Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/13/2007	Task #: 2007121310965601001	Request #: 20071213109656
Procedure: VOR RWY 7 AMDT 3		Airport ID: KN40	Airport: SKY MANOR		Reimbursable #:
City: PITTSTOWN	ST: NJ	GPS #:		Estimated Chart Date: 05/03/2012	FICO #: 1076974
Fac ID: SBJ	Fac. Type: VDME	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 2 of 3

PITTSTOWN, NJ SKY MANOR (KN40) VOR RWY 7, AMDT 3 ENROUTE-NO FC: 3.20.12 PUB: 5.3.12

ATTACHED FORMS: 8260-5; 8260-10; 8260-9; 8260-2(S): EVITT-INT, REV 2; MACKE-INT, REV 1; (INFO ONLY) SOLBERG (SBJ) VDME, REV 15.

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

VOR RWY 7

PITTSTOWN/ SKY MANOR (N40)

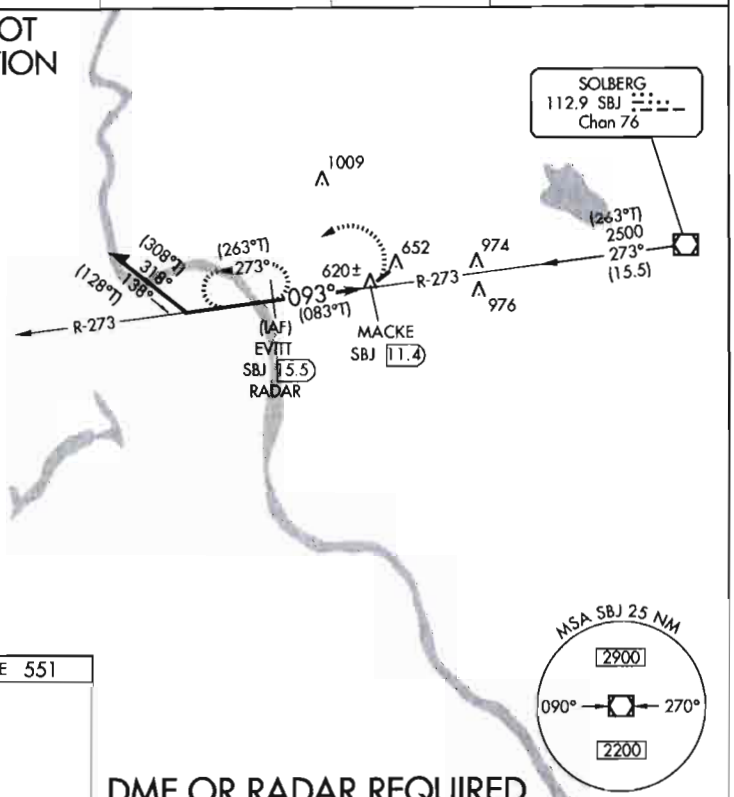
VOR/DME SBJ	APP CRS	Rwy Idg	2022
112.9	093°	THRE	551
Chan 76		Apt Elev	560

DME or radar required. Procedure NA at night. Visibility reduction by helicopters NA. Use Lehigh Valley Intl altimeter setting, when not received, use Trenton altimeter setting and increase all MDA 20 feet.

MISSED APPROACH: Climbing left turn to 2500 on SBJ VOR/DME R-273 to EVITT/SBJ 15.5 DME/RADAR and hold.

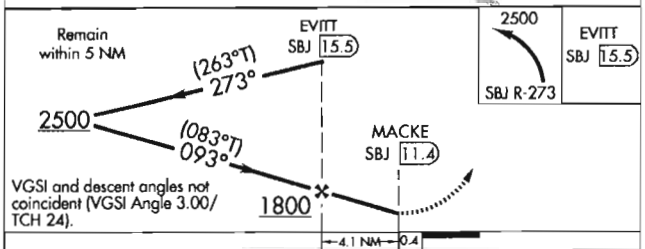
LEHIGH VALLEY INTL ASOS	ALLENTOWN APP CON	GCO	UNICOM
126.975	119.65 124.45 397.9	121.725	122.975 (CTAF)

PROTOTYPE-NOT FOR NAVIGATION



ELEV 560 THRE 551

DME OR RADAR REQUIRED

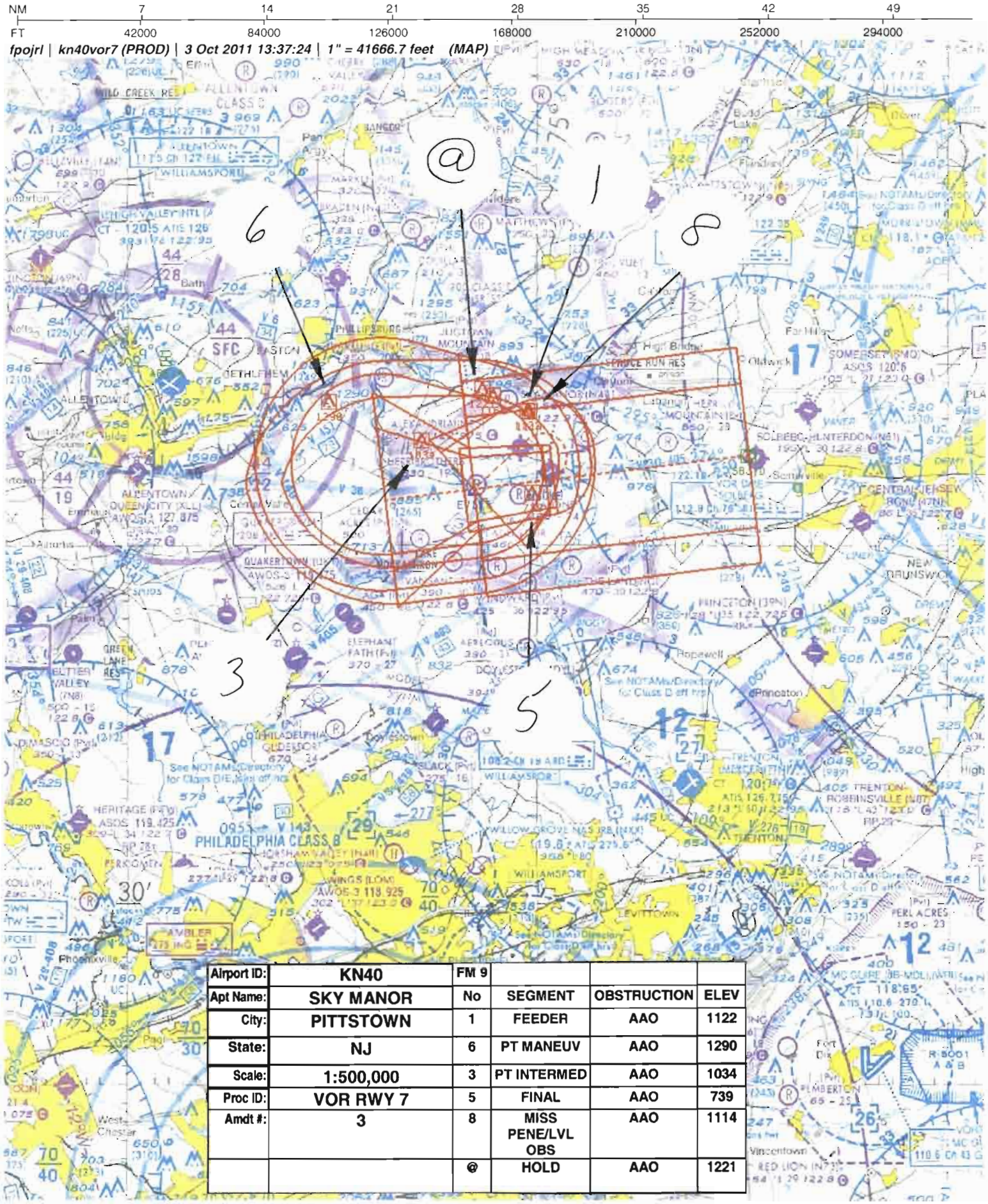


MIRL Rwy 7-25
REIL Rwys 7 and 25

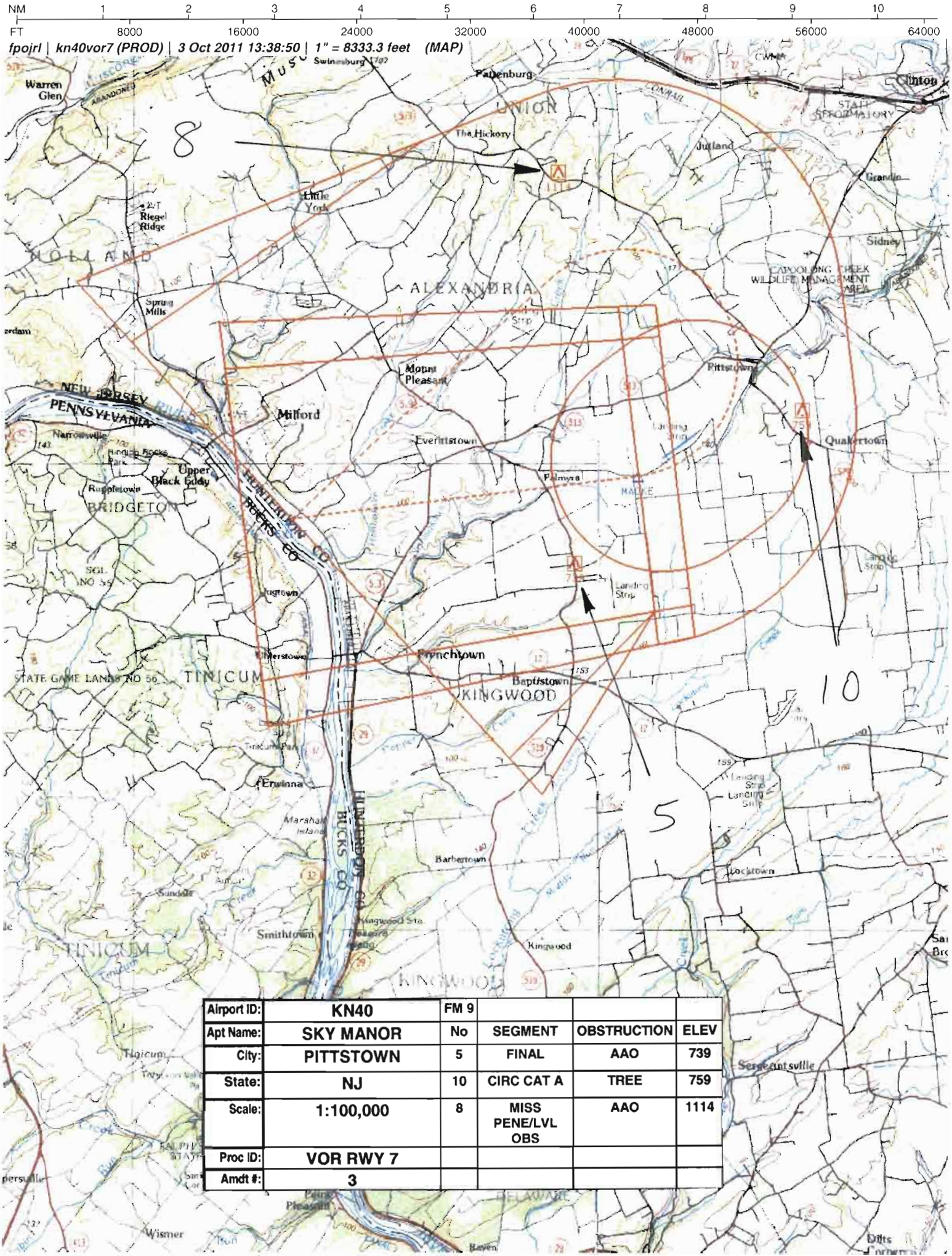
FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

CATEGORY	A	B	C	D
S-7	1220-1 669 (700-1)	NA		
CIRCLING	1220-1 660 (700-1)	NA		



Airport ID:	KN40	FM 9			
Apt Name:	SKY MANOR	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSTOWN	1	FEEDER	AAO	1122
State:	NJ	6	PT MANEUV	AAO	1290
Scale:	1:500,000	3	PT INTERMED	AAO	1034
Proc ID:	VOR RWY 7	5	FINAL	AAO	739
Amdt #:	3	8	MISS PENE/LVL OBS	AAO	1114
		@	HOLD	AAO	1221



Airport ID:	KN40	FM 9			
Apt Name:	SKY MANOR	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSTOWN	5	FINAL	AAO	739
State:	NJ	10	CIRC CAT A	TREE	759
Scale:	1:100,000	8	MISS PENE/LVL OBS	AAO	1114
Proc ID:	VOR RWY 7				
Amdt #:	3				

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
SBJ VOR/DME	EVITT/SBJ 15.47 DME/RADAR	273.18 / 15.47	2500

MISSED APPROACH

MAP: 4.05 MILES AFTER EVITT/SBJ 15.47 DME/RADAR OR AT MACKE/SBJ 11.42 DME FIX

CLIMBING LEFT TURN TO 2500 ON SBJ VOR/DME R-273 TO EVITT/SBJ 15.47 DME/RADAR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 093.18 INBOUND.
FAS OBST: 739 AAO 403231N/0750021W
CHART LEHIGH VALLEY INTL ASOS.
FAC CROSSES RWY C/L EXTENDED 2991 FROM THLD.

1. PT R SIDE OF COURSE 273.18 OUTBOUND 2500 FT WITHIN 5 MILES OF EVITT (IAF)
2.
3. FAC 093.18 FAF EVITT/SBJ 15.47 DME/RADAR DIST FAF TO MAP 4.05 THLD 4.49
4. MIN. ALT EVITT 1800
8. MSA FROM: SBJ VOR/DME 270-090 2900, 090-270 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-7	1220	1	669		NA			NA			NA				
CIRCLING	1220	1	660		NA			NA			NA				

NOTES:

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

CITY AND STATE	ELEVATION: 560 THRE: 551 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PITTSTOWN, NJ	SKY MANOR	SBJ	VOR RWY 7, AMDT 3	SUP VOR OR GPS RWY AMDT 2A DATE 05/10/2007

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] **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**	**10/03/2011**

APPROVED BY

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

CHANGES:

1. CHANGED ALTIMETER CHART NOTE TO READ "USE LEHIGH VALLEY INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE TRENTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET".
2. CHANGED EVITT FROM INT TO DME/RADAR FIX.
3. DELETED ARD FEEDER.
4. CHANGED CHARTING OF TDZE 560 TO THRE 551.
5. CHANGED MACKE FROM A CNF FIX TO A DME FIX.
6. CHANGED MSA SECTOR ALTITUDES FROM 2700/2100 TO 2900/2200.
7. CHANGED FAF ALTITUDE FROM 1700 TO 1800.
8. CHANGED FAF TO MAP DISTANCE FROM 4 NM TO 4.1 NM.
9. ADDED CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
10. ADDED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
11. ADDED CHART NOTE: PROCEDURE NA AT NIGHT.
12. INCREASED MDA/HAT FROM 960/400 TO 1220/669 AND CIRCLING MDA/HAA FROM 1100/540 TO 1220/660.
13. PROCEDURE NAME CHANGED FROM VOR OR GPS RWY 7 TO VOR RWY 7.
SEE 8260-10

REASONS:

1. IAW 8260.19D PARA 804 B (3).
2. ARD FACILITY RESTRICTIONS AND ATC REQUEST.
3. ARD FACILITY RESTRICTIONS.
4. IAW 8260.19D PARA 858.
5. IAW 8260.19D PARA 264.
6-7. NEW CONTROLLING OBSTACLES.
8. MAP RELOCATED.
9. ATC REQUEST.
10-11. LACK OF SURVEYS.
12. NEW CONTROLLING OBSTACLE.
13. DEVELOPMENT OF STAND ALONE RNAV (GPS) RWY 7 ORIGINAL.
14. ATC REQUEST.
15. IAW 8260.19D PARA 855 N (2).

SEE 8260-10

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 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: USE LEHIGH VALLEY INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE TRENTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSTOWN, NJ	**ELEVATION: 560** **THRE: 551** AIRPORT NAME: **SKY MANOR**	**SBJ**	**VOR RWY 7, AMDT 3**	SUP: **VOR OR GPS RWY 7** AMDT: **2A** DATED: **05/10/2007**

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:

CHANGES CONT.
14. ADDED CHART NOTE: DME OR RADAR REQUIRED. 15. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

REASONS:

REASONS CONT.
PDF EDITS:
8260-9:
ADDED 93 FT RASS ADJUSTMENT FOR KTTN IN BLOCK 3.
ADDED KABE ASOS IN BLOCK 2.
ADDED SBJ FACILITY TYPE TO LOWER BLOCKS.

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	SBJ VOR/DME	EVITT/SBJ 15.47	1. AAO	403703.00N/0750042.00W	1122 (4E)	1000	AT378	2500
		DME/RADAR	2. TERRAIN	403703.00N/0750042.00W	922 (900)		AS1000	1900
INTERMEDIATE: PT	5 NM	EVITT/SBJ 15.47	3. AAO	403524.00N/0750830.00W	1034 (4E)	500	AC98	1700
		DME/RADAR	4. TERRAIN	403524.00N/0750830.00W	834 (800)		AS1000	1800
FINAL	EVITT/SBJ 15.47	4.05 MILES AFTER	5. AAO	403230.91N/0750020.66W	739 (2C)	250	RA74 MA131	1220
	DME/RADAR	EVITT/SBJ 15.47						
		DME/RADAR OR AT						
		MACKE/SBJ 11.42						
		DME FIX						
2. PROCEDURE TURN	EVITT	5 NM	6. TOWER (42-002348)	403733.00N/0751517.00W	1290 (1A)	1000		2300
			7. TERRAIN	403733.00N/0751517.00W	1015 (1000)		AS1500	2500
3. MISSED APPROACH MAP:	4.05 MILES AFTER	EVITT/SBJ 15.47	8. AAO	403700.16N/0750036.31W	1114 (2C)	ASC		2500
	EVITT/SBJ 15.47	DME/RADAR	8. AAO	403700.16N/0750036.31W	1114 (2C)	1000		2200
ELEV:	896		9. TERRAIN	403700.16N/0750036.31W	914 (900)		AS1500	2400

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	660	10. TREE	403416.79N/0745652.87W	759 (2C)	300	SI	1220
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: **SBJ VOR/DME**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
270-090	AAO	342/ 28.9	1805 (4E)	2900					
090-270	AAO	266/ 22.7	1180 (6A)	2200					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 560 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
PITTSTOWN, NJ	SKY MANOR	SBJ VOR/DME	VOR RWY 7, AMDT 3	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ABE APP CON ZNY ARTCC MIV FSS	[ ] NWS	OTHER:	SOURCE: KABE / KTTN
	[ ] FAA	ASOS	DISTANCE: 21.70 / 18.93
SATISFACTORY ON:	[ ] A/C		HOURS REMOTE OPERATION: SEE AFD / 24
[X] VHF [X] UHF [ ] HF	LOCATION: KABE		ADJUSTMENT: 74 / 93

4. MONITOR STATUS	PRIMARY NAVAID: SBJ VOR/DME		
	MONITOR POINT: AOCC		
	HRS OPTN: CAT 1	24	
	HRS OPTN: CAT 3		
5. APPROACH & RUNWAY LIGHTING	[ ]	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)	

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	[ ]	RUNWAY THRESHOLD 2991	FT. FROM THRESHOLD
	[X]	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

QUALITY CHECKED

PART D - PREPARED BY: DONALD E. SMITH (JOHN R. LINDSEY)	DATE: 10/03/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RWY 7 DISPLACED, 878 FEET.

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

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

VGSI DATA: 3.00/24

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

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPT.

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

VDA NA: FINAL IS LESS THAN 2.75 DEGREES.

RADIO FIX AND HOLDING DATA RECORD

NAME: EVITT **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 403306.90N/0750439.54W **TYPE:** RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SOLBERG	SBJ	VOR/DME	L	273.18	263.18	15.47	15.47	93997	1800	17500

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	SBJ	VOR/DME	273.18	093.18	L	1		2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TERRAIN	403815.00N/0750400.00W	1221	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 HOLDING CONTAINED WITHIN ABE APCH AREA.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

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

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
1. REMOVED "EFFECTIVE CONCURRENT WITH VOR RWY 7 AMDT 2, PITTSTOWN, NJ." AND "MAG VAR: 10°W SBJ, 10°W ARD" REMARKS.
2. MOVED "HOLDING LIMITED TO ESTABLISHED PATTERNS" REMARK TO RESTRICTIONS.
3. ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.
4. DELETED FAC 2 DUE TO FACILITY RESTRICTIONS.
5. REMOVED INT AND ADDED RADAR TO FIX TYPE PER ATC REQUEST.
6. CHANGED FAC 1 BRG FROM 272.88 TO 273.18.
7. ADDED DISTANCE FROM FAC TO FAC 1.
8. CHANGED FAC 1 MAA FROM 5000 TO 17500 AND MRA FROM 2500 TO 1800.
9. CHANGED HOLD PAT 1 INBOUND HEADING FROM 093.00 TO 093.18, MAX ALTITUDE FROM 5000 TO 6000 AND TEMPLATES FROM 4/3 TO 5/6.
10. UPDATED FIX USE.
11. MOVED FIX 503.51 FT NORTH AND UPDATED COORDINATES.
12. CHANGED HOLD PAT 1 KIAS FROM 175 TO 200.
13. UPDATED HOLD PAT 1 CONTROLLING OBSTACLE.

DEVELOPED BY: **DATE:** 09/28/2011 **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: ABE APP CON

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MACKE **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 403336.60N/0745922.99W **TYPE:** DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SOLBERG	SBJ	VOR/DME	L	273.18	263.18	11.42	11.42		1120	2500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
1. ADDED DME TO FIX TYPE AND REMOVED CNF.
2. ADDED SBJ AS FAC 1.
3. MOVED FIX 613.65 FT NORTHEAST AND UPDATED COORDINATES.
4. ADDED IAP TO CHARTING.
5. ADDED FIX USE.

DEVELOPED BY: **DATE:** 09/28/2011 **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: ABE APP CON

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: SOLBERG VOR/DME **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 403458.96N/0744430.46W **TYPE:**

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	SOLBERG	SBJ	VOR/DME	L							17500

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	SE	SBJ	VOR/DME	130.00	310.00	R	1		2300	6000	4	5
2	S	SBJ	VOR/DME	195.85	015.85	R	1		2200	6000	4	5
3	SW	SBJ	VOR/DME	237.25	057.25	R	1		2100	6000	4	5
4	NW	SBJ	VOR/DME	308.12	128.12	L	1		2500	6000	4	5
5	N	SBJ	VOR/DME	351.00	171.00	R	1		2200	6000	4	5
6	S		WP	198.88	018.88	R		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403554.00N/0744927.00W	1109	4E
1	310	AAO	404154.73N/0745058.85W	1187	2A
2	200	AAO	403648.00N/0744751.00W	1057	4E
2	310	AAO	404124.96N/0744808.96W	1159	2C
3	200	AAO	403554.00N/0744927.00W	1039	2C
4	200	AAO	404154.73N/0745058.85W	1187	2A
5	200	AAO	404154.73N/0745058.85W	1187	2A
6	200	AAO	403646.84N/0744751.42W	1039	2C
6	310	AAO	404124.96N/0744808.96W	1159	2C

REASON FOR NONSTANDARD HOLDING:
PAT 4 PHL APP CON AIRSPACE BOUNDARY

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR-A	KN51	READINGTON	NJ (US)
2	VOR RWY 04	KN51	READINGTON	NJ (US)
6	RNAV (GPS) RWY 12	KSMQ	SOMERVILLE	NJ (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN			KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN			KHVN	NEW HAVEN	CT (US)
DP	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	TAKE-OFF MINIMUMS			KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	LONG ISLAND			KISP	NEW YORK	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	STEWART			KSWF	NEWBURGH	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J75					(US)
EN ROUTE	V232					(US)
EN ROUTE	V249					(US)
EN ROUTE	V3-V405					(US)
EN ROUTE	V3-V405-V419					(US)
EN ROUTE	V3-V419					(US)
EN ROUTE	V30-V405					(US)
EN ROUTE	V403					(US)
EN ROUTE	V6					(US)
IAP	RNAV (GPS) RWY 04			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 10			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 25			K47N	MANVILLE	NJ (US)

QUALITY CHECKED

IAP	VOR-A	4	K47N	MANVILLE	NJ (US)
IAP	RNAV (GPS) RWY 05		KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (RNP) Y RWY 23		KMMU	MORRISTOWN	NJ (US)
IAP	VOR RWY 07		KN40	PITTSTOWN	NJ (US)
IAP	VOR OR GPS RWY 08		KN85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS) RWY 10		K39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR-A	5	K39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR RWY 04	2	KN51	READINGTON	NJ (US)
IAP	VOR-A	1	KN51	READINGTON	NJ (US)
IAP	RNAV (GPS) RWY 12	6	KSMQ	SOMERVILLE	NJ (US)
IAP	VOR RWY 08	3	KSMQ	SOMERVILLE	NJ (US)
IAP	ILS RWY 06		KTEB	TETERBORO	NJ (US)
IAP	ILS RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) X RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) Y RWY 06		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS)-C		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 06		KTEB	TETERBORO	NJ (US)
IAP	VOR/DME RWY 06		KTEB	TETERBORO	NJ (US)
IAP	VOR OR GPS RWY 24		KTTN	TRENTON	NJ (US)
IAP	ILS OR LOC RWY 06		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24		KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24		KABE	ALLENTOWN	PA (US)
IAP	VOR-A		KABE	ALLENTOWN	PA (US)
IAP	VOR RWY 23		KDYL	DOYLESTOWN	PA (US)
IAP	GPS RWY 36		KN43	EASTON	PA (US)
OTHER	ROUTE 80 VISUAL RWY 23 APPROACH		KMMU	MORRISTOWN	NJ (US)
STAR	DYLIN		KEWR	NEWARK	NJ (US)
STAR	JAIKE (RNAV)		KTEB	TETERBORO	NJ (US)
STAR	LENDY		KJFK	NEW YORK	NY (US)
STAR	GATBY		KLGA	NEW YORK	NY (US)
STAR	KORRY		KLGA	NEW YORK	NY (US)
STAR	MILTON		KLGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
UPDATED FIX USE.
UPDATED HOLDING PATTERN 3, CHANGED RAD/CRS/BRG FROM 237.00 TO 237.25 AND CHANGED CRS INBOUND FROM 057.00 TO 057.25.
REMOVED "200'" FROM CONTOLLING OBSTRUCTIONS/OBSTRUCTION DESCRIPTION.
DELETED CONTROLLING OBSTRUCTION PATTERN FROM PATTERN 3.
DELETED PROCEDURES REQUIRING CLIMB-IN-HOLD PATTERN 3.

DEVELOPED BY: **DATE:** 09/28/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (RODNEY TEMPLETON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NY TRACON
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **VOR RWY 7** AMDT: **3**

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 **3.82**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **3.48**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **083.18**
4. High Terrain in **FINAL** segment containing 1000' point **579**
5. Distance from **FAF** to 1500' point **7.00**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **3.80**
7. True Course of **INTERMEDIATE** segment containing 1500' point **083.18**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **1033**
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 ..... **403306.90N / 0750439.54W**
    (Click to Select)

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

Federal Aviation Administration

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

Memorandum

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