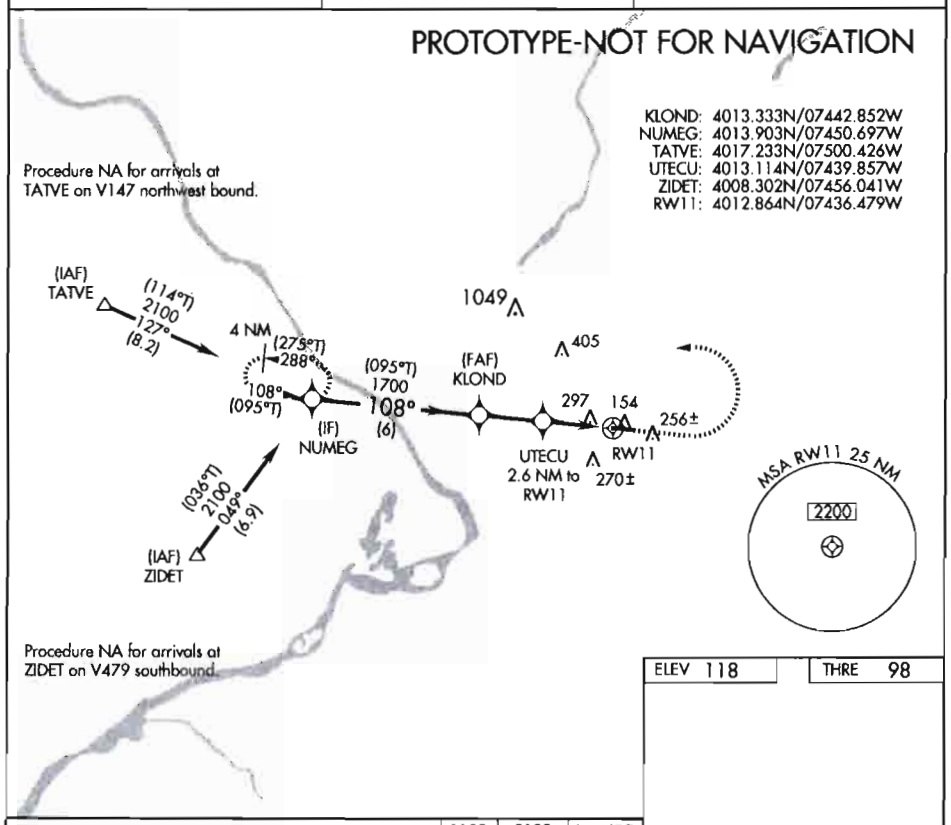
MC GUIRE APP CON	UNICOM	
124.15 363.8	123.0 (CTAF)	123.3

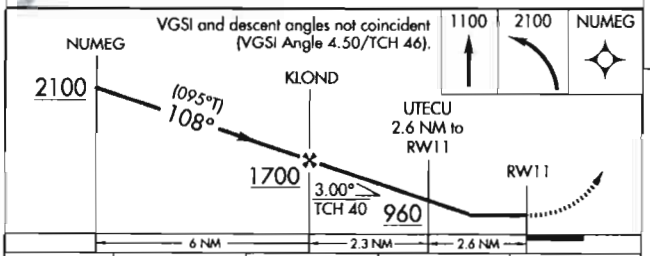
PROTOTYPE-NOT FOR NAVIGATION

KLOND: 4013.333N/07442.852W
NUMEG: 4013.903N/07450.697W
TATVE: 4017.233N/07500.426W
UTECU: 4013.114N/07439.857W
ZIDET: 4008.302N/07456.041W
RW11: 4012.864N/07436.479W

Procedure NA for arrivals at TATVE on V147 northwest bound.

Procedure NA for arrivals at ZIDET on V479 southbound.





ELEV 118 THRE 98

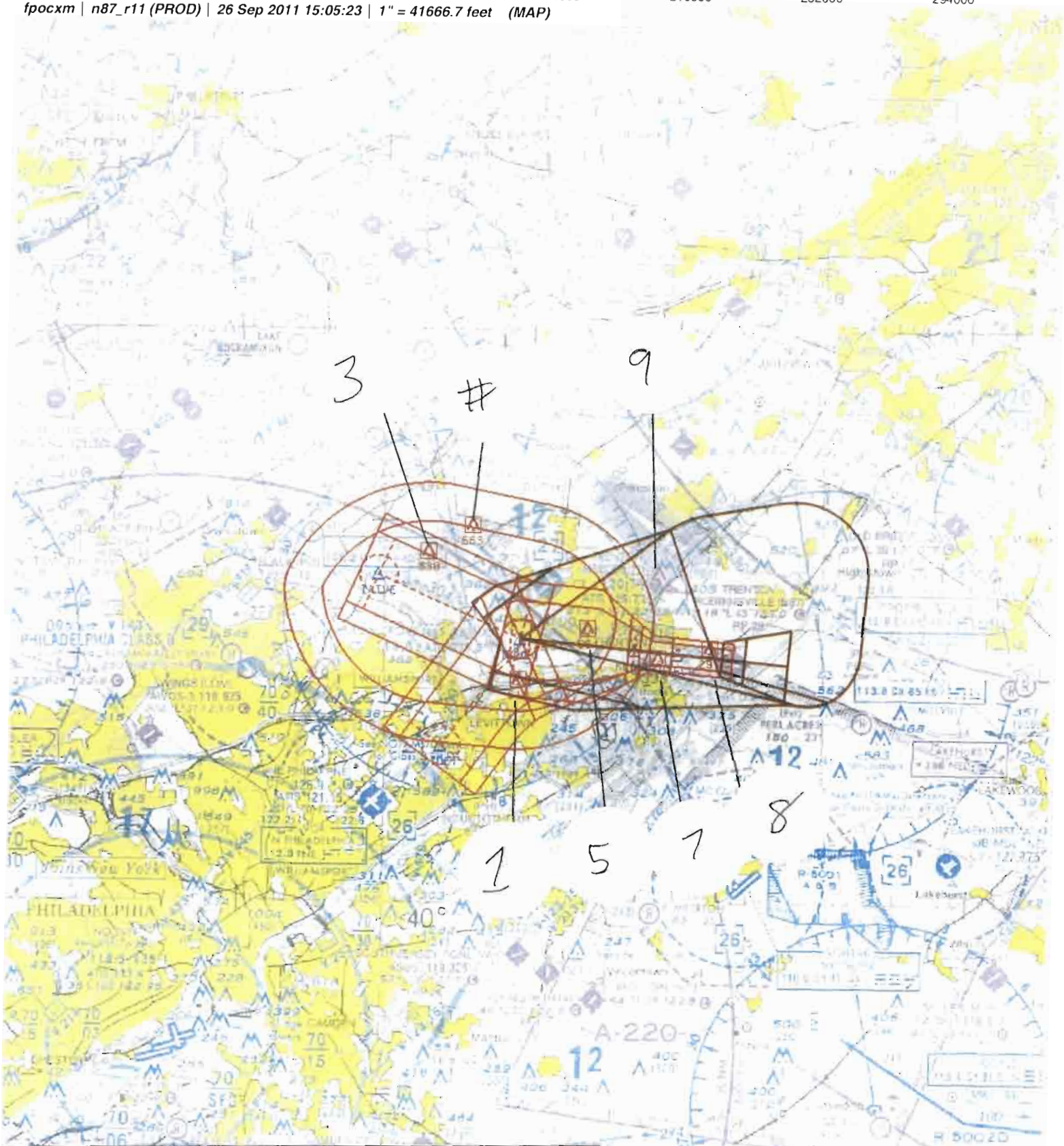
CATEGORY	A	B	C	D
LNAV MDA	640-1 542 (600-1)		640-1⅝ 542 (600-1⅝)	
CIRCLING	680-1 562 (600-1)		680-1⅝ 562 (600-1⅝)	680-2 562 (600-2)

MIRL Rwy 11-29

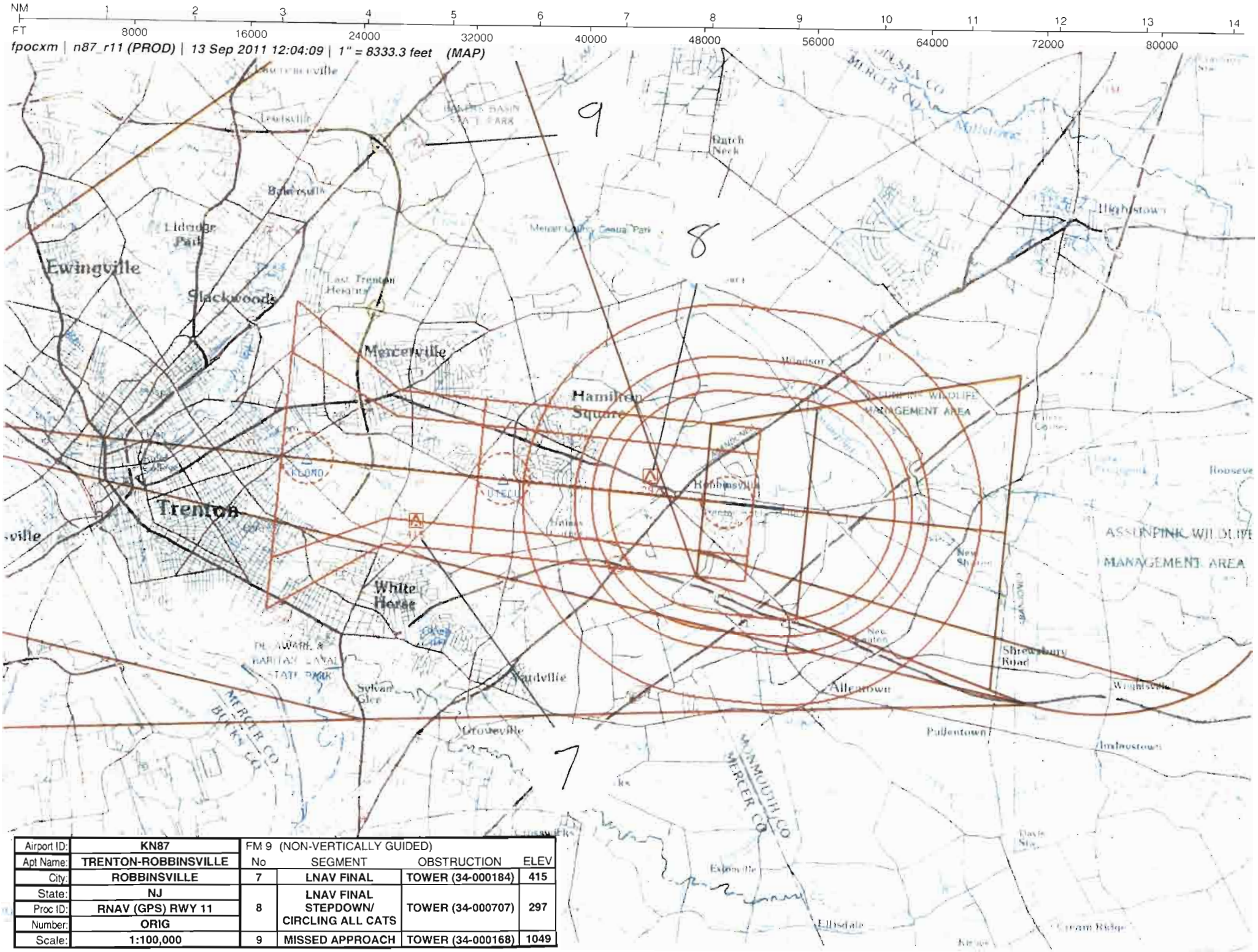
NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fpocxm | n87_r11 (PROD) | 26 Sep 2011 15:05:23 | 1" = 41666.7 feet (MAP)



Airport ID:	KN87	FM 9 (NON-VERTICALLY GUIDED)			
Apt Name:	TRENTON-ROBBINSVILLE	No	SEGMENT	OBSTRUCTION	ELEV
City:	ROBBINSVILLE	1	INITIAL	TOWER (42-001683)	613
State:	NJ	3	INITIAL	AAO	630
Proc ID:	RNAV (GPS) RWY 11	5	INTERMEDIATE	TOWER (34-000030)	554
Number:	ORIG	7	LNAV FINAL	TOWER (34-000184)	415
Scale:	1:500,000	8	LNAV FINAL STEPDOWN	TOWER (34-000707)	297
		9	MISSED APPROACH	TOWER (34-000168)	1049
		#	HOLDING	AAO	663



Airport ID:	KN87	FM 9 (NON-VERTICALLY GUIDED)			
Apt Name:	TRENTON-ROBBINSVILLE	No	SEGMENT	OBSTRUCTION	ELEV
City:	ROBBINSVILLE	7	LNAV FINAL	TOWER (34-000184)	415
State:	NJ	8	LNAV FINAL STEPDOWN/ CIRCLING ALL CATS	TOWER (34-000707)	297
Proc ID:	RNAV (GPS) RWY 11				
Number:	ORIG				
Scale:	1:100,000	9	MISSED APPROACH	TOWER (34-000168)	1049

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - 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 visibilites which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZIDET (IAF)	NUMEG (FB)	049.17 / 6.94	2100
TATVE (IAF)	NUMEG (FB)	127.02 / 8.16	2100
NUMEG (IF)	KLOND (FB)	108.37 / 6.04	1700
KLOND (FAF)	UTECU/2.60 NM TO RW11 (FB)	108.45 / 2.30	
UTECU/2.60 NM TO RW11	RW11 (MAP) (FO)	108.48 / 2.60	
RW11 (MAP)	1100 MSL	108.48	1100
1100 MSL	NUMEG (FO)		2100

MISSED APPROACH

LNAV: RW11

CLIMB TO 1100, THEN CLIMBING LEFT TURN TO 2100 DIRECT NUMEG AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 108.37 INBOUND.
CHART FAS OBST: 297 TOWER 401305N/0743738W
KLOND TO RW11: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NUMEG
3. FAC: 108.45 FAF: KLOND DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: NUMEG 2100, KLOND 1700, UTECU/2.60 NM TO RW11 960
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW11 2200

MAG VAR: 13W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	640	1	542	640	1	542	640	1 5/8	542	640	1 5/8	542			
CIRCLING	680	1	562	680	1	562	680	1 5/8	562	680	2	562			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIDET ON V479 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TATVE ON V147 NORTHWEST BOUND.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 118 THRE: 98	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ROBBINSVILLE, NJ	AIRPORT NAME: TRENTON-ROBBINSVILLE	RNAV	RNAV (GPS) RWY 11, ORIG	AMDT: NONE
				DATED

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: **09/13/2011**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

REASONS:

THIS REPLACES GPS RWY 11.

10/28/11. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/13/2011.
UPDATED CODING. "L" WAS ADDED ON 8260-10 CODING UNDER WP - TATVE COLUMN 31.

QUALITY CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
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 CHECKED

CITY AND STATE	ELEVATION: 118 THRE: 98	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ROBBINSVILLE, NJ	AIRPORT NAME: TRENTON-ROBBINSVILLE	RNAV	RNAV (GPS) RWY 11, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   KLOND K60    W     N40131999W074425113                     W0126     NAR           KLOND
        SUSAEAENRT   NUMEG K60    W     N40135415W074504180                     W0125     NAR           NUMEG
        SUSAEAENRT   TATVE K60    C   L N40171399W075002555                     W0124     NAR           TATVE
        SUSAEAENRT   UTECU K60    W     N40130681W074395142                     W0126     NAR           UTECU
        SUSAEAENRT   ZIDET K60    C   L N40081809W074560248                     W0124     NAR           ZIDET

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP N87 K6AN87     0     042YHN40125020W074360640W013000118         1800018000C    MNAR    TRENTON-ROBBINSVILLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP N87 K6FR11   ATATVE 010TATVEK6EA0E  A    IF                                                18000                B JS
        SUSAP N87 K6FR11   ATATVE 020NUMEGK6EA0EE B 010TF                     12700082    + 02100                            B JS
        SUSAP N87 K6FR11   AZIDET 010ZIDETK6EA0E  A    IF                                                18000                B JS
        SUSAP N87 K6FR11   AZIDET 020NUMEGK6EA0EE B 010TF                     04920069    + 02100                            B JS
        SUSAP N87 K6FR11   R      010NUMEGK6EA0E  I    IF                                 + 02100     18000                B JS
        SUSAP N87 K6FR11   R      020KLONDK6EA1E  F 051TF                     10840060    + 01700                 RW11  K6PGB JS
        SUSAP N87 K6FR11   R      020KLONDK6EA2WN          N          ALNAV                                                 JS
        SUSAP N87 K6FR11   R      021UTECUK6EA0E S  031TF                     10850023    V 0096000966        -300          B JS
        SUSAP N87 K6FR11   R      030RW11 K6PG0GY M 031TF                     10850026      00138             -300          B JS
        SUSAP N87 K6FR11   R      040         0  M     CA                     1085        + 01100                            B JS
        SUSAP N87 K6FR11   R      050NUMEGK6EA0EY  L   DF                                 + 02100                            B JS
        SUSAP N87 K6FR11   R      060NUMEGK6EA0EE  L   HM                     10840040    + 02100                            B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP N87 K6GRW11    0042751085 N40125184W074362872+0200    -0002900098039840075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP N87 K6SRW11 K6PG               0   18018002225                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 118 THRE: 98	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ROBBINSVILLE, NJ	AIRPORT NAME: TRENTON-ROBBINSVILLE	RNAV	RNAV (GPS) RWY 11, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TATVE	TATVE	010	IAF	IF						
	TATVE	NUMEG	020	IF	TF		FB	1.0	127.0(114.0T)	008.2	02100
	ZIDET	ZIDET	010	IAF	IF						
	ZIDET	NUMEG	020	IF	TF		FB	1.0	049.2(036.2T)	006.9	02100
		NUMEG	010	FACF	IF						02100
		KLOND	020	FAF	TF		FB	0.5	108.4(095.4T)	006.0	01700
		UTECU	021	SDF	TF		FB	0.3	108.5(095.5T)	002.3	0096000966
		RW11	030	MAP	TF		FO	0.3	108.5(095.5T)	002.6	00138

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA				108.5(095.5T)		01100
	NUMEG	050		DF	L	FO				02100
	NUMEG	060		HM	L	FO		108.4(095.4T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	KLOND	N401319.99	W0744251.13	N4013.333	W07442.852
	NUMEG	N401354.15	W0745041.80	N4013.903	W07450.697
	TATVE	N401713.99	W0750025.55	N4017.233	W07500.426
	UTECU	N401306.81	W0743951.42	N4013.114	W07439.857
	ZIDET	N400818.09	W0745602.48	N4008.302	W07456.041
	RW11	N401251.84	W0743628.72	N4012.864	W07436.479

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	00098	40

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 118 THRE: 98	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ROBBINSVILLE, NJ	AIRPORT NAME: TRENTON-ROBBINSVILLE	RNAV	RNAV (GPS) RWY 11, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	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.
INITIAL	ZIDET	NUMEG	1. TOWER (42-001683)	401122.00N/0745046.00W	613 (3C)	1000	AT487	2100
			2. TERRAIN	400954.00N/0745745.00W	260 (300)		AS1000	1300
INITIAL	TATVE	NUMEG	3. AAO	401803.00N/0745700.00W	630 (4E)	1000	AT470	2100
			4. TERRAIN	401803.00N/0745703.00W	430 (400)		AS1000	1400
INTERMEDIATE	NUMEG	KLOND	5. TOWER (34-000030)	401405.00N/0744601.00W	554 (1A)	500	AT646	1700
			6. TERRAIN	401321.00N/0745021.00W	217 (200)		AS1000	1200
FINAL: LNAV	KLOND	UTECU/2.60 NM TO RW11	7. TOWER (34-000184)	401232.00N/0744111.00W	415 (5D)	250	RA30 AC50 DG215	960
FINAL: LNAV STEPDOWN	UTECU/2.60 NM TO RW11	RW11	8. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	250	RA30 AC50	640
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	RW11	NUMEG				ASC		2100
			9. TOWER (34-000168)	401658.00N/0744110.00W	1049 (5E)	1000	AT51	2100
ELEV:	510		10. TERRAIN	401112.00N/0742851.00W	345 (300)		AS1000	1300

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL								
CATEGORY A	1.3 NM	350	562	8. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	RA30 AC50	680
CATEGORY B	1.5 NM	450	562	8. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	RA30 AC50	680
CATEGORY C	1.7 NM	450	562	8. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	RA30 AC50	680
CATEGORY D	2.3 NM	550	562	8. TOWER (34-000707)	401305.00N/0743738.00W	297 (5D)	300	RA30 AC50	680
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW11

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	350/ 25.1	1109 (4E)	2200					

CITY AND STATE	ELEVATION: 118 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ROBBINSVILLE, NJ	TRENTON-ROBBINSVILLE	RNAV	RNAV (GPS) RWY 11, ORIG	AEA

QUALITY CHECKED

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
	A / C		HOURS REMOTE OPERATION: 24
SATISFACTORY ON: X V H F, X U H F, H F	LOCATION: KWRI		ADJUSTMENT: 30

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		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: 09/13/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER.

THRESHOLD DISPLACED 398.29.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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

KWRI SERVICE A YES.

VGSI DATA: 4.50/46

LPV, LNAV/VNAV, TAA NOT DEVELOPED PER FPO.

AVERAGE VEGETATION HEIGHT 100'.

25 DEGREE BANK ANGLE USED FOR MISSED APPROACH CONSTRUCTION.

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
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)
188 TREE (34-022986) 401250.82N/0743535.84W (56.25)
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
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)
227 TREE (34-023365) 401239.03N/0743511.44W (42.99)

BACKUP ALTIMETER NOT REQUIRED. KWRI HAS REDUNDANT LOCAL SOURCES.

LP MINIMUMS NOT DEVELOPED PER 8-10-11 MEMO: LP MDA SAME AS LNAV MDA.

SEE ATTACHED AIRSPACE LETTER.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KLOND **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 401319.99N/0744251.13W **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) RWY 11			KN87	ROBBINSVILLE	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
FIX MOVED 578 FT EAST; COORDINATES UPDATED.
FIX USE UPDATED.

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
ATC FACILITY: WRI APP CON
OTHER:

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NUMEG **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 401354.15N/0745041.80W **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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W		WP	288.37	108.37	L		4	2100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	401927.00N/0745400.00W	663	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST TO AVOID MCGUIRE AFB AIRSPACE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 11		1	KN87	ROBBINSVILLE	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
KN87 R11 REMOVED AS FAC 1.
PAT 1 INBOUND HOLDING CHANGED FROM 108.40 TO 108.37.
PAT 1 MIN HOLDING ALTITUDE RAISED FROM 2000 TO 2100.
PAT 1 CONTROLLING OBSTACLE UPDATED.
FIX MOVED 0.94 NM WEST; COORDINATES UPDATED.
FIX USE UPDATED.

DEVELOPED BY: **DATE:** 09/01/2011 **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:

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TATVE **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 401713.99N/0750025.55W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

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	YARDLEY	ARD	VOR/DME	L	304.00	294.00	5.00	5.00		2500	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V147	1				(US)
IAP	RNAV (GPS) RWY 11			KN87	ROBBINSVILLE	NJ (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 09/27/2011 **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:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UTECU **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 401306.81N/0743951.42W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 11			KN87	ROBBINSVILLE	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 09/13/2011 **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:

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIDET **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 400818.09N/0745602.48W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

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	YARDLEY	ARD	VOR/DME	L	200.00	190.00	7.00	7.00		2000	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V479	1				(US)
IAP	RNAV (GPS) RWY 11			KN87	ROBBINSVILLE	NJ (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 09/26/2011 **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:

QUALITY CHECKED 1

TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **RNAV (GPS) RWY 11** AMDT: **ORIG**

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 **3.23**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **095.45**
4. High Terrain in **FINAL** segment containing 1000' point **154**
5. Distance from **THLD** to 1500' point **4.90**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.14**
7. True Course of **FINAL** segment containing 1500' point **095.45**
8. High Terrain in **FINAL** segment containing 1500' point **154**
9. Threshold Coordinates (if straight-in) ... **401251.84N** / **0743628.72W**
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 ..... **401319.99N** / **0744251.13W**
    (Click to Select)

REMARKS: