Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 05/18/2009	Task #: 2008062414816801003	Request #: 20080624148168
Procedure: RNAV (GPS) RWY 28 ORIG		Airport ID: KN38	Airport: WELLSBORO JOHNSTON		Reimbursable #:
City: WELLSBORO	ST: PA	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID: N38	Fac. Type: Proc-W	Specialist: TERENCE SHARP			P1

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	01/04/2012	07/24/2012	STEVEN SZUKALA	
QA:	07/24/2012	07/24/2012	STEVEN SZUKALA	
Liaison:	07/24/2012		K. Spurlin	P1

Procedure Comments:

Remark Type: INFORMATION

PKG 2 of 3

WELLSBORO, PA WELLBORO JOHNSTON (KN38) RNAV (GPS) RWY 28, ORIG ENROUTE-NO FC BY 10/2/12 PUB 11/15/12

ATTACHED FORM(S): 8260-3: 8260-9: 8260-2(S); COVOJ, PA (REV 1); NOZVY, PA (REV 1); WUDUL, PA (ORIG).

PROCEDURE DELVELOPED IN SILVER SPRING

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636

WAAS CH 99530 W28A	APP CRS 279°	Rwy ldg 3600 THRE 1881 Apt Elev 1892

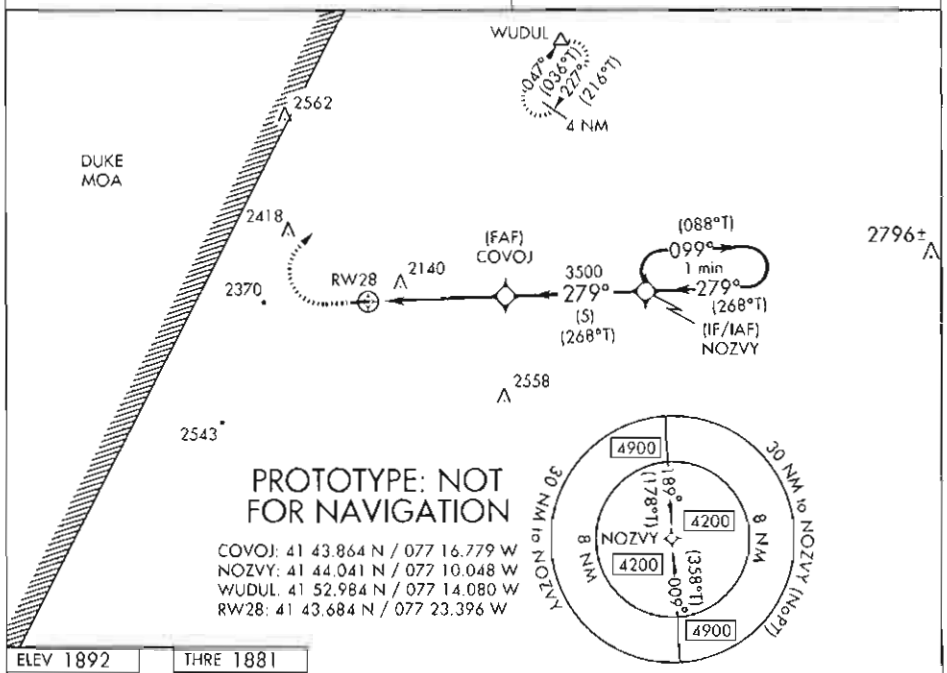
RNAV (GPS) RWY 28
WELLSBORO JOHNSTON (N38)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Elmira/Corning altimeter setting; when not received use Williamsport altimeter setting and increase all MDA 80 ft, increase LP Cat C visibility ½ mile, increase LNAV Cat A visibility ½ mile. When VGSI inop, procedure NA at night.

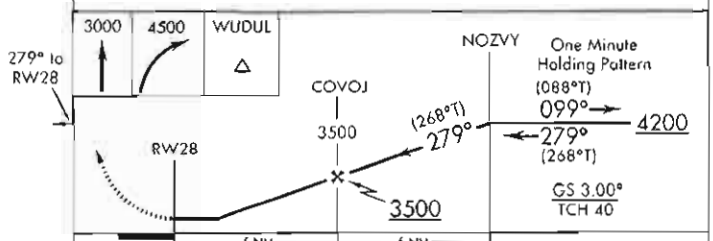
NA

MISSED APPROACH: Climb to 3000 then climbing right turn to 4500 direct WUDUL and hold

ELMIRA APP CON *	UNICOM
119.45 257.8	122.8 (CTAF)

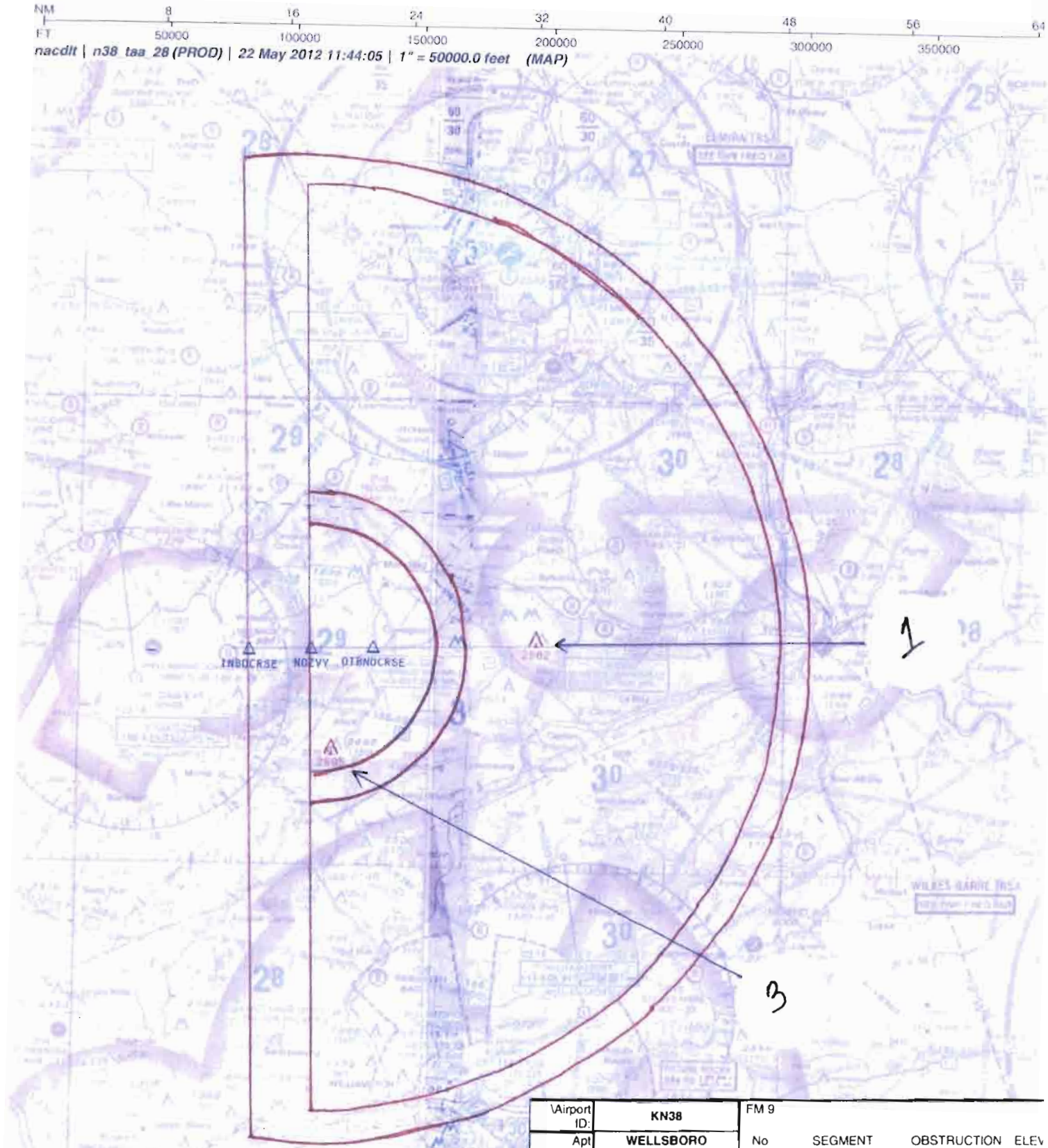


ELEV 1892 THRE 1881

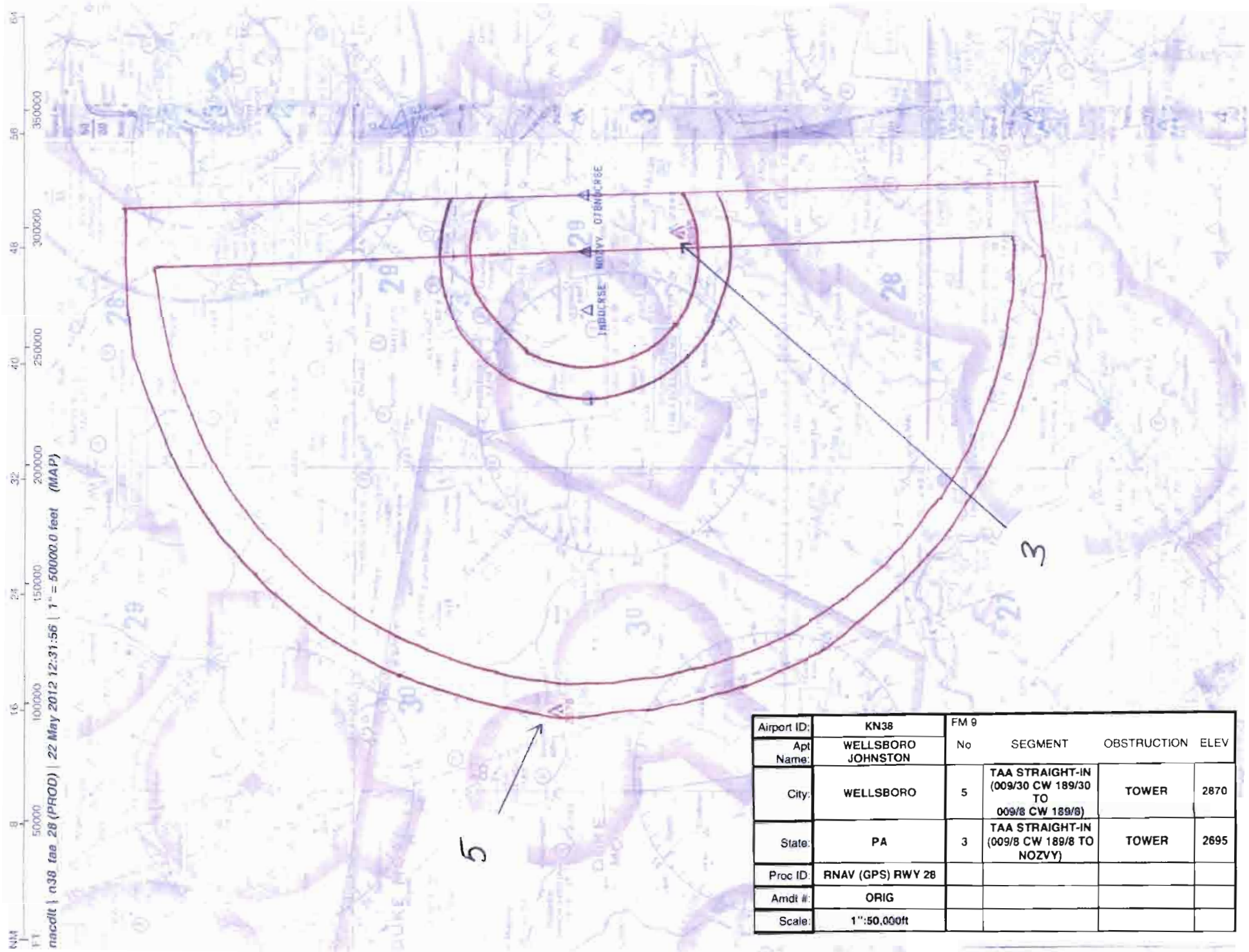


CATEGORY	A	B	C	D
LP MDA	2520-1 639 (700-1)	2520-1 639 (700-1)	2520-1¾ 639 (700-1¾)	NA
LNAV MDA	2740-1¼ 859 (900-1¼)		2740-2½ 859 (900-2½)	NA
CIRCLING	2940-1¼ 1048 (1100-1¼)	2940-1½ 1048 (1100-1½)	2940-3 1048 (1100-3)	NA

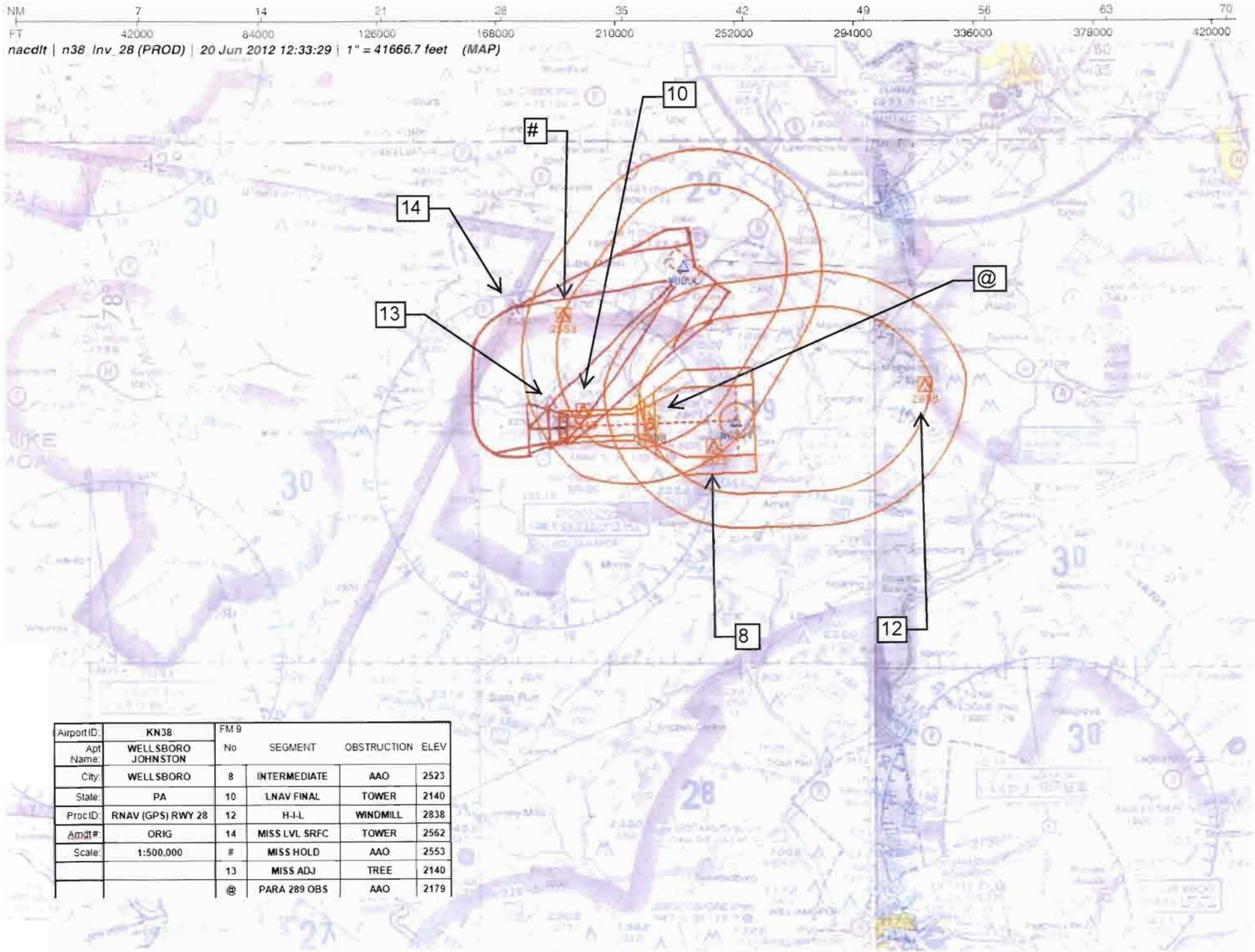
MIRL Rwy 10-28
REIL Rwys 10 and 28



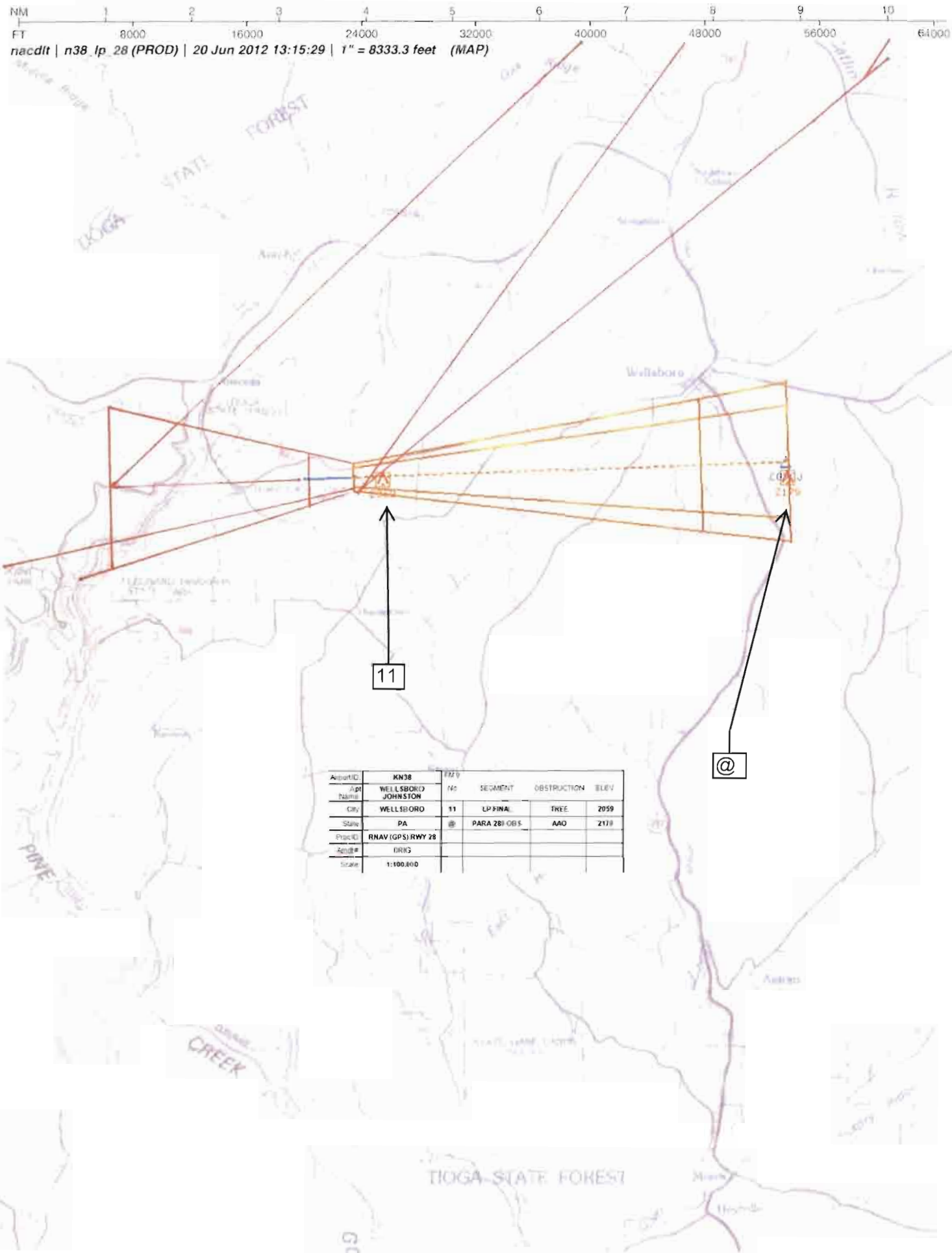
\Airport ID:	KN38	FM 9			
Apt Name:	WELLSBORO JOHNSTON	No	SEGMENT	OBSTRUCTION	ELEV
City:	WELLSBORO	1	TAA STRAIGHT-IN (189/30 CW 009/30 TO 189/8 CW 009/8)	WINDMILL	2802
State:	PA	3	TAA STRAIGHT-IN (189/8 CW 009/8 TO NOZVY)	TOWER	2695
Proc ID:	RNAV (GPS) RWY 28				
Amdt #:	ORIG				
Scale:	1":50,000ft				

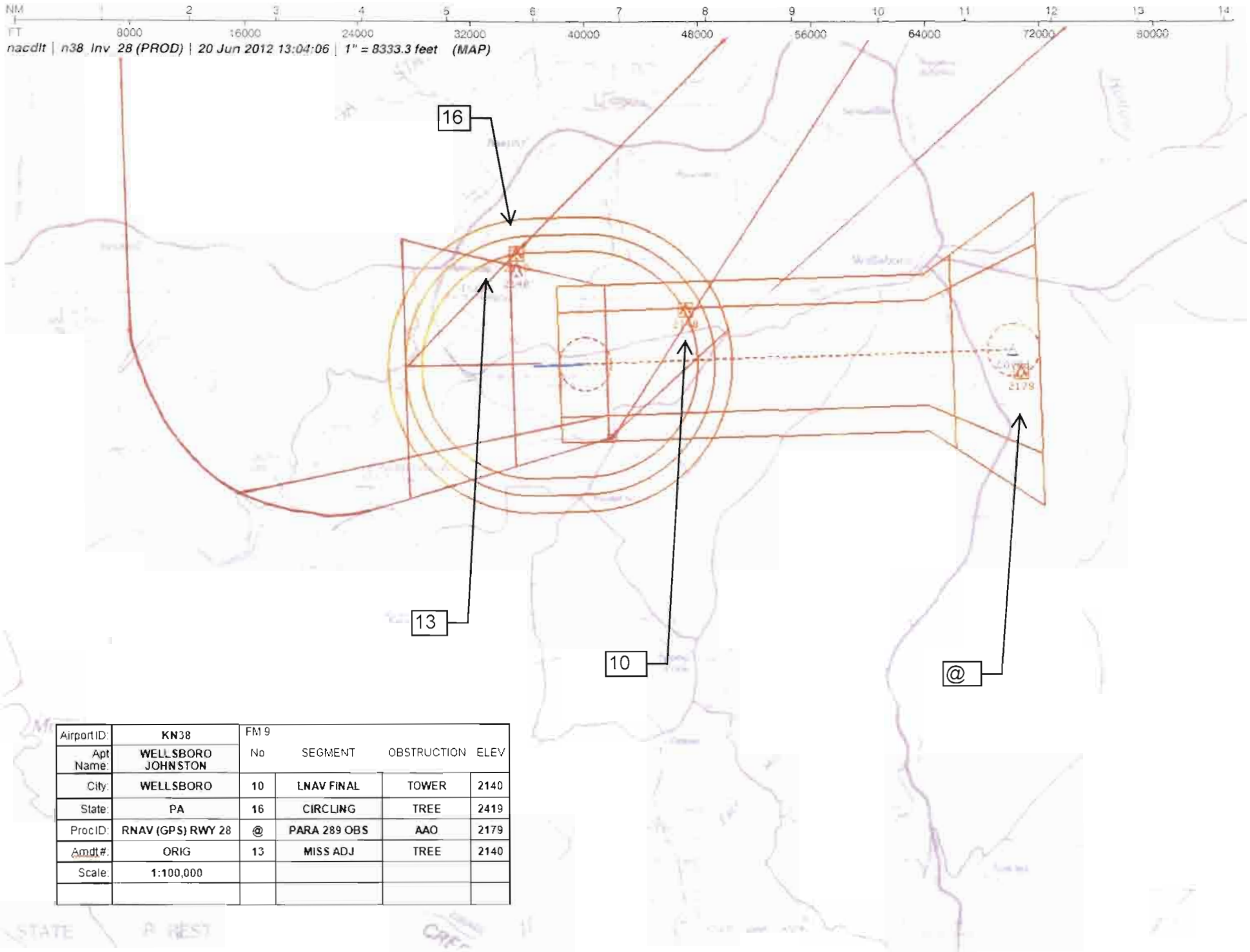


Airport ID:	KN38	FM 9			
Apt Name:	WELLSBORO JOHNSTON	No	SEGMENT	OBSTRUCTION	ELEV
City:	WELLSBORO	5	TAA STRAIGHT-IN (009/30 CW 189/30 TO 009/8 CW 189/8)	TOWER	2870
State:	PA	3	TAA STRAIGHT-IN (009/8 CW 189/8 TO NOZVY)	TOWER	2695
Proc ID:	RNAV (GPS) RWY 28				
Amdt #:	ORIG				
Scale:	1":50,000ft				



Airport ID:	KN38	FM 9			
Apt Name:	WELLSBORO JOHNSTON	No	SEGMENT	OBSTRUCTION	ELEV
City:	WELLSBORO	8	INTERMEDIATE	AAO	2523
State:	PA	10	LNAV FINAL	TOWER	2140
Proc ID:	RNAV (GPS) RWY 28	12	H-I-L	WINDMILL	2838
Amdt#:	ORIG	14	MISS LVL SRFC	TOWER	2562
Scale:	1:500,000	#	MISS HOLD	AAO	2553
		13	MISS ADJ	TREE	2140
		@	PARA 289 OBS	AAO	2179


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
nacdlt | n38_lp_28 (PROD) | 20 Jun 2012 13:15:29 | 1" = 8333.3 feet (MAP)
11
@
AirportID: KN38
Apt Name: WELLSBORO JOHNSTON
City: WELLSBORO
State: PA
ProcID: RNAV (GPS) RWY 28
Amdt#: ORIG
Scale: 1:100,000
FMS No
SEGMENT
OBSTRUCTION
ELEV
11
LP FINAL
TREE
2059
@
PARA 28 OBS
AAO
2178
TIOGA STATE FOREST



Airport ID:	KN38	FM 9			
Apt Name:	WELLSBORO JOHNSTON	No	SEGMENT	OBSTRUCTION	ELEV
City:	WELLSBORO	10	LNAV FINAL	TOWER	2140
State:	PA	16	CIRCLING	TREE	2419
Proc ID:	RNAV (GPS) RWY 28	@	PARA 289 OBS	AAO	2179
Amdt #:	ORIG	13	MISS ADJ	TREE	2140
Scale:	1:100,000				

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
NOZVY (IF/IAF)	COVOJ (FB)	279.03 / 5.04	3500
COVOJ (FAF)	RW28 (MAP) (FO)	278.95 / 4.96	
RW28 (MAP)	3000 MSL	278.95	3000
3000 MSL	WUDUL (FO)		4500

MISSED APPROACH

LNAV: RW28
LP: RW28

CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4500 DIRECT WUDUL AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E NOZVY, RT, 279.03 INBOUND, 4200 FT. IN LIEU OF PT (IAF)
3. FAC: 278.95 FAF: COVOJ DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: NOZVY 4200, COVOJ 3500
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:

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 047.37 INBOUND.
CHART FAS OBST: 2140 TOWER 414413N/0772150W
FAS OBST: 2059 TREE 414335N/0772259W
2179 AAO 414332.00N/0771639.00W
CHART DUKE MOA.
WAAS CHANNEL # 99530
REFERENCE PATH ID: W28A
COVOJ TO RW28: 3.00/40.
LTP HAE: 541.1 M

MAG VAR: 11W 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
LP MDA	2520	1	639	2520	1	639	2520	1 3/4	639		NA				
LNAV MDA	2740	1	859	2740	1 1/4	859	2740	2 1/2	859		NA				
CIRCLING	2940	1 1/4	1048	2940	1 1/2	1048	2940	3	1048		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE ELMIRA/CORNING ALTIMETER SETTING; WHEN NOT RECEIVED USE WILLIAMSPORT ALTIMETER SETTING AND INCREASE ALL MDA 80FT, INCREASE LP CAT C VISIBILITY 1/4 MILE, INCREASE LNAV CAT A (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1892 THRE: 1881 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WELLSBORO, PA	WELLSBORO JOHNSTON	RNAV	RNAV (GPS) RWY 28, 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	X	X **ZNY, ELM APP CON, N38 ARPT MNGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **TERENCE D. SHARP (DAVID TEFFETELLER)**	FIFO **AJV-351**	DATE: **05/08/2012**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

ORIGINAL PROCEDURE

REASONS:

FPT REQUEST

CHANGES TO FORM MADE OUTSIDE OF IFP-SIAP:
8260-3
1. **ADDED FAF TO TERMINAL ROUTES FROM COLUMN**
2. **REMOVED GS ANGLE AND TCH FROM LINE 7**
3. **CHANGED RW28 / RW28 (MAP) TO READ RW28 (MAP) IN TERMINAL ROUTES FROM COLOMN**
4. **ADDED COVOJ TO LINE 3 FAF**

QUALITY CHECKED

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NOTES, (CONT.):
VISIBILITY 1/4 MILE.

CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	189/30 CW 009/30 (NOPT)	189/8 CW 009/8	4900
2.	189/8 CW 009/8	NOZVY (IF/IAF) (FB)	4200
3.	009/30 CW 189/30	009/8 CW 189/8	4900
4.	009/8 CW 189/8	NOZVY (IF/IAF) (FO)	4200

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1892 THRE: 1881	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WELLSBORO, PA	AIRPORT NAME: WELLSBORO JOHNSTON	RNAV	RNAV (GPS) RWY 28, 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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N38
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	414341.0250N
LTP/FTP LONGITUDE	0772323.7435W
LTP/FTP ELLIPSOIDAL HEIGHT	+05411
FPAP LATITUDE	414337.7200N
FPAP LONGITUDE	0772522.6500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	2E2F48F3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05734
FPAP ORTHOMETRIC HEIGHT	+05734

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1892 THRE: 1881	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WELLSBORO, PA	AIRPORT NAME: WELLSBORO JOHNSTON	RNAV	RNAV (GPS) RWY 28, 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:

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COVOJ K60    W     N41435185W077164676                      W0114     NAR           COVOJ
        SUSAEAENRT   NOZVY K60    W     N41440247W077100287                      W0115     NAR           NOZVY
        SUSAEAENRT   WUDUL K60    C   L N41525905W077140480                      W0115     NAR           WUDUL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP N38 K6AN38     0     035YHN41434040W077234740W011001892         1800018000C    MNAR    WELLSBORO JOHNSTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP N38 K6FR28   ANOZVY 010NOZVYK6EA0EE AR   HF                    27900050    + 04200     18000                A JS
        SUSAP N38 K6FR28   R      010NOZVYK6EA0E  I    IF                                + 04200     18000                A JS
        SUSAP N38 K6FR28   R      020COVOJK6EA1E  F 051TF                    27900050    + 03500                          A JS
        SUSAP N38 K6FR28   R      020COVOJK6EA2WALP        N          ALNAV                                                JS
        SUSAP N38 K6FR28   R      030RW28 K6PG0GY M 031TF                    27900050      01921             -300           A JS
        SUSAP N38 K6FR28   R      040         0  M     CA                    2790        + 03000                          A JS
        SUSAP N38 K6FR28   R      050WUDULK6EA0EY  R   DF                                + 04500                          A JS
        SUSAP N38 K6FR28   R      060WUDULK6EA0EE  R   HM                    04740050    + 04500                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP N38 K6GRW28    0035972789 N41434103W077232374+0200    +0541101881000040060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP N38 K6PR28   RW28 001 0000W28A0N4143410250W07723237435+054110300N4143377200W07725226500106751656000400F4000002E2F48F3
        SUSAP N38 K6PR28   RW28 002E      +05734+05734LP        99530
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1892 THRE: 1881	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WELLSBORO, PA	AIRPORT NAME: WELLSBORO JOHNSTON	RNAV	RNAV (GPS) RWY 28, 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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NOZVY	NOZVY	010	IAF	HF	R	FO		279.0(268.0T)	005.0	AA 04200	
		NOZVY	010	FACF	IF		FB				AA 04200	
		COVOJ	020	FAF	TF		FB	0.5	279.0(268.0T)	005.0	AA 03500	
		RW28	030	MAP	TF		FO	0.3	279.0(268.0T)	005.0	AT 01921	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		279.0(268.0T)		AA 03000	
	WUDUL	050		DF	R	FO				AA 04500	
	WUDUL	060		HM	R	FO		047.4(036.4T)	005.0	AA 04500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COVOJ	N414351.85	W0771646.76	N4143.864	W07716.779
	NOZVY	N414402.47	W0771002.87	N4144.041	W07710.048
	WUDUL	N415259.05	W0771404.80	N4152.984	W07714.080
	RW28	N414341.03	W0772323.74	N4143.684	W07723.396

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	01881	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: **1892** THRE: **1881**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WELLSBORO, PA	AIRPORT NAME: **WELLSBORO JOHNSTON**	**RNAV**	**RNAV (GPS) RWY 28, 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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	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.
STRAIGHT-IN AREA	189/30 CW 009/30	189/8 CW 009/8	1. WINDMILL	414415.94N/0765048.65W	2802 (5E)	2000		4900
			(42-020470)					
			2. TERRAIN	414542.00N/0765527.00W	2507 (2500)		AS1500	4000
STRAIGHT-IN AREA	189/8 CW 009/8	NOZVY	3. TOWER (42-002420)	413708.27N/0770811.90W	2695 (5E)	2000	MT-500	4200
			4. TERRAIN	414451.00N/0765627.00W	2451 (2500)		AS1500	4000
STRAIGHT-IN AREA	009/30 CW 189/30	009/8 CW 189/8	5. TOWER (42-002677)	414535.00N/0775234.00W	2870 (2C)	2000		4900
			6. TERRAIN	414445.00N/0775136.00W	2645 (2600)		AS1500	4100
STRAIGHT-IN AREA	009/8 CW 189/8	NOZVY	3. TOWER (42-002420)	413708.27N/0770811.90W	2695 (5E)	2000	MT-500	4200
			7. TERRAIN	413715.00N/0770433.00W	2409 (2400)		AS1500	3900
INTERMEDIATE	NOZVY (IF/IAF)	COVOJ	8. AAO	414209.00N/0771148.00W	2523 (4E)	500	AC125 AT352	3500
			9. TERRAIN	414209.00N/0771148.00W	2323 (2300)		AS1000	3300
FINAL: LNAV	COVOJ	RW28	10. TOWER (42-000207)	414413.00N/0772150.00W	2140 (2C)	250	RA211 MA114	2740
FINAL: LP	COVOJ	RW28	11. TREE	414334.75N/0772258.54W	2059 (2C)	250	RA211	2520
2. HOLD-IN-LIEU-OF-PT	NOZVY	P-6	12. WINDMILL	414539.57N/0765529.93W	2838 (5E)	1000	AT362	4200
			(42-020473)					
			2. TERRAIN	414542.00N/0765527.00W	2507 (2500)		AS1500	4000
3. MISSED APPROACH — MAP:	RW28 / RW28	WUDUL	13. TREE	414441.00N/0772427.00W	2140 (2C)	ASC		4500
			14. TOWER (42-003542)	415011.00N/0772722.00W	2562 (5E)	1000		3600
ELEV:	2429/2209		15. TERRAIN	414342.00N/0772821.00W	2451 (2500)		AS1500	4000
16. TREE				414452.00N/0772427.00W	2419 (2C)	300	RA211	2940
16. TREE				414452.00N/0772427.00W	2419 (2C)	300	RA211	2940
16. TREE				414452.00N/0772427.00W	2419 (2C)	300	RA211	2940

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	1048
CATEGORY B	1.5 NM	450	1048
CATEGORY C	1.7 NM	450	1048
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE	ELEVATION: 1892 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WELLSBORO, PA	WELLSBORO JOHNSTON	RNAV	RNAV (GPS) RWY 28, ORIG	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZNY ARTCC ELM APP CON	N W S	OTHER: ASOS	SOURCE: KELM / KIPT
	F A A		DISTANCE: 34.36 / 36.17
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KELM		ADJUSTMENT: 211 / 0

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

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 10 (PCL), 28 (PCL)
X	REIL 10, 28
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-2L 10, 28

6. RUNWAY MARKINGS	
BASIC	
ALL WEATHER	
INSTRUMENT	NPI-G 10, 28

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:	DATE:
TERENCE D. SHARP (DAVID TEFFETELLER)	05/08/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-351

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BLOCK 3: ALTIMETER SETTING
ADJUSTMENT: 211/275
SERVICE A: Y/Y

SEE ATTACHED AIRSPACE LETTER.

VGSI DATA: 3.00/40FT

25 DEGREE BANK ANGLE USED IN MISSED APPROACH

100 FT VEGETATION HEIGHT USED

.54A L-V FORMULA USED TO ESTABLISH PFAF COORDINATES

RASS PRESSURE PATTERNS SAME
KN38 1891.50FT
KELM 954.50FT, RA=210.35
KIPT 528.10, RA = 274.15

PARA 289 APPLIED TO 2179 AAO 414332.00N/0771639.00W

20:1 PENETRATIONS:
R10:
1948 TREE KN38T0001 414336.39N/0772428.75W (1.28)
1955 TREE KN38T0002 414336.03N/0772426.88W (15.3)

R28:
1904 RD(N) KN38T0203 414339.37N/0772317.64W (10.01)
1904 RD(N) KN38T0286 414339.42N/0772319.75W (17.99)
1895 RD(N) KN38T0288 414340.71N/0772318.51W (4.05)
1919 RD(N) KN38T0319 414338.00N/0772312.40W (5.42)
1915 BLDG KN38T0300 414337.26N/0772319.13W (27.04)
1918 RD(N) KN38T0298 414337.54N/0772314.92W (14.05)
1918 RD(N) KN38T0297 414337.78N/0772313.53W (8.74)
1920 RD(N) KN38T0296 414338.25N/0772311.43W (2.7)
1909 RD(N) KN38T0287 414338.45N/0772319.17W (20.97)
1908 TREE KN38T0260 414344.45N/0772317.91W (14.08)
1902 TREE KN38T0259 414344.88N/0772320.80W (18.95)
1979 TREE KN38T0258 414337.16N/0772316.48W (81.03)
1919 TREE KN38T0200 414345.64N/0772316.22W (18.46)
1929 TREE KN38T0199 414344.91N/0772312.94W (16.17)
1917 TREE KN38T0219 414344.66N/0772314.32W (9.45)
1930 TREE KN38T0209 414344.99N/0772310.24W (6.93)
1927 TREE KN38T0208 414345.45N/0772318.15W (33.8)
1913 RD(N) KN38T0204 414338.18N/0772316.79W (16.01)

34:1 PENETRATIONS:
R28:
1923 RD(N) KN38T0295 414339.21N/0772308.79W (14.58)
1925 RD(N) KN38T0294 414339.60N/0772307.09W (12.75)
1926 RD(N) KN38T0293 414339.55N/0772304.94W (8.96)
1928 RD(N) KN38T0292 414339.33N/0772302.96W (6.58)
1928 RD(N) KN38T0291 414339.11N/0772301.35W (3.01)
1924 GRD KN38T0283 414337.64N/0772302.79W (2.38)
1924 GRD KN38T0278 414336.36N/0772302.76W (2.46)
1928 GRD KN38T0277 414336.89N/0772304.42W (10.1)
1928 GRD KN38T0276 414337.62N/0772306.45W (14.54)
1923 GRD KN38T0275 414338.12N/0772305.05W (6.36)
1921 GRD KN38T0274 414338.39N/0772307.51W (9.82)
1924 GRD KN38T0273 414337.40N/0772308.31W (14.71)
1929 GRD KN38T0272 414336.63N/0772307.36W (17.67)
1915 GRD KN38T0269 414337.53N/0772310.27W (10.06)
1901 GRD KN38T0264 414338.77N/0772312.61W (1.14)
CONT.

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:							
	ELEV:							

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

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WELLSBORO, PA	**ELEVATION: 1892** AIRPORT NAME: **WELLSBORO JOHNSTON**	**RNAV**	**RNAV (GPS) RWY 28, ORIG**	**AEA**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
SATISFACTORY ON:	N W S	OTHER:	SOURCE:
	F A A		DISTANCE:
	A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:		ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
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:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
1931 TREE KN38T0261 414347.03N/0772305.33W (14.01)
1952 TREE KN38T0256 414338.56N/0772258.73W (21.24)
1987 TREE KN38T0255 414337.74N/0772234.64W (2.66)
1975 TREE KN38T0245 414338.43N/0772239.34W (1.05)
1975 TREE KN38T0243 414336.58N/0772249.94W (24.87)
1977 TREE KN38T0242 414336.39N/0772251.31W (29.94)
1973 TREE KN38T0241 414337.60N/0772250.67W (24.39)
1961 TREE KN38T0240 414338.52N/0772252.65W (16.7)
1978 TREE KN38T0239 414337.25N/0772252.13W (32.68)
1968 TREE KN38T0238 414335.63N/0772253.04W (24.88)
1976 TREE KN38T0237 414335.28N/0772248.88W (23.65)
1976 TREE KN38T0236 414337.32N/0772248.49W (22.56)
1971 TREE KN38T0235 414338.82N/0772248.81W (18.11)
1969 TREE KN38T0234 414338.55N/0772247.14W (12.42)
1978 TREE KN38T0233 414338.81N/0772244.60W (15.73)
1974 TREE KN38T0232 414337.44N/0772246.04W (15.09)
1970 TREE KN38T0231 414334.94N/0772245.68W (10.56)
1977 TREE KN38T0230 414337.12N/0772243.30W (12.02)
1970 TREE KN38T0229 414336.55N/0772245.30W (9.54)
1982 TREE KN38T0228 414337.72N/0772244.52W (19.67)
1977 TREE KN38T0227 414338.78N/0772242.54W (10.14)
1913 GRD KN38T0222 414337.07N/0772311.48W (10.8)
1912 TREE KN38T0220 414345.27N/0772311.70W (9.39)
1912 TREE KN38T0218 414344.29N/0772311.23W (8.46)
1929 TREE KN38T0210 414345.76N/0772308.25W (18.66)
1886 RD(N) KN38T0202 414341.88N/0772319.30W (.7)
1933 TREE KN38T0198 414345.70N/0772305.17W (15.8)
1894 TREE KN38T0196 414342.86N/0772316.10W (1.46)
FPT NOTFIED

RADIO FIX AND HOLDING DATA RECORD

NAME: COVOJ **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 414351.85N/0771646.76W **TYPE:** WP

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

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

REMARKS:
.54A L-V FORMULA USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28			KN38	WELLSBORO	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 261.78FT
UPDATED FIX USE
FAC1 REMOVED

DEVELOPED BY: **DATE:** 05/07/2012 **OFFICE:** AJV-351 **NAME:** TERENCE SHARP (DAVID TEFFETELLER)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NOZVY **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 414402.47N/0771002.87W **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	E		WP	099.03	279.03	R		5	4200	6000	6	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (42-020473)	414539.57N/0765529.93W	2838	5E

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 28		1	KN38	WELLSBORO	PA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
REMOVED FAC1
UPDATED PAT1 CONTROLLING OBSTACLE
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN FROM REMARKS TO HOLDING RESTRICTIONS
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS
UPDATED FIX USE

DEVELOPED BY: **DATE:** 05/07/2012 **OFFICE:** AJV-351 **NAME:** TERENCE SHARP (DAVID TEFFETELLER)

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WUDUL **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 415259.05N/0771404.80W **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	STONYFORK	SFK	VOR/DME	L	044.37	036.37	14.00	14.00		4500	17500

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	227.37	047.37	R		5	4500	6000	6	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	414945.00N/0772324.00W	2553	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISH PATTERN

REMARKS:
STONYFORK (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	V35	1				(US)
IAP	RNAV (GPS) RWY 10		1	KN38	WELLSBORO	PA (US)
IAP	RNAV (GPS) RWY 28		1	KN38	WELLSBORO	PA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/17/2012 **OFFICE:** AJV-351 **NAME:** TERENCE SHARP (DAVID TEFFETELLER)

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

SIGNATURE:

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

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WELLSBORO** STATE: **PA**

AIRPORT NAME: **WELLSBORO JOHNSTON** ID: **KN38**

PROCEDURE: **RNAV (GPS) RWY 28** AMDT: **Orig**

DOCKET#: **NOT REQUIRED**
(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 **3.39**
   (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 **267.95**
4. High Terrain in **FINAL** segment containing 1000' point **2000**
5. Distance from **THLD** to 1500' point **4.96**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.13**
7. True Course of **FINAL** segment containing 1500' point **267.95**
8. High Terrain in **FINAL** segment containing 1500' point **2000**
9. Threshold Coordinates (if straight-in) ... **414341.03N** / **0772323.74W**
10. ARP Coordinates ..... **414340.40N** / **0772347.40W**
11. Runway Approach End and distance furthest from ARP ..... RWY **10**
    Distance **0.30** NM
12. FAF Coordinates ..... **414351.85N** / **0771646.76W**

REMARKS: Approach/Drawing attached.

NOZVY: 414402.47N/0771002.87W

TAA 30NM RADIUS