Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/13/2007	Task #: 20071213109656 1002	Request #: 20071213109656
Procedure: RNAV (GPS) RWY 7 ORIG		Airport ID: KN40	Airport: SKY MANOR		Reimbursable #:
City: PITTSTOWN ST: NJ		GPS #:		Estimated Chart Date: 05/03/2012	FICO #: 1076980
Fac ID:	Fac. Type: LNAV		Specialist: DONALD SMITH		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	08/09/2011	01/23/2012	DONALD SMITH	
QA:	01/23/2012	01/24/2012	SCOTT BEARD	
Liaison:	01/24/2012		Terrell	RESUBMIT ENTIRE PKG 1/24/12 MAGVAR

MAG VAR P1

Procedure Comments:

Remark Type: INFORMATION

pkg 1.P3

PITTSTOWN, NJ SKY MANOR (KN40) RNAV (GPS) RWY 7, ORIG (LNAV) ENROUTE-NO FC: 3.20.12 PUB: 5.3.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): JILUB, ORIG; LIZZI-INT, REV 10; ZOPDU, ORIG.

CONTACT: DON SMITH, AJV-352 LEAD, 405 954.1036.

PITTSTOWN, NEW JERSEY | AL-5803 (FAA) | FIG

RNAV (GPS) RWY 7

PITTSTOWN/SKY MANOR (N40)

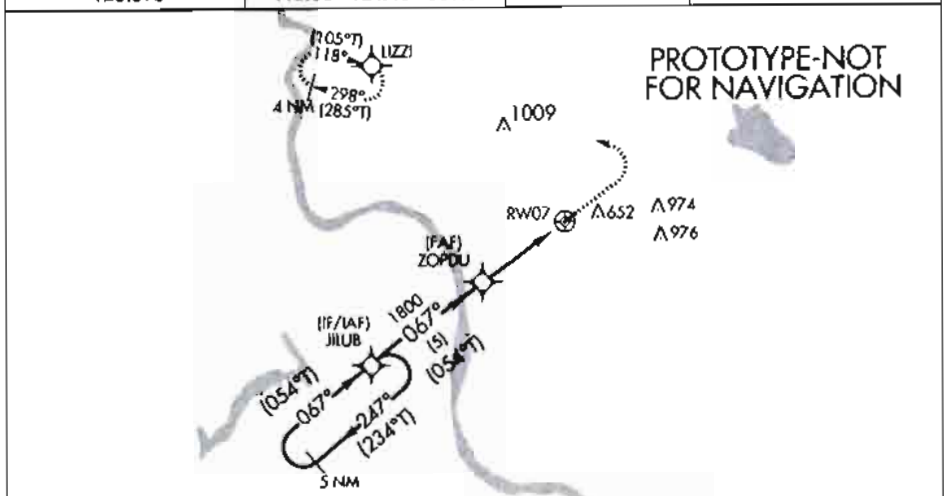
APP CRS	Rwy Idg	2900
067°	THRE	551
	Apt Elev	560

▼ Procedure NA at night DME/DME RNP-0.3 NA. Visibility reduction by helicopters
△ NA NA. Use Lehigh Valley Intl altimeter setting; when not received, use Trenton altimeter setting and increase all MDA 20 feet

MISSED APPROACH: Climb to 1100 then climbing left turn to 3000 direct LIZZI and hold

LEHIGH VALLEY INTL ASOS	ALLENTOWN APP CON	GCO	UNICOM
126.975	119.65 124.45 397.9	121.725	122.975 (CTAF)

PROTOTYPE-NOT FOR NAVIGATION



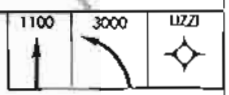
JILUB 40°28.748'N/075°08.213'W
LIZZI 40°39.940'N/075°08.928'W
ZOPDU 40°31.677'N/075°02.899'W
RW07 40°33.898'N/074°58.859'W

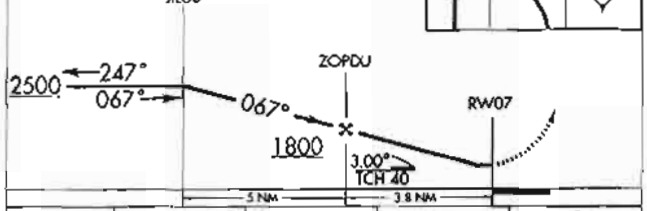
ELEV 560 | THRE 551

RADAR REQUIRED

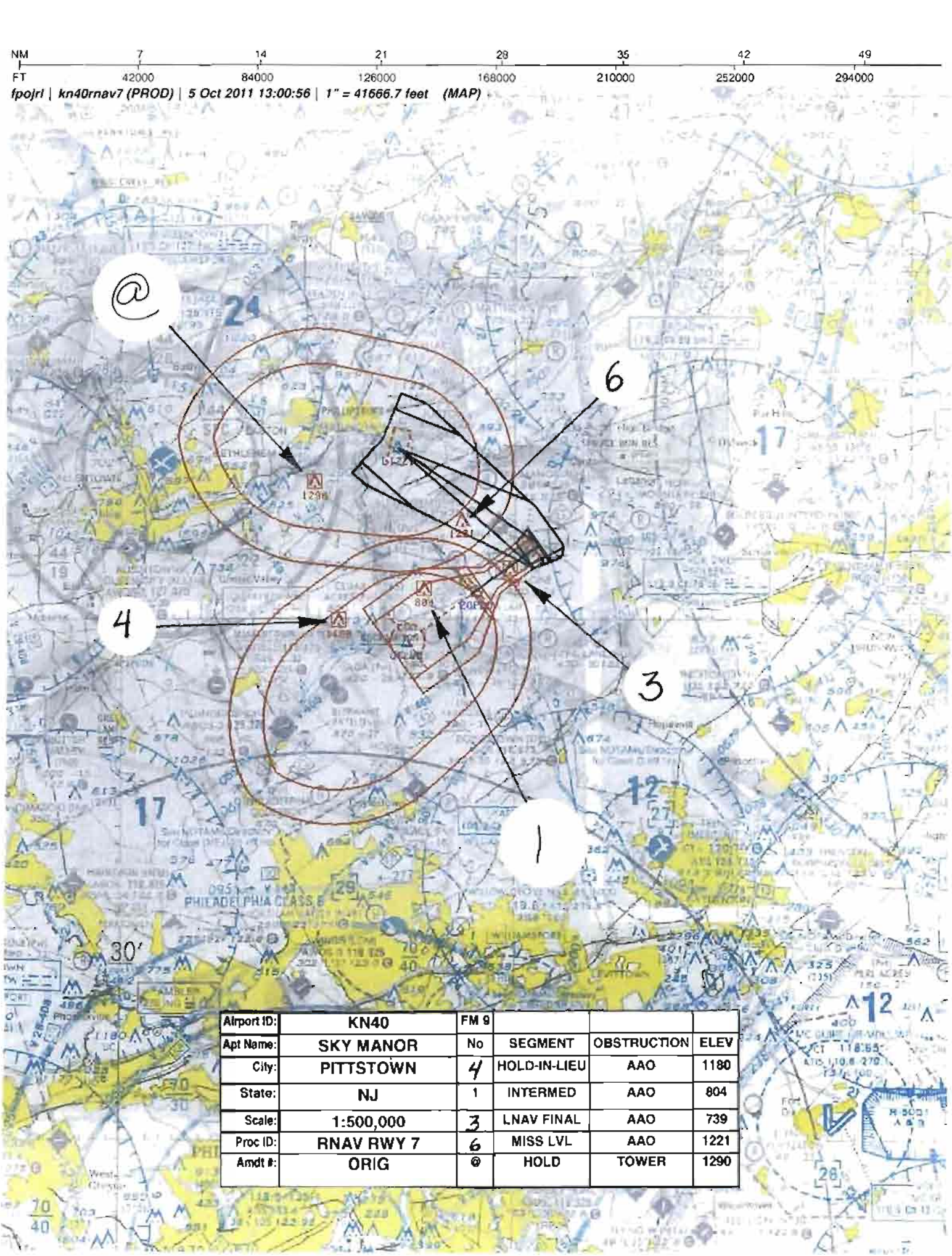
5 NM Holding Pattern

VGSI and descent angles not coincident.

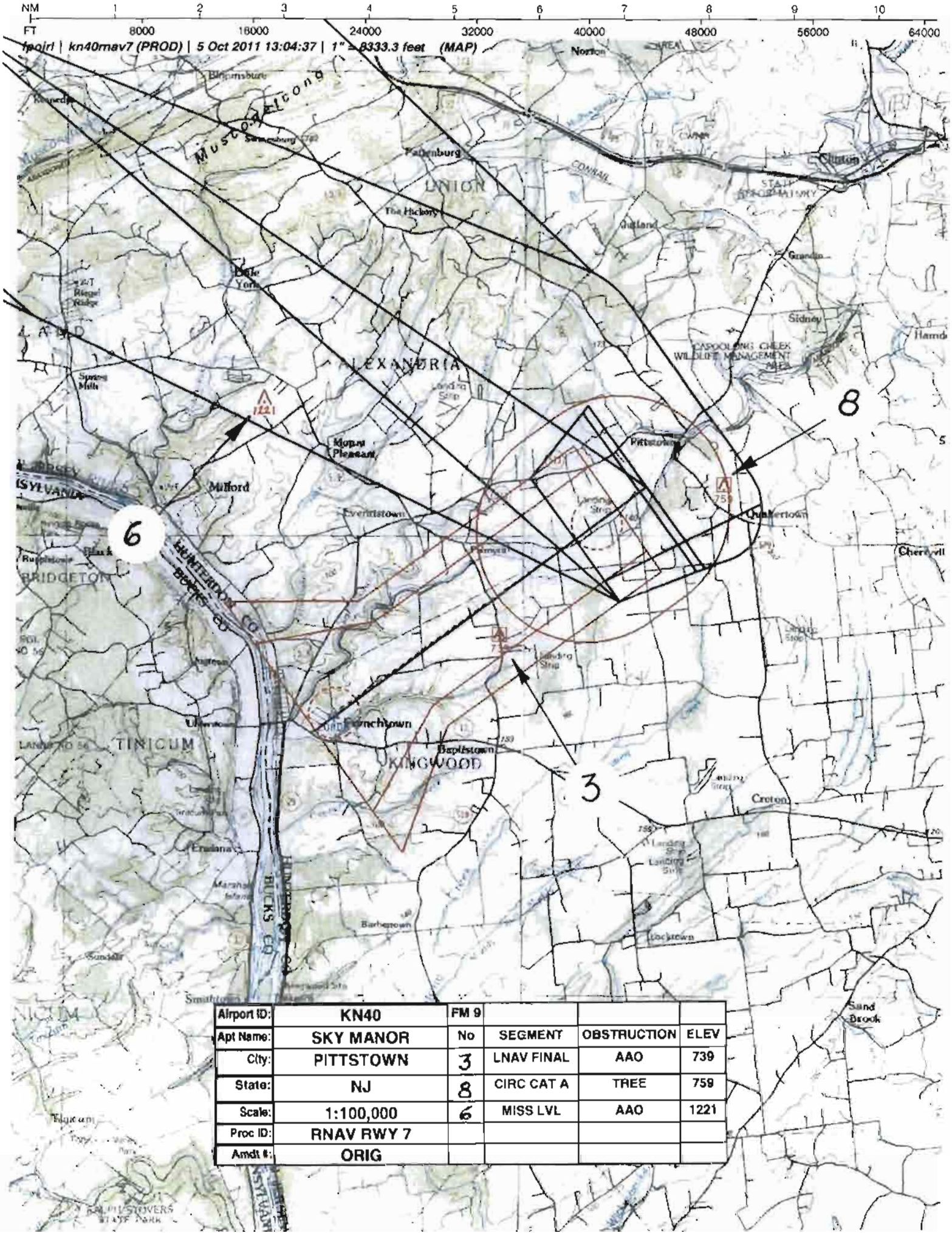




CATEGORY	A	B	C	D
LNAV MDA	1080-1 529 (600-1)	NA		
CIRCLING	1140-1 580 (600-1)	NA		



Airport ID:	KN40	FM 9			
Apt Name:	SKY MANOR	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSTOWN	4	HOLD-IN-LIEU	AAO	1180
State:	NJ	1	INTERMED	AAO	804
Scale:	1:500,000	3	LNAV FINAL	AAO	739
Proc ID:	RNAV RWY 7	6	MISS LVL	AAO	1221
Amdt #:	ORIG	@	HOLD	TOWER	1290



Airport ID:	KN40	FM 9			
Apt Name:	SKY MANOR	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSTOWN	3	LNAV FINAL	AAO	739
State:	NJ	8	CIRC CAT A	TREE	759
Scale:	1:100,000	6	MISS LVL	AAO	1221
Proc ID:	RNAV RWY 7				
Amdt #:	ORIG				

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 visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JILUB (IF/IAF)	ZOPDU (FB)	067.14 / 5.00	1800
ZOPDU (FAF)	RW07 (MAP) (FO)	067.20 / 3.80	
RW07 (MAP)	1100 MSL	067.20	1100
1100 MSL	LIZZI (FO)		3000

MISSED APPROACH

LNAV: RW07

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT LIZZI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 118.05 INBOUND.
FAS OBST: 739 AAO 403231N/0750021W
ZOPDU TO RW07: 3.00/40.
CHART LEHIGH VALLEY INTL ASOS

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW JILUB, RT, 067.14 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 067.20 FAF: ZOPDU DIST FAF TO MAP: 3.80 THLD: 3.80
4. MIN. ALT: JILUB 2500, ZOPDU 1800
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: RW07 3100

MAG VAR: 13W EPOCH YEAR: 2010

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	1080	1	529		NA			NA			NA				
CIRCLING	1140	1	580		NA			NA			NA				

NOTES:
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 560 THRE: 551 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PITTSTOWN, NJ	SKY MANOR	RNAV	RNAV (GPS) RWY 7, ORIG	AMDT: NONE
				DATED

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZNY, AMGR, ABE ATCT, ABE APP CON.**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
DONALD E. SMITH (JOHN R. LINDSEY)	**AJV-352**	**09/22/2011**

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

CHANGES:

ORIGINAL

REASONS:

FPT REQUEST.

PDF EDITS:
8260-3:
CHANGED ZOPDU TO READ ZOPDU (FAF) IN TERMINAL ROUTES.
8260-10:
REMOVED 2.0 RNP VALUE FROM MISSED APPROACH SEGMENTS.
8260-9:
ADDED 93 FT RA ADJUSTMENT FOR KTTN IN BLOCK 3.
ADDED KABE ASOS TO BLOCK 2.

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE LEHIGH VALLEY INTL ALTIMETER SETTING; WHEN NOT RECEIVED, USE TRENTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

QUALITY 6 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PITTSTOWN, NJ	**ELEVATION: 560** **THRE: 551** AIRPORT NAME: **SKY MANOR**	**RNAV**	**RNAV (GPS) RWY 7, ORIG**	AMDT: **NONE**
				DATED:

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

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:

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JILUB K60    W     N40284486W075081280                      W0124     NAR           JILUB
        SUSAEAENRT   LIZZI K60    C   L N40395638W075085566                      W0124     NAR           LIZZI
        SUSAEAENRT   ZOPDU K60    W     N40314059W075025394                      W0125     NAR           ZOPDU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N40 K6AN40     0     029YHN40335718W074584551W013000560         1800018000C    MNAR    SKY MANOR

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N40 K6FR07   AJILUB 010JILUBK6EA0EE AR   HF                    06710040    + 02500     18000                B JS
        SUSAP N40 K6FR07   R      010JILUBK6EA0E  I    IF                                + 02500     18000                B JS
        SUSAP N40 K6FR07   R      020ZOPDUK6EA1E  F 051TF                    06710050    + 01800                 RW07  K6PGB JS
        SUSAP N40 K6FR07   R      020ZOPDUK6EA2WN          N          ALNAV                                                JS
        SUSAP N40 K6FR07   R      030RW07 K6PG0GY M 031TF                    06720038      00591           -300           B JS
        SUSAP N40 K6FR07   R      040         0  M     CA                    0672        + 01100                          B JS
        SUSAP N40 K6FR07   R      050LIZZIK6EA0EY  L   DF                              + 03000                          B JS
        SUSAP N40 K6FR07   R      060LIZZIK6EA0EE  R   HM                    11810040    + 03000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N40 K6GRW07    0029000672 N40335387W074585153+0300    +01340005510878400 50R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N40 K6SRW07 K6PG              0   18018003125                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 560 THRE: 551	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PITTSTOWN, NJ	AIRPORT NAME: SKY MANOR	RNAV	RNAV (GPS) RWY 7, ORIG	AMDT: NONE
				DATED:

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

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:

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
	JILUB	JILUB	010	IAF	HF	R	FO		067.1(054.1T)	004.0	02500
		JILUB	010	FACF	IF						02500
		ZOPDU	020	FAF	TF		FB	0.5	067.1(054.1T)	005.0	01800
		RW07	030	MAP	TF		FO	0.3	067.2(054.2T)	003.8	00591

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA				067.2(054.2T)		01100
	LIZZI	050		DF	L	FO				03000
	LIZZI	060		HM	R	FO		118.1(105.1T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JILUB	N402844.86	W0750812.80	N4028.748	W07508.213
	LIZZI	N403956.38	W0750855.66	N4039.940	W07508.928
	ZOPDU	N403140.59	W0750253.94	N4031.677	W07502.899
	RW07	N403353.87	W0745851.53	N4033.898	W07458.859

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00551	40

QUALITY 6 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSTOWN, NJ	**ELEVATION: 560** **THRE: 551** AIRPORT NAME: **SKY MANOR**	**RNAV**	**RNAV (GPS) RWY 7, ORIG**	SUP: AMDT: **NONE** DATED:

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

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.
INTERMEDIATE	JILUB (IF/IAF)	ZOPDU	1. AAO	403121.00N/0750654.00W	804 (4E)	500	AT398 AC98	1800
			2. TERRAIN	403148.00N/0750703.00W	604 (600)		AS1000	1600
FINAL: LNAV	ZOPDU	RW07	3. AAO	403230.91N/0750020.66W	739 (2C)	250	RA74	1080
2. HOLD-IN-LIEU-OF-PT	JILUB	P-5	4. AAO	402935.20N/0751322.20W	1180 (6C)	1000		2200
			5. TERRAIN	402935.20N/0751322.20W	980 (1000)		AS1500	2500
3. MISSED APPROACH MAP:	RW07	LIZZI				ASC		2500
			6. AAO	403815.00N/0750400.00W	1221 (3E)	1000		2300
ELEV:	906		7. TERRAIN	403815.00N/0750400.00W	1021 (1000)		AS1500	2500
			8. TREE	403416.79N/0745652.87W	759 (2C)	300	RA74	1140

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	580
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: RW07

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
360-360	TWR (42-000283)	339/ 23.0	2022 (3C)	3100				

OBRIEN 6 CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
PITTSTOWN, NJ	ELEVATION: 560 AIRPORT NAME: SKY MANOR	RNAV	RNAV (GPS) RWY 7, ORIG	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZNY ARTCC MIV FSS ABE APP CON	[ ] N W S OTHER: ASOS [ ] F A A [ ] A / C	SOURCE: KABE / KTTN DISTANCE: 21.70 / 18.93 HOURS REMOTE OPERATION: SEE AFD / 24
SATISFACTORY ON:		
[X] V H F [X] U H F [ ] H F	LOCATION: KABE	ADJUSTMENT: 74 /93

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 25 (PCL), 07 (PCL)
X	REIL 25 (PCL), 07 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-2L 25 (PCL), 07 (PCL)

5. APPROACH & RUNWAY LIGHTING

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT NPI-G 25, 07	
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 (JOHN R. LINDSEY)	DATE: 09/22/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KABE ASOS IS ON SERVICE A
KTTN ASOS IS ON SERVICE A

MISSED APPROACH DESIGNED USING 25 DEGREES OF BANK ANGLE TO MITIGATE THE NEED FOR A WAIVER FOR MINIMUM LENGTH TO THE TIE-BACK LOCATIONS.

RASS PRESSURE PATTERNS SAME
KABE 393.3, KTTN 212.0, KN40 560.0
RA = 73.25/92.26.
SEE ATTACHED AIRSPACE LETTER.

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPT.

LPV AND LNAV/VNAV NOT DEVELOPED DUE TO LACK OF SURVEYS.

LP NOT DEVELOPED DUE TO RUNWAY LENGTH.

FEEDERS AND TAA'S NOT DEVELOPED PER ATC REQUEST FOR RADAR ENTRY.

UNABLE TO VERIFY VISUAL SURFACES DUE TO THE LACK OF SURVEYS.

PROCEDURE NA AT NIGHT DUE TO THE LACK OF SURVEYS, PER EASTERN FPT.

VGSI DATA: 3.00/24

RWY 7 DISPLACED 878 FEET.

QUALITY 6 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JILUB **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 402844.86N/0750812.80W **TYPE:** WP, RADAR

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	SW		WP	247.14	067.14	R		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	402935.20N/0751322.20W	1180	6C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 7		1	KN40	PITTSTOWN	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 09/20/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (JOHN LINDSEY)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: ABE ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LIZZI **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 403956.38N/0750855.66W **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	DIST FROM FAC FEET	MRA	MAA
1	SOLBERG	SBJ	VOR/DME	L	295.05	285.05	19.24	19.24		3000	17500
2	YARDLEY	ARD	VOR/DME	L	346.00	336.00		27.08		5000	17500
3	ROBBINSVILLE	RBV	VORTAC	H	323.05	313.05	40.85	40.85		8000	13000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RBV	VORTAC	R-323	41	8000	13000

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	NW	SBJ	VOR/DME	295.05	115.05	R	1-1 1/2		5000	17500	6	17
2	NW		WP	295.05	115.05	R		4	3000	8000	5	9
3	NW	SBJ	VOR/DME	295.05	115.05	R	1		5000	6000	6	6
4	NW		WP	298.05	118.05	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (34-001033)	404345.19N/0750705.21W	1295	1A
2	200	TOWER (42-002348)	403733.00N/0751517.00W	1290	1A
3	200	TOWER (34-001033)	404345.19N/0750705.21W	1295	1A
4	200	TOWER (42-002348)	403733.00N/0751517.00W	1290	1A

HOLDING RESTRICTIONS:
PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.
FAC 3 NOT AUTHORIZED FOR HOLDING FIX MAKE-UP.

REMARKS:
YARDLEY (FAC 2) AND SOLBERG (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V6	1, 2	1			(US)
IAP	RNAV (GPS) RWY 25		4	KN40	PITTSTOWN	NJ (US)
IAP	RNAV (GPS) RWY 7		4	KN40	PITTSTOWN	NJ (US)
IAP	RNAV (GPS) Y RWY 13		2	KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) Z RWY 13		2	KABE	ALLENTOWN	PA (US)
IAP	VOR-A	1, 2	3	KABE	ALLENTOWN	PA (US)
STAR	MILTON	1, 2, 3	1	KLGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
1. ADDED HOLD PAT 4.
2. UPDATED FIX USE.
3. REMOVED THE "-" FROM HOLD PAT 1 DME LEG LENGTH.
4. CHANGED FAC 2 MRA FROM 3000 TO 5000 FOR FACILITY RESTRICTION.
5. CHANGED HOLD PAT 1 AND 3 MINIMUM ALTITUDE FROM 3000 TO 5000.
6. CHANGED HOL DPAT 1 AND 3 MINIMUM TEMPLATE FROM 5 TO 6.
7. UPDATED HOLD PAT 1 AND 3 CONTROLLING OBSTACLE DATA.
8. ADDED YARDLEY (FAC 2) AND SOLBERG (FAC 1) USED TO ESTABLISH FIX COORDINATES REMARK.

DEVELOPED BY: **DATE:** 10/05/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (JOHN LINDSEY)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZNY
ATC FACILITY: ABE APP CON, N90
OTHER:

QUALITY CHECK

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOPDU **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 403140.59N/0750253.94W **TYPE:** WP

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

REMARKS:
8260.54A FORMULA 2-16B APPLIED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 7			KN40	PITTSTOWN	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 09/20/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (JOHN LINDSEY)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: ABE ATCT
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **PITTSTOWN** STATE: **NJ**

AIRPORT NAME: **SKY MANOR** ID: **KN40**

PROCEDURE: **RNAV (GPS) RWY 7** 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 **3.13**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.51**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **054.20**
4. High Terrain in **FINAL** segment containing 1000' point **579**
5. Distance from **THLD** to 1500' point **8.00**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point **054.14**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **604**
9. Threshold Coordinates (if straight-in) ... ***403353.87N / 0745851.53W**
10. ARP Coordinates ..... **403357.18N / 0745845.51W**
11. Runway Approach End and distance furthest from ARP.....RWY **07**
    Distance **0.24** NM
12. FAF Coordinates ..... **403140.59N / 0750253.94W**
    (Click to Select)

REMARKS: Approach/Draw ing attached.* RWY 7 DISPLACED 878 FEET, ACTUAL RWY THLD COORDINATES: 403348.80N/0745900.76W

Federal Aviation Administration

Memorandum

CONCURRENCES	
ROUTING SYMBOL	AJV-34 SBaker
INITIALS/SIG	
DATE	
ROUTING SYMBOL	AJV-354 Lead
INITIALS/SIG	
DATE	
ROUTING SYMBOL	AJV-352 DAdams
INITIALS/SIG	
DATE	
ROUTING SYMBOL	AJV-34 WTerrell
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Darryel Adams, Manager, Terminal Procedures & Charting Services, Eastern Team, AJV-352

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

Textual Departure, AMDT 2
RNAV (GPS) RWY 7, ORIG
RNAV (GPS) RWY 25, ORIG
VOR RWY 7, AMDT 3

Estimated Chart Date: 2/9/2012

Please publish these changes in the National Flight Data Digest.

NEW JERSEY

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Pittstown	Sky Manor	Airport	KN40 / N40	Old 10 ° West New 13 ° West	2010

If you have any questions please notify Darryel Adams (301-427-4824).

cc: ATL-FPT, AJV-3rf
AJV-352:DAdams:sjb:x7537: 9/1/2011: (U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2010\Document Name)
Requested by John Lindsey, AJW-3252; Data Specialist, Glenn King