Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/03/2009	Task #: 2009080317564401003	Request #: 20090803175644
Procedure: VOR-A AMDT 4		Airport ID: KN14	Airport: FLYING W		Reimbursable #:
City: LUMBERTON	ST: NJ	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID: RBV	Fac. Type: VORTAC		Specialist: STEVE BRUMMETT		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	11/30/2011	02/27/2012	DONALD SMITH	
QA:	02/27/2012	02/28/2012	SCOTT BEARD	
Liaison:	02/28/2012		Terrell	

P1

Procedure Comments:

Remark Type: INFORMATION

pg 3 of 4

LUMBERTON, NJ FLYING W (KN14) VOR-A, AMDT 4 ENROUTE-NO FC: 6.12.12 PUB: 7.26.12

ATTACHED FORMS: 8260-5; 8260-9; 8260-2(S): GOLDE-INT, REV 3; PONDE-INT, REV 3; (INFO ONLY) COYLE (CYN) VTAC, REV 16; ROBBINSVILLE (RBV) VTAC, REV 17.

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

VOR-A

LUMBERTON / FLYING W (N14)

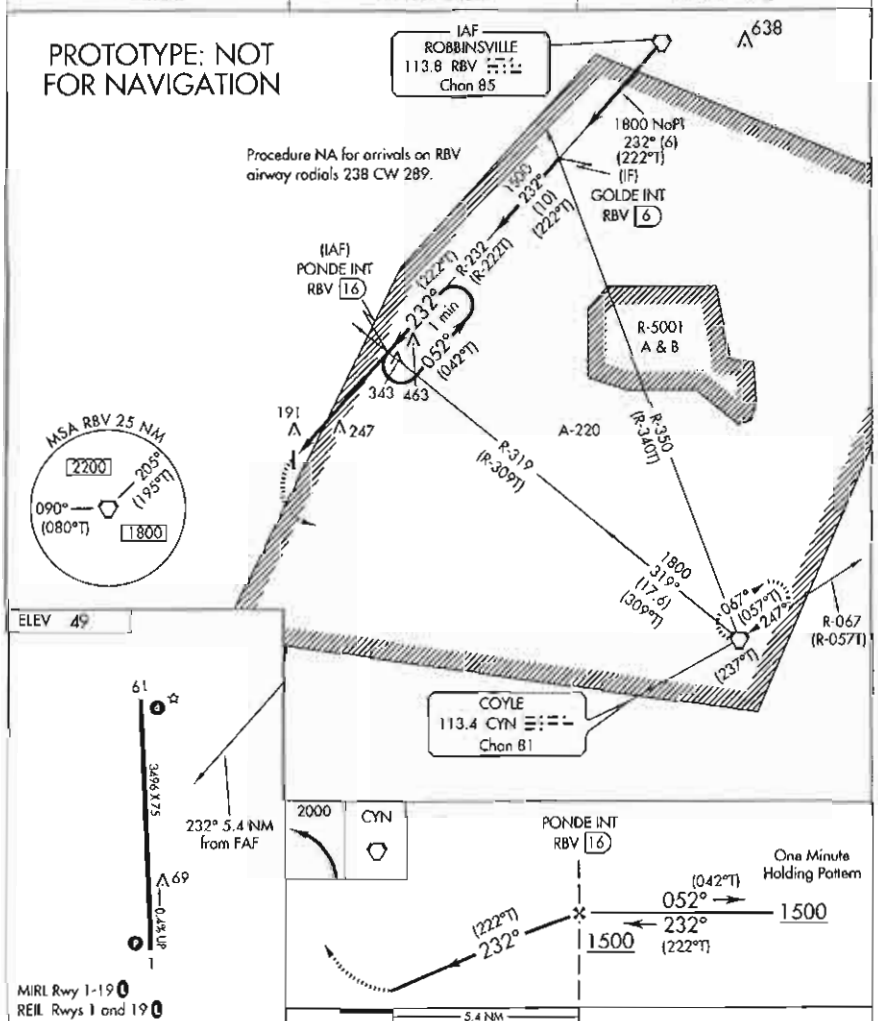
VORTAC RBV 113.8 Chan 85	APP CRS 232°	Rwy ldg N/A TDZE N/A Apt Elev 49

Visibility reduction by helicopters NA. Use Mount Holly altimeter setting, when not received use Northeast Philadelphia altimeter setting and increase all MDA 40 feet When VGSI inop Circling Rwy 1 NA at night.

NA

MISSED APPROACH: Climbing left turn to 2000 direct CYN VORTAC and hold.

SOUTH JERSEY RGNL ASOS	MC GUIRE APP CON	UNICOM
119.325	124.15 363.8	122.8 (CTAF)



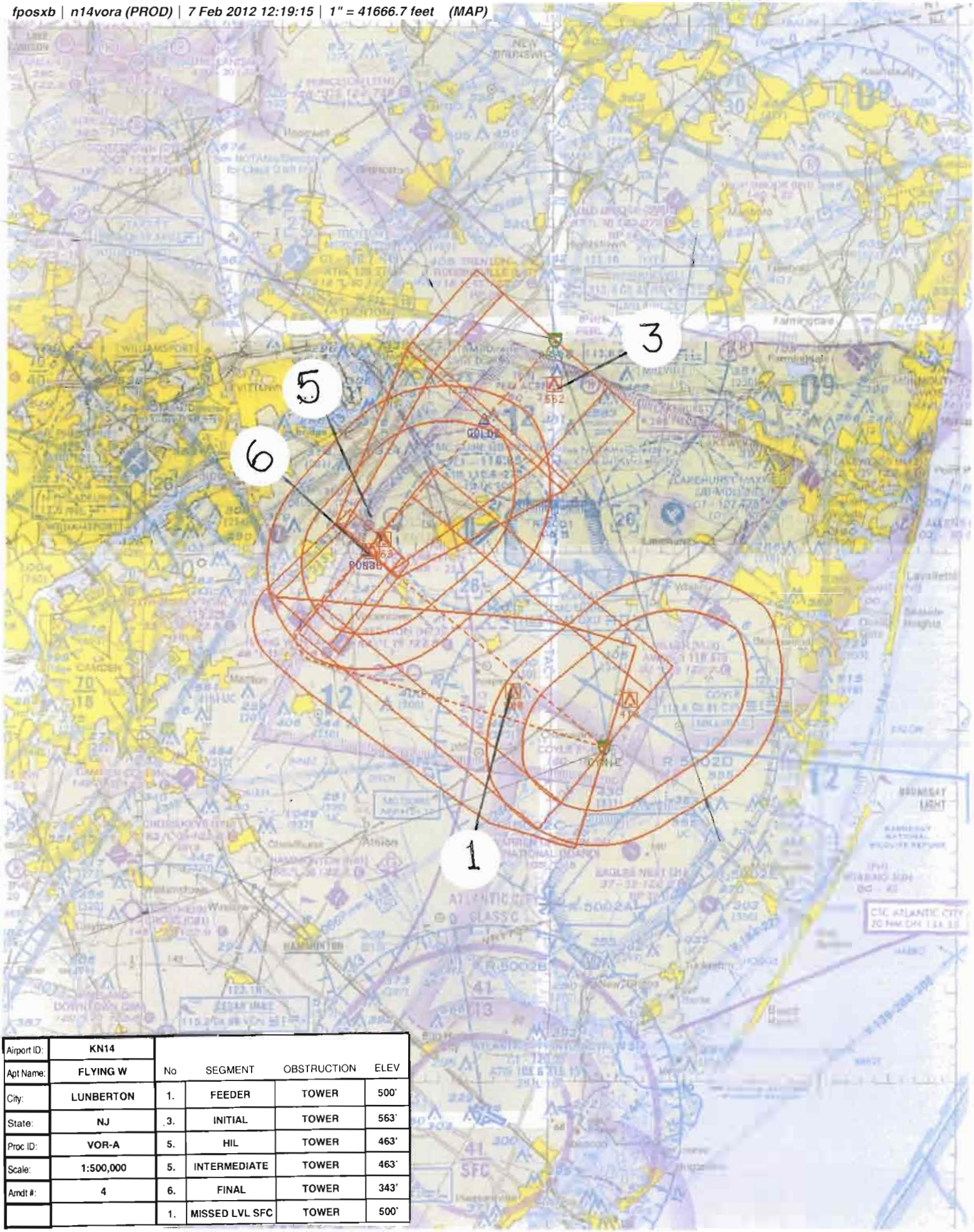
FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

CATEGORY	A	B	C	D
CIRCLING	600-1 551 (600-1)	600-1¼ 551 (600-1¼)	NA	

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fposxb | n14vora (PROD) | 7 Feb 2012 12:19:15 | 1" = 41666.7 feet (MAP)

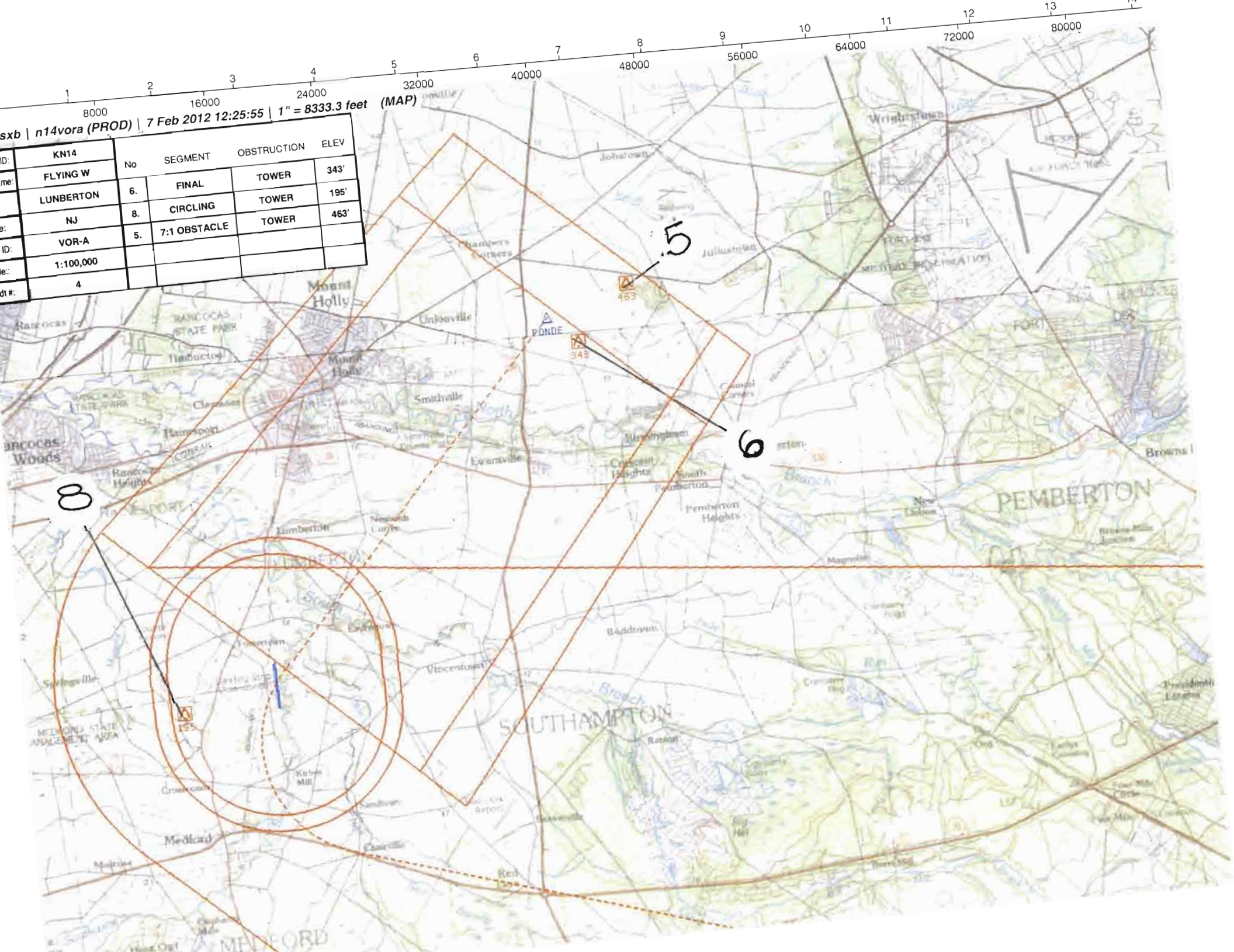


Airport ID:	KN14				
Apt Name:	FLYING W	No	SEGMENT	OBSTRUCTION	ELEV
City:	LUNBERTON	1.	FEEDER	TOWER	500'
State:	NJ	3.	INITIAL	TOWER	563'
Proc ID:	VOR-A	5.	HIL	TOWER	463'
Scale:	1:500,000	5.	INTERMEDIATE	TOWER	463'
Amdt #:	4	6.	FINAL	TOWER	343'
		1.	MISSED LVL SFC	TOWER	500'

sxb | n14vora (PROD) | 7 Feb 2012 12:25:55 | 1" = 8333.3 feet (MAP)

ID:	KN14
me:	FLYING W
	LUNBERTON
e:	NJ
ID:	VOR-A
le::	1:100,000
dt #:	4

No	SEGMENT	OBSTRUCTION	ELEV
6.	FINAL	TOWER	343'
8.	CIRCLING	TOWER	195'
5.	7:1 OBSTACLE	TOWER	463'



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
CYN VORTAC	PONDE INT/RBV 16.00 DME	319.42 / 17.64	1800
RBV VORTAC (IAF)	GOLDE INT/RBV 6.00 DME (NOPT)	232.00 / 6.00	1800
GOLDE INT/RBV 6.00 DME (IF)	PONDE INT/RBV 16.00 DME	232.00 / 10.00 (RBV R-232)	1500

MISSED APPROACH

MAP: 5.36 MILES AFTER PONDE INT/16.00 DME

CLIMBING LEFT TURN TO 2000 DIRECT CYN VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 247.00 INBOUND.
CHART FAS OBST: 343 TOWER 395949N/0744310W
CHART 463 TOWER 400029N/0744221W.
CHART MOUNT HOLLY ASOS.
CHART R-5001 A & B.
CHART A-220.
FAC CROSSES MID POINT OF RWY 1/19.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE PONDE, LT, 232.00 INBOUND, 1500 FT. IN LIEU OF PT (IAF)**
3. FAC **232.00** FAF **PONDE INT/RBV 16.00 DME** DIST FAF TO MAP **5.36** THLD ____
4. MIN. ALT **GOLDE 1800, PONDE 1500**
8. MSA FROM: **RBV VORTAC 025-270 1800, 270-025 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
CIRCLING	600	1	551	600	1 1/4	551		NA			NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE MOUNT HOLLY ALTIMETER SETTING, WHEN NOT RECEIVED USE NORTHEAST PHILADELPHIA ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.
CHART NOTE: WHEN VGSI INOP CIRCLING RWY 1 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RBV AIRWAY RADIALS 238 CW 289.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 49 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LUMBERTON, NJ	AIRPORT NAME: **FLYING W**	**RBV**	**VOR-A, AMDT 4**	AMDT **3**
				DATE **02/16/2006**

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]	[X]	[X] **WRI APP CON, ZNY, ARPT MGR, NJ DOT/DIV OF AERO**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **STEVE BRUMMETT**	FIFO **AJV-352**	DATE: **12/16/2011**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. UPDATED PROCEDURE OBSTRUCTIONS.
2. ADDED CIRCLING RWY 1 AT NIGHT NA.
3. ADDED NOTE VISIBILITY REDUCTION BY HELICOPTERS NA.
4. RAISED MSA ALTITUDES 025-270 FROM 1700 TO 1800 AND 270-025 FROM 2100 TO 2200.
5. CHANGED PRIMARY ALTIMETER SETTING FROM KWRI TO KVAY AND ADDED BACKUP ALTIMETER KPNE CHANGING RA FROM 37 FEET TO O.
6. LOWERED MDA FROM 640 TO 600.
7. ADDED PROCEDURE NA PLANVIEW NOTE FROM RBV.

REASONS:

1. NEW ANALPV 3RD PARTY SURVEY.
2. RWY 1 HAS UNLIT 20:1 PENETRATORS AND UNVERIFIED VGSI.
3. 34:1 PENTRATORS TO BOTH RWYS.
4. PRIOR PROCEDURE ROUNDED MSL ALTITUDES DOWN INSTEAD OF UP.
5. KWRI ASOS ONLY TRANSMITS UHF, KVAY WITHIN 1.85 NM PART TIME AND KPNE ASOS SERVICE A FULL TIME.
6. CHANGE OF PRIMARY ALTIMETER SETTING.
7. TURNS OVER FACILITY MORE THAN 120 DEGREES.

QUALITY A CHECKED

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	CYN VORTAC	PONDE INT/RBV	1. TOWER (34-000091)	395152.00N/0743240.00W	500 (5D)	1000	AT300	1800
		16.00 DME	2. TERRAIN	400024.00N/0744200.00W	243 (200)		AS1500	1700
INITIAL	RBV VORTAC	GOLDE INT/RBV	3. TOWER (34-000258)	400916.00N/0742946.00W	562 (3C)	1000		1600
		6.00 DME	4. TERRAIN	401112.00N/0742851.00W	345 (300)		AS1500	1800
INTERMEDIATE	GOLDE INT/RBV	PONDE INT/RBV	5. TOWER (34-000411)	400029.00N/0744221.00W	463 (5D)	500	AT537	1500
	6.00 DME	16.00 DME	2. TERRAIN	400024.00N/0744200.00W	243 (200)		AS1000	1200
FINAL	PONDE INT/RBV	5.36 MILES AFTER	6. TOWER (34-000746)	395949.00N/0744310.00W	343 (3C)	250		600
	16.00 DME	PONDE INT/16.00						
		DME						
2. HOLD-IN-LIEU-OF-PT	PONDE	P-4	5. TOWER (34-000411)	400029.00N/0744221.00W	463 (5D)	1000		1500
			2. TERRAIN	400024.00N/0744200.00W	243 (200)		AS1000	1200
3. MISSED APPROACH — MAP:	5.36 MILES AFTER	CYN VORTAC				ASC		2000
	PONDE INT/16.00		1. TOWER (34-000091)	395152.00N/0743240.00W	500 (2C)	1000		1500
ELEV:	350		7. TERRAIN	395136.00N/0744821.00W	204 (200)		AS1500	1700

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	551	8. TRMSN TWR	395543.00N/0744953.99W	195 (2C)	300	SI	600
CATEGORY B	1.5 NM	450	551	8. TRMSN TWR	395543.00N/0744953.99W	195 (2C)	300	SI	600
CATEGORY C	1.7 NM	450							
CATEGORY D	2.3 NM	550							
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
025-270	TWR (34-020055)	089/ 14.8	772 (2C)	1800					4
270-025	AAO	338/ 28.1	1109 (4E)	2200					

ORIGINAL CHECKED

CITY AND STATE	ELEVATION: 49 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LUMBERTON, NJ	FLYING W	RBV	VOR-A, AMDT 4	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
WRI APP CON	N W S	OTHER: ASOS	SOURCE: KVAY / KPNE
	F A A		DISTANCE: 1.85 / 12.90
	A / C		HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KVAY		ADJUSTMENT: 0 / 40

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

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 01 (PCL), 19 (PCL)
	X	REIL 01 (PCL), 19 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 01 (PCL), 19 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 01, 19
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: NONE

PART D - PREPARED BY: STEVE BRUMMETT	DATE: 12/16/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PARA 251, 20:1 PENETRATION.

PART B, 9: FINAL APPROACH COURSE CROSSES MID POINT RWY 1/19.

NO ADDITIONAL AIRSPACE REQUIRED.
RASS PRESSURE PATTERNS SAME
KVAY 52.8, KPNE 119.9, KN14 49.3
RA = 39.56.

TERPS VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1 (RWY 1 ONLY)
139 TREE (34-023398) 395525.24N/0744822.80W (7.88)
127 TREE (34-023399) 395528.42N/0744828.31W (12.81)
94 TREE (34-023518) 395539.91N/0744822.80W (37.01)
100 TREE (34-023519) 395535.33N/0744825.21W (20.25)
81 TREE (34-023520) 395537.31N/0744825.99W (11.37)
86 TREE (34-023527) 395537.85N/0744822.98W (18.63)
118 TREE (34-023528) 395543.70N/0744822.64W (80.14)
46 TREE (34-023529) 395543.40N/0744826.11W (7.17)
107 TREE (34-023530) 395541.28N/0744822.09W (56.83)
85 TREE (34-023533) 395536.10N/0744824.23W (8.98)
76 TREE (34-023534) 395538.57N/0744824.63W (12.53)
90 TREE (34-023537) 395536.40N/0744822.05W (15.16)
72 TREE (34-023539) 395539.45N/0744823.99W (12.88)
76 TREE (34-023540) 395540.85N/0744823.29W (23.84)
81 TREE (34-023541) 395542.71N/0744822.22W (38.07)
110 TREE (34-023566) 395535.11N/0744822.57W (28.72)
110 TREE (34-023567) 395532.56N/0744822.65W (15.85)
105 TREE (34-023568) 395533.28N/0744822.59W (15.10)
123 TREE (34-023569) 395529.11N/0744827.30W (12.14)
96 TREE (34-023581) 395532.40N/0744828.17W (1.90)
118 TREE (34-023583) 395531.25N/0744825.39W (17.66)
99 TREE (34-023585) 395533.38N/0744823.86W (9.18)
110 TREE (34-023588) 395530.92N/0744819.99W (7.15)
98 TREE (34-023589) 395533.62N/0744819.96W (8.78)
112 TREE (34-023596) 395534.59N/0744828.61W (29.04)
99 TREE (34-023597) 395534.00N/0744825.68W (12.60)

PARA 289 APPLIED TO 463 TOWER 400029N/0744310W

QUALITY A CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GOLDE **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 400740.79N/0743456.15W **TYPE:** 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	232.00	222.00	6.00	6.00		1700	17500
2	COYLE	CYN	VORTAC	H	349.59	339.59		19.88		1700	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1, 2		KN14	LUMBERTON	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX USE UPDATED.
ADDED DIST FROM FAC.

DEVELOPED BY: **DATE:** 12/16/2011 **OFFICE:** AJV-352 **NAME:** STEVE BRUMMETT

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZDC
ATC FACILITY: WRI APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PONDE **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 400013.80N/0744337.98W **TYPE:** 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	232.00	222.00	16.00	16.00	97220	1500	17500
2	COYLE	CYN	VORTAC	H	319.42	309.42		17.64		1500	17500

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	NE	RBV	VORTAC	232.00	232.00	L	1		1500	4000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (31-0411)	400029.00N/0744221.00W	463	5D

REASON FOR NONSTANDARD HOLDING:
PAT 1 AIRSPACE RESTRICTIONS

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING WITHIN R-5001 A & B

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1, 2	1	KN14	LUMBERTON	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED FIX USE.
REVISED REMARKS ADDED PRECIPITOUS TERRAIN EVALUATION.
ADDED HOLDING RESTRICTION.

DEVELOPED BY: **DATE:** 12/16/2011 **OFFICE:** AJV-352 **NAME:** STEVE BRUMMETT

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 394902.42N/0742553.85W **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	DIST FROM FAC FEET	MRA	MAA
1	COYLE	CYN	VORTAC	H							45000

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	NE	CYN	VORTAC	067.00	247.00	R	1		2000	8000	4	8
2	W	CYN	VORTAC	260.00	080.00	L	1		2000	8000	4	8
3	NE		WP	067.00	247.00	R		4	2000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	395122.20N/0742406.20W	418	2A
2	200	TOWER (34-000091)	395152.00N/0743240.00W	500	5D
3	200	AAO	395122.20N/0742406.20W	418	2A

REASON FOR NONSTANDARD HOLDING:
PAT 2 T0 PROVIDE SEPARATION FROM R-5002

INFO ONLY

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.
PAT 1: PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-5001A/B; R-5002A ABOVE 6000.
PAT 2: PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-5002A ABOVE 6000.
CHART HOLDING PAT 1 ON ENROUTE LOW

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

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	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	J110					(US)
EN ROUTE	J150					(US)
EN ROUTE	J209					(US)
EN ROUTE	J37					(US)
EN ROUTE	V1					(US)
EN ROUTE	V16					(US)
EN ROUTE	V312					(US)
IAP	COPTER ILS OR LOC/DME RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC/DME RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 4			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR-B			KN81	HAMMONTON	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)
IAP	RNAV (GPS) RWY 6			KN12	LAKEWOOD	NJ (US)
IAP	VOR RWY 6			KN12	LAKEWOOD	NJ (US)
IAP	RNAV (GPS) RWY 19			KN14	LUMBERTON	NJ (US)
IAP	VOR-A		1	KN14	LUMBERTON	NJ (US)
IAP	VOR OR GPS RWY 26		1	KVAY	MOUNT HOLLY	NJ (US)
IAP	ILS RWY 6			KMJX	TOMS RIVER	NJ (US)
IAP	VOR OR GPS RWY 24			KMJX	TOMS RIVER	NJ (US)
IAP	VOR OR GPS RWY 6		2	KMJX	TOMS RIVER	NJ (US)
IAP	RNAV (GPS) RWY 5		3	KN73	VINCENTOWN	NJ (US)
IAP	VOR-A		1	KN73	VINCENTOWN	NJ (US)
IAP	ILS OR LOC RWY 24		1	KWRI	WRIGHTSTOWN	NJ (US)
IAP	ILS OR LOC RWY 6			KWRI	WRIGHTSTOWN	NJ (US)

IAP	ILS OR LOC RWY 6 (CAT II)		KWRI	WRIGHTSTOWN	NJ (US)
IAP	VOR/DME OR TACAN RWY 18		KWRI	WRIGHTSTOWN	NJ (US)
IAP	VOR/DME OR TACAN RWY 24	1	KWRI	WRIGHTSTOWN	NJ (US)
IAP	VOR/DME OR TACAN RWY 36		KWRI	WRIGHTSTOWN	NJ (US)
IAP	ILS OR LOC RWY 27L		KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 27L		KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 33		KPNE	PHILADELPHIA	PA (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		KLGA	NEW YORK	NY (US)
STAR	BOUNO		KHPN	WHITE PLAINS	NY (US)
STAR	NESTO		KPIT	PITTSBURGH	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
UPDATED COORDINATES PER AVNIS DATA
UPDATED PATTERN 2 OBST ID FROM 31-0091
UPDATED FIX USE

DEVELOPED BY: **DATE:** 08/18/2011 **OFFICE:** AJV-352 **NAME:** JILL OLSON (BRIAN BERUBEE)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZNY
ATC FACILITY: WRI, ACY APP CON
OTHER:

QUALITY 1 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	DIST FROM FAC 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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES 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.

INFO ONLY

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	RNAV (GPS) RWY 14			KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	RNAV (GPS) RWY 32		5	KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	VOR-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)

QUALITY CHECKED

IAP	VOR RWY 24			KNEL	LAKEHURST	NJ (US)
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 1 CHECKED