Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 11/15/2011	Task #: 2011111528181001001	Request #: 20111115281810
Procedure: RNAV (GPS) RWY 4 AMDT 1		Airport ID: KFDW	**Airport:** FAIRFIELD COUNTY		Reimbursable #:
City: WINNSBORO	**ST:** SC	**GPS #:**		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID:	**Fac. Type:** LPV	**Specialist:** JEFF RAWDON(Contractor)			

LPV

P3

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	11/17/2011	02/22/2012	STEVEN SZUKALA	
QA:	02/22/2012	02/22/2012	STEVEN SZUKALA	
Liaison:	02/22/2012		Terrell	MAGVAR

MAG VAR

Procedure Comments:

Remark Type: INFORMATION

Pg 1 of 3

WINNSBORO, SC FAIRFIELD COUNTY (KFDW) RNAV (GPS) RWY 4, AMDT 1 (LPV) ENROUTE-NO FC: 4.17.12 PUB: 5.31.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): KICKY, REV 2; TEPID, REV 3; WIBSU, REV 1.

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

WAAS	APP CRS	Rwy Idg	5003
CH 82329	045°	THRE	577
W04A		Apt Elev	577

RNAV (GPS) RWY 4

WINNSBORO/ FAIRFIELD COUNTY (FDW)

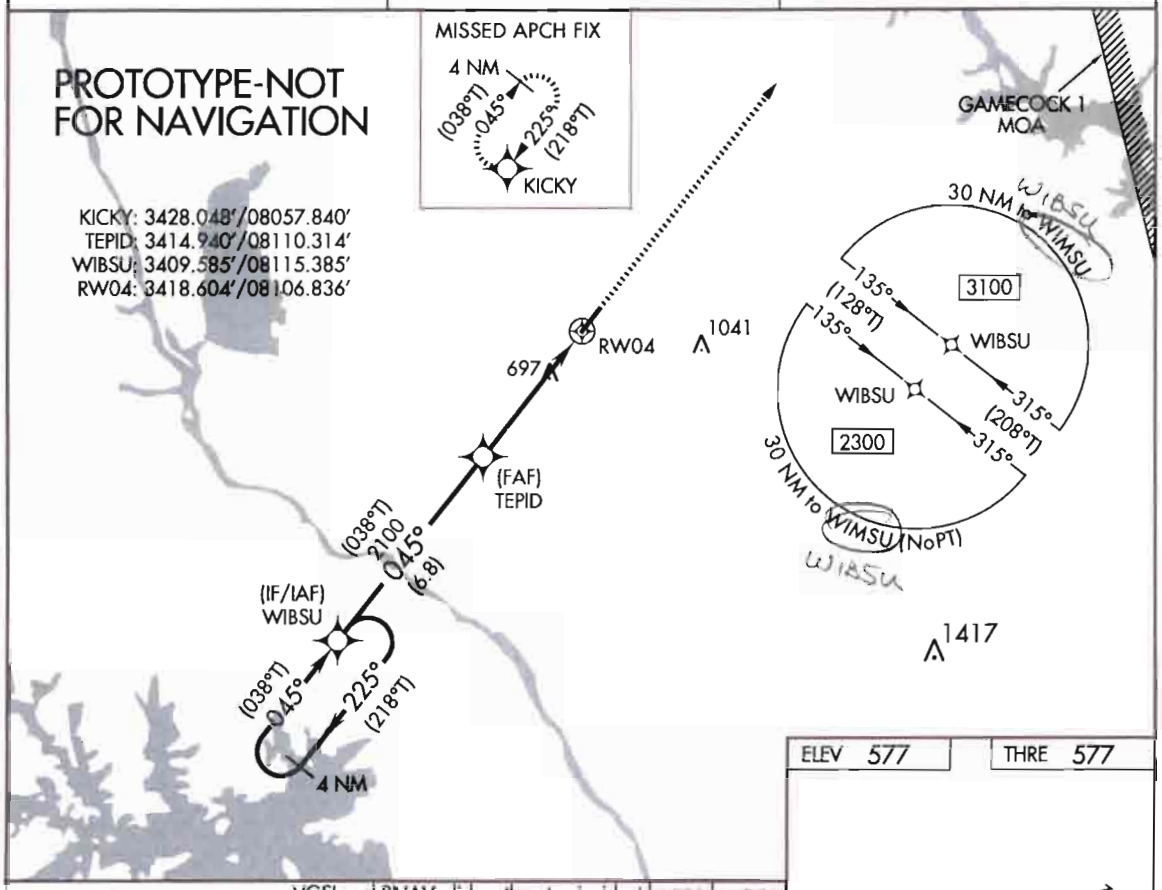
Baro-VNAV NA when using Columbia Metropolitan altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 40°C (104°F). When VGSI inop, Straight-in/ Circling Rwy 4 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Columbia Metropolitan altimeter setting and increase all DA and MDA 100 feet and increase LPV all Cats visibility ⅛ mile and LNAV/VNAV all Cats and LNAV Cats C and D visibility ¼ mile.

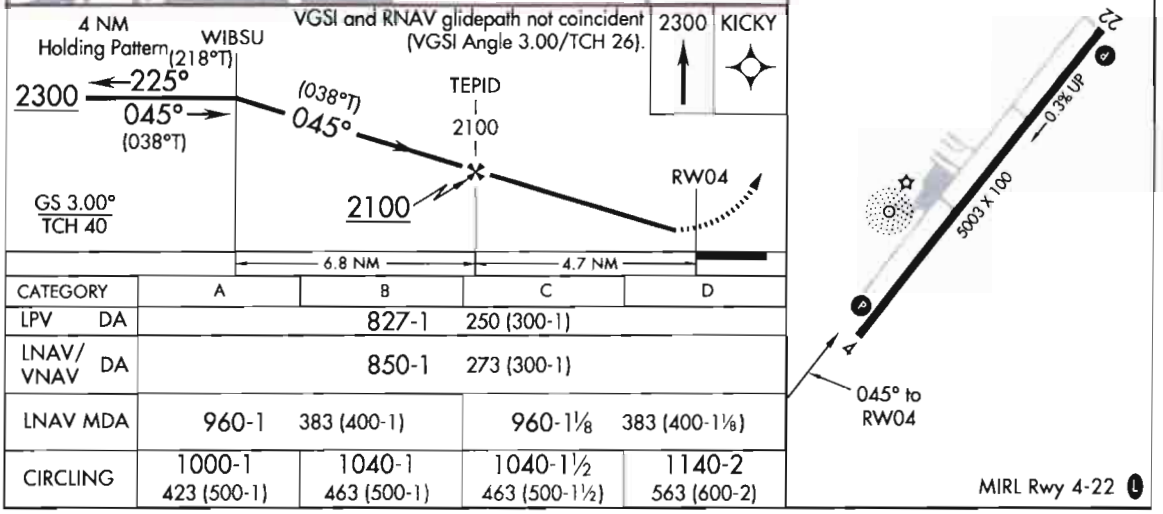
MISSED APPROACH: Climb to 2300 direct KICKY and hold.

AWOS-3	COLUMBIA APP CON	UNICOM
119.075	133.4 285.6	123.05 (CTAF) L

PROTOTYPE-NOT FOR NAVIGATION

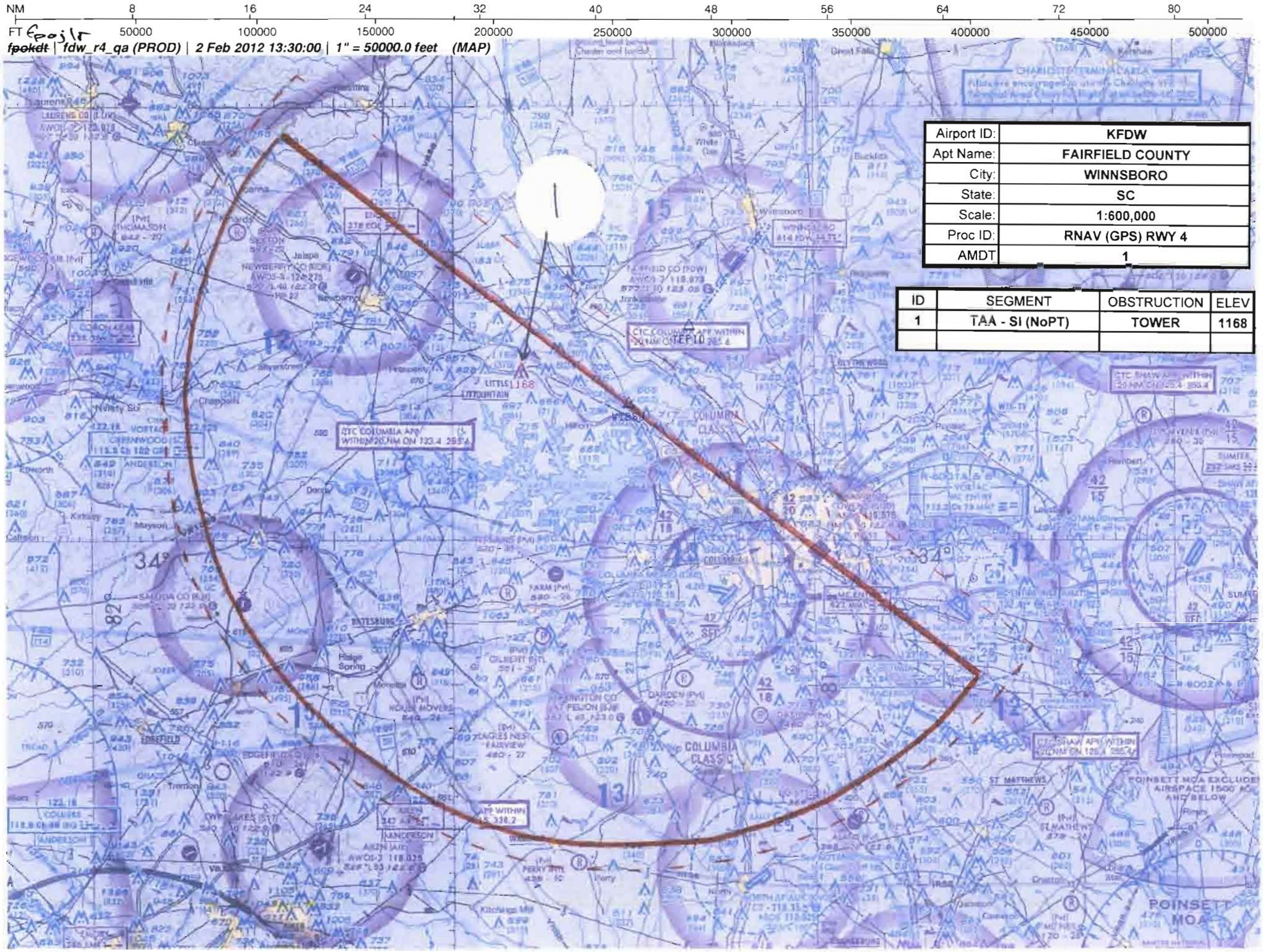
KICKY: 3428.048'/08057.840'
TEPID: 3414.940'/08110.314'
WIBSU: 3409.585'/08115.385'
RW04: 3418.604'/08106.836'

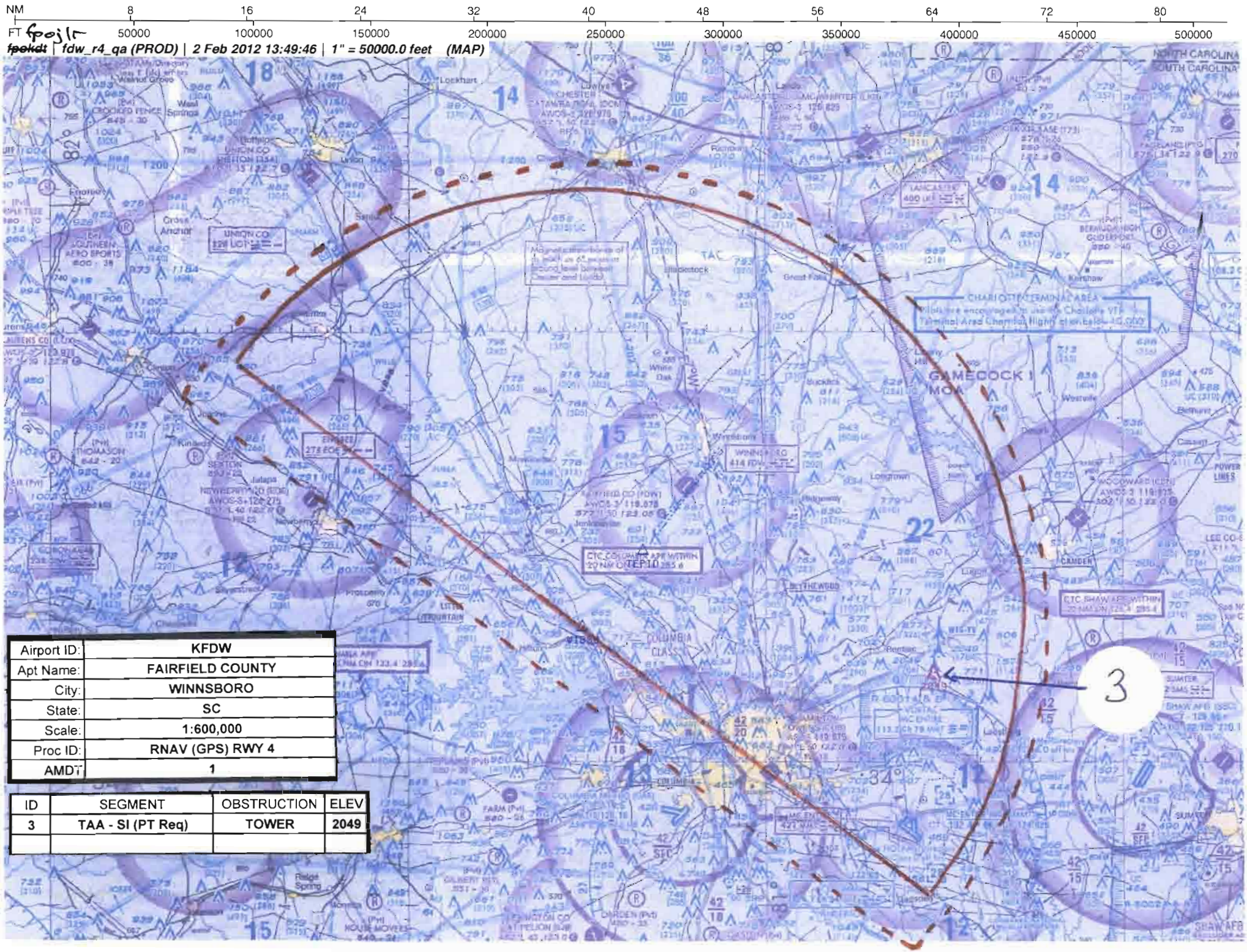


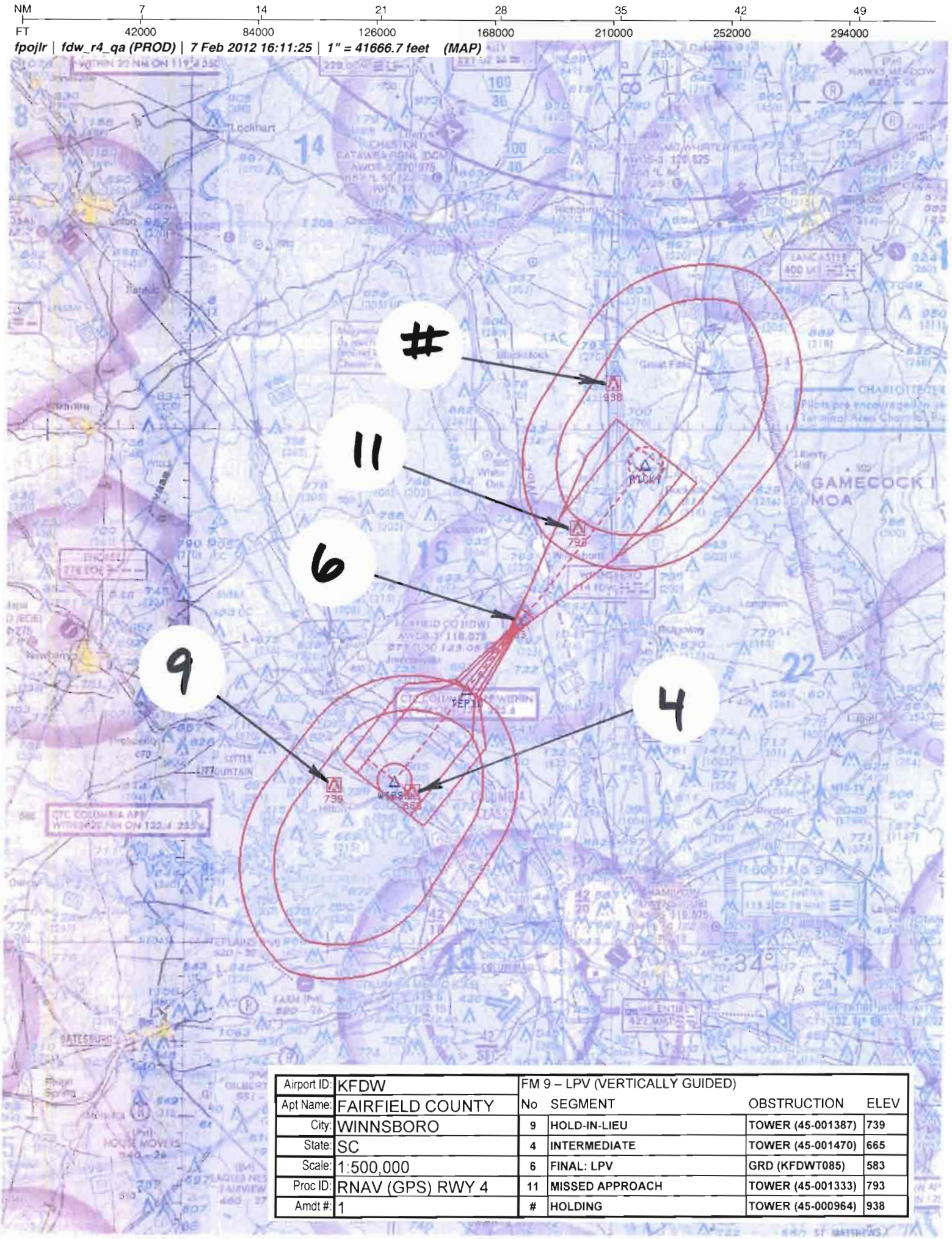


CATEGORY	A	B	C	D
LPV DA	827-1		250 (300-1)	
LNAV/ VNAV DA	850-1		273 (300-1)	
LNAV MDA	960-1	383 (400-1)	960-1⅛	383 (400-1⅛)
CIRCLING	1000-1 423 (500-1)	1040-1 463 (500-1)	1040-1½ 463 (500-1½)	1140-2 563 (600-2)

MIRL Rwy 4-22 L


NM 8 16 24 32 40 48 56 64 72 80
FT 50000 100000 150000 200000 250000 300000 350000 400000 450000 500000
fpokdt | fdw_r4_qa (PROD) | 2 Feb 2012 13:30:00 | 1" = 50000.0 feet (MAP)
Airport ID: KFDW
Apt Name: FAIRFIELD COUNTY
City: WINNSBORO
State: SC
Scale: 1:600,000
Proc ID: RNAV (GPS) RWY 4
AMDT 1
ID | SEGMENT | OBSTRUCTION | ELEV
1 | TAA - SI (NoPT) | TOWER | 1168
CTC COLUMBIA APP WITHIN 20 NM ON 133.4 295.4
COLUMBIA CLASS C
POINSETT MOA

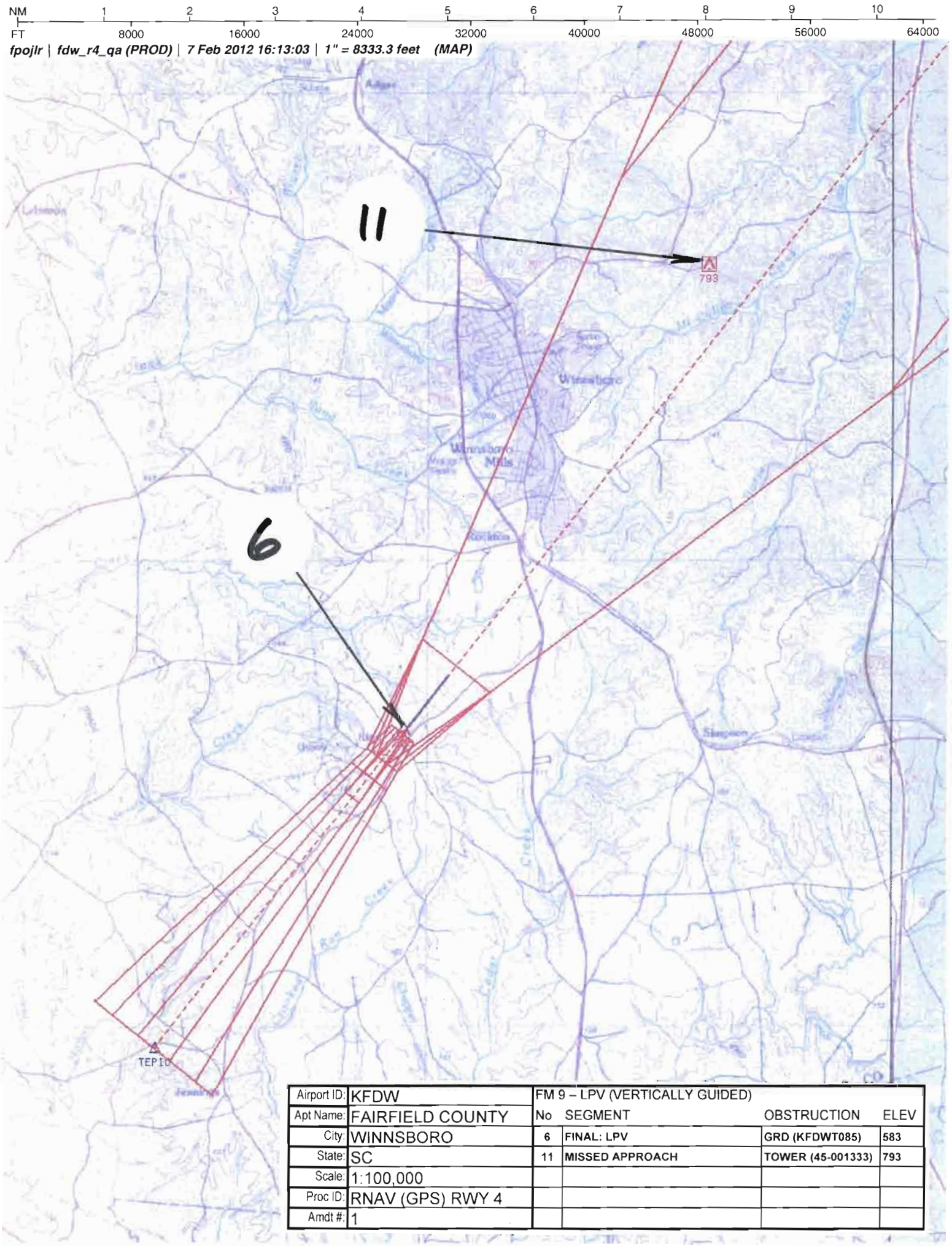

NM 8 16 24 32 40 48 56 64 72 80
FT 50000 100000 150000 200000 250000 300000 350000 400000 450000 500000
fpokdt | fdw_r4_qa (PROD) | 2 Feb 2012 13:49:46 | 1" = 50000.0 feet (MAP)
Airport ID: KFDW
Apt Name: FAIRFIELD COUNTY
City: WINNSBORO
State: SC
Scale: 1:600,000
Proc ID: RNAV (GPS) RWY 4
AMDT 1
ID SEGMENT OBSTRUCTION ELEV
3 TAA - SI (PT Req) TOWER 2049
3



Airport ID:	KFDW
Apt Name:	FAIRFIELD COUNTY
City:	WINNSBORO
State:	SC
Scale:	1:500,000
Proc ID:	RNAV (GPS) RWY 4
Amdt #:	1

FM 9 – LPV (VERTICALLY GUIDED)

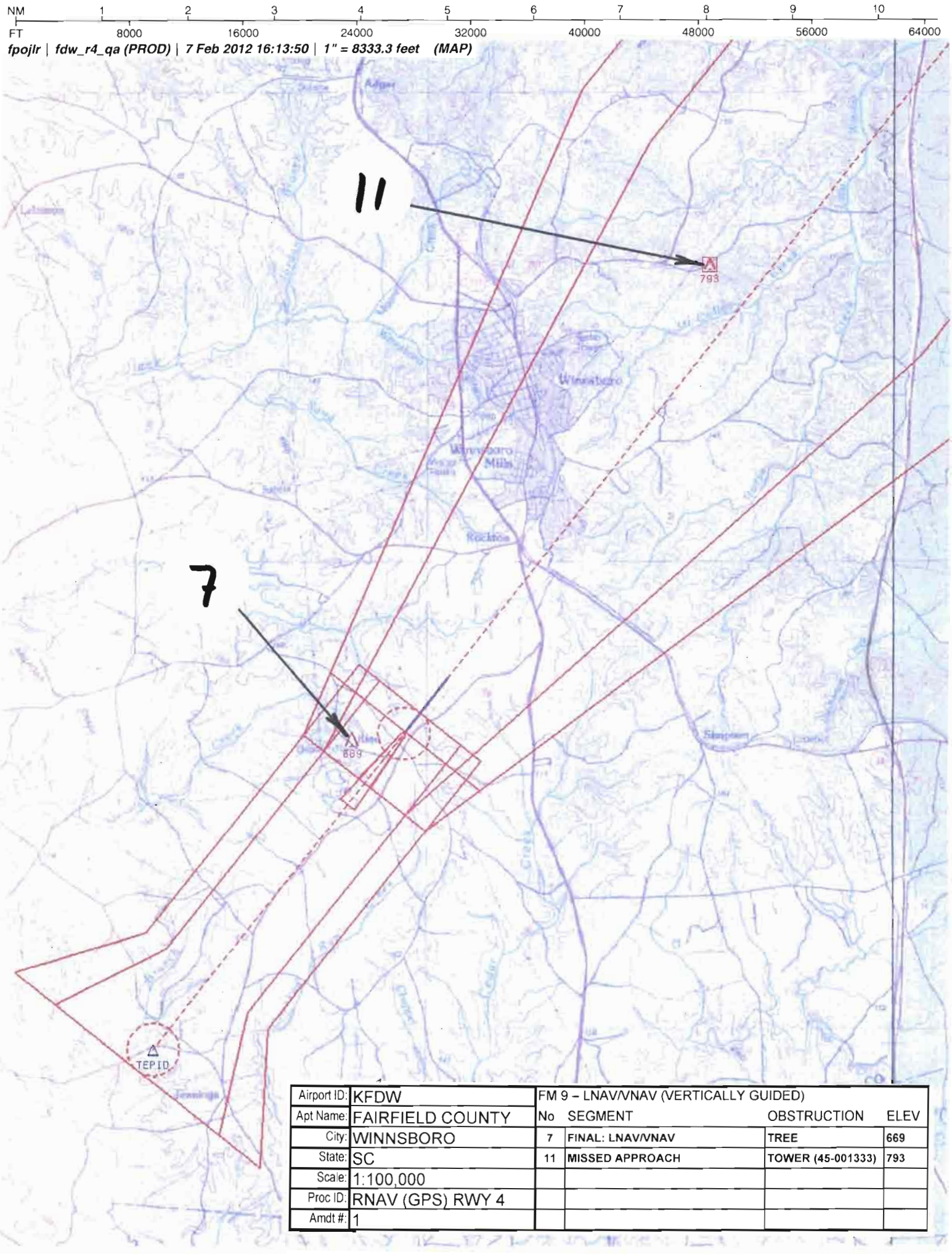
No	SEGMENT	OBSTRUCTION	ELEV
9	HOLD-IN-LIEU	TOWER (45-001387)	739
4	INTERMEDIATE	TOWER (45-001470)	665
6	FINAL: LPV	GRD (KFDWT085)	583
11	MISSED APPROACH	TOWER (45-001333)	793
#	HOLDING	TOWER (45-000964)	938



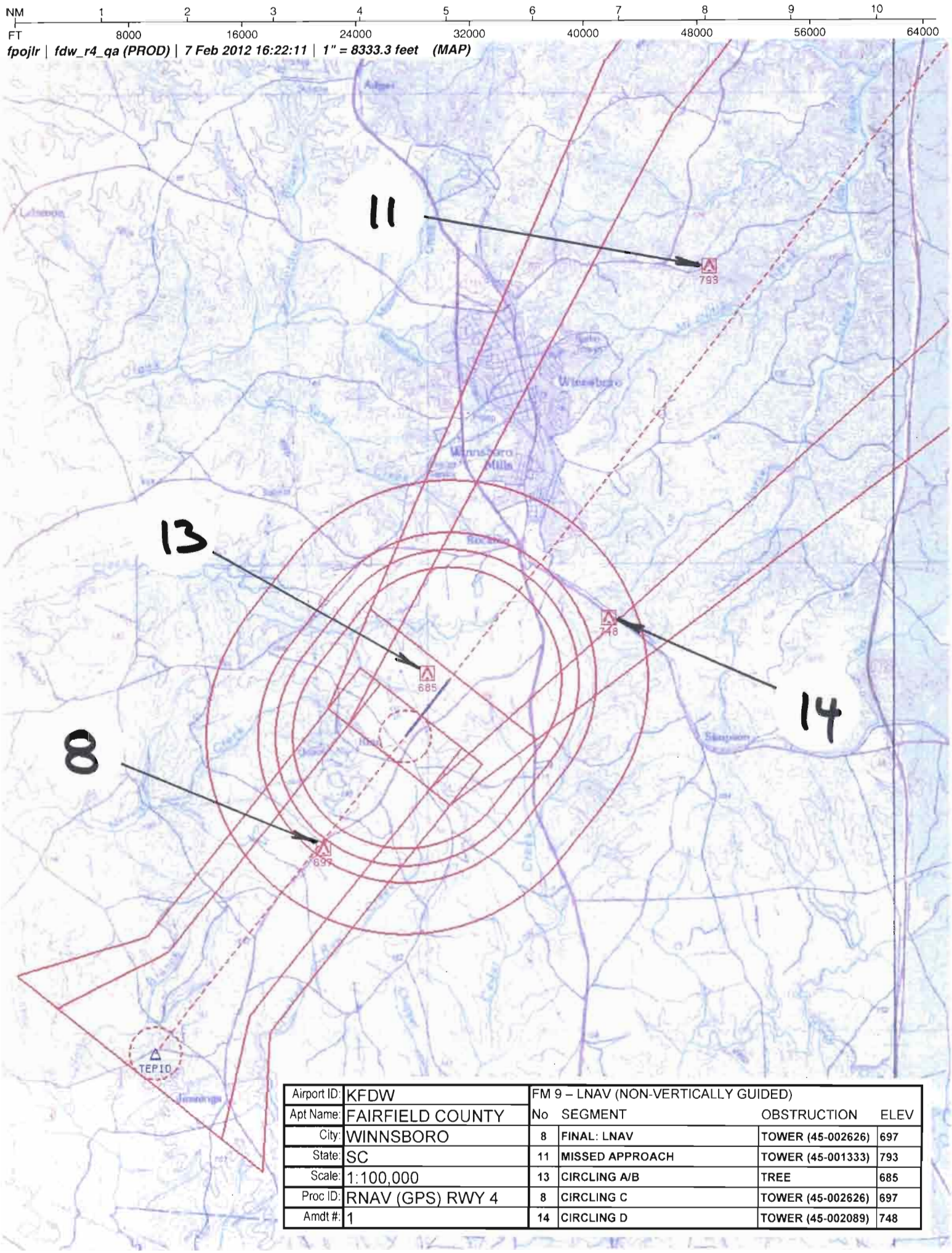
Airport ID:	KFDW
Apt Name:	FAIRFIELD COUNTY
City:	WINNSBORO
State:	SC
Scale:	1:100,000
Proc ID:	RNAV (GPS) RWY 4
Amdt #:	1

FM 9 – LPV (VERTICALLY GUIDED)

No	SEGMENT	OBSTRUCTION	ELEV
6	FINAL: LPV	GRD (KFDWT085)	583
11	MISSED APPROACH	TOWER (45-001333)	793



Airport ID:	KFDW	FM 9 – LNAV/VNAV (VERTICALLY GUIDED)			
Apt Name:	FAIRFIELD COUNTY	No	SEGMENT	OBSTRUCTION	ELEV
City:	WINNSBORO	7	FINAL: LNAV/VNAV	TREE	669
State:	SC	11	MISSED APPROACH	TOWER (45-001333)	793
Scale:	1:100,000				
Proc ID:	RNAV (GPS) RWY 4				
Amdt #:	1				



Airport ID:	KFDW
Apt Name:	FAIRFIELD COUNTY
City:	WINNSBORO
State:	SC
Scale:	1:100,000
Proc ID:	RNAV (GPS) RWY 4
Amdt #:	1

FM 9 – LNAV (NON-VERTICALLY GUIDED)

No	SEGMENT	OBSTRUCTION	ELEV
8	FINAL: LNAV	TOWER (45-002626)	697
11	MISSED APPROACH	TOWER (45-001333)	793
13	CIRCLING A/B	TREE	685
8	CIRCLING C	TOWER (45-002626)	697
14	CIRCLING D	TOWER (45-002089)	748

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
WIBSU (IF/IAF)	TEPID (FB)	045.17 / 6.80	2100
TEPID (FAF)	RW04 (MAP) (FO)	045.22 / 4.66	
RW04 (MAP)	827 MSL	045.22	
827 MSL	KICKY (FO)		2300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 2300 DIRECT KICKY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WIBSU, RT, 045.17 INBOUND, 2300 FT. IN LIEU OF PT (IAF)
3. FAC: 045.22 FAF: TEPID DIST FAF TO MAP: 4.66 THLD: 4.66
4. MIN. ALT: WIBSU 2300, TEPID 2100
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: TEPID 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 225.34 INBOUND.
CHART FAS OBST: 697 TOWER 341713N/0810758W
CHART FAS OBST: 669 TREE 341828N/0810733W
CHART GAMECOCK 1 MOA.
CHART R-6001A, B.
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
WAAS CHANNEL # 82329
REFERENCE PATH ID: W04A
LTP HAE: 145.4 M

MAG VAR: 7W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

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
LPV DA	827	1	250	827	1	250	827	1	250	827	1	250			
LNAV/VNAV DA	850	1	273	850	1	273	850	1	273	850	1	273			
LNAV MDA	960	1	383	960	1	383	960	1 1/8	383	960	1 1/8	383			
CIRCLING	1000	1	423	1040	1	463	1040	1 1/2	463	1140	2	563			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 577 THRE: 577 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINNSBORO, SC	FAIRFIELD COUNTY	RNAV	RNAV (GPS) RWY 4, AMDT 1	AMDT: ORIG-A
				DATED 08/25/2011

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] **ZJX, CAE APP CON, ARPT MGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
DONALD E. SMITH (STEVE LEGRAND)	**AJV-352**	**02/02/2012**

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

CHANGES:

1. REMOVED HUBIP AND WIBSU INITIAL SEGMENTS.
2. CHANGED TAA LEFT AND RIGHT BASE TO OPPOSITE STRAIGHT-IN AREA.
3. TAA STRAIGHT-IN BOUNDARIES CHANGED FROM 313 CW 133 TO 315 CW 135.
4. REMOVED 5 NM STEPDOWN FROM TAA STRAIGHT-IN AREA.
5. INTERMEDIATE SEGMENT COURSE/DISTANCE CHANGED FROM 043.17/6.04 TO 045.17/6.80.
6. FINAL COURSE/DISTANCE CHANGED FROM 043.22/4.60 TO 045.22/4.66.
7. HOLD-IN-LIEU COURSE CHANGED FROM 043.17 TO 45.17; MINIMUM ALTITUDE CHANGED FROM 2100 TO 2300.
8. MISSED APPROACH CLEARANCE ALTITUDE CHANGED FROM 2100 TO 2300.
9. MISSED APPROACH HOLDING COURSE CHANGED FROM 223.33 TO 225.34.
10. REPLACED VDA WITH GS/TCH DATA.
11. PROCEDURAL ELEVATION CHANGED FROM TDZE TO THRE.
12. ADDED LPV AND LNAV/VNAV LINES OF MINIMA.
13. LNAV MDA/HAT CHANGED FROM 980/403 TO 960/383.
14. LNAV CATS C/D VISIBILITY CHANGED FROM 1 1/4 TO 1 1/8 MILE.
SEE 8260-10

REASONS:

1, 2. FPT/ATC REQUEST.
3. MAGVAR UPDATE FROM 5W TO 7W.
4. SIMPLIFICATION OF PROCEDURE.
5, 6. MAGVAR CHANGE; PFAF RELOCATION TO 8260.54A FORMULA 2-16B LOCATION.
7. MAGVAR UPDATE; ALTITUDE RAISED TO MATCH STRAIGHT-IN TAA MINIMUM ALTITUDE.
8. HOLDING PATTERN RAISED FOR RNAV (GPS) RWY 22 APPROACH.
9. MAGVAR UPDATE AND REALIGNMENT FOR RNAV (GPS) RWY 22 APPROACH.
10. IAW 8260.19D PARA 852G.
11. IAW 8260.3B CHG 20 PARA 3.1.
12. FPT REQUEST.
13. REEVALUATION OF CONTROLLING OBSTRUCTIONS.
14. RECALCULATED IAW 8260.3B CHG 20 CHAPTER 3; LOWER MDA/HAT.
15. IAW 8260.19D PARA 855N(1).
16. 20:1 PENETRATIONS REMOVED.
SEE 8260-10

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA METROPOLITAN ALTIMETER SETTING AND INCREASE ALL DA AND MDA 100 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	315/30 CW 135/30 (NOPT)	WIBSU (IF/IAF) (FB)	2300
2.	135/30 CW 315/30	WIBSU (IF/IAF) (FO)	3100

QUALITY CHECKED

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:

CHANGES CONT.
15. CHANGED NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT." 16. REMOVED NOTE "WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT." 17. UPDATED B/U ALSTG NOTE TO INCLUDE DA AND VISIBILITY ADJUSTMENTS FOR LPV AND LNAV/VNAV. 18. ADDED RESTRICTION FOR BARO-VNAV WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING. 19. ADDED BARO-VNAV TEMPERATURE RESTRICTION.

REASONS:

REASONS CONT.
17. ADDED LINES OF MINIMA.
18. IAW 8260.19D PARA 855E(8).
19. IAW 8260.19D PARA 497.

QUALITY 1 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFDW
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	341836.2290N
LTP/FTP LONGITUDE	0810650.1465W
LTP/FTP ELLIPSOIDAL HEIGHT	+01454
FPAP LATITUDE	341946.3200N
FPAP LONGITUDE	0810543.5400W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6102D4E4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01759
FPAP ORTHOMETRIC HEIGHT	+01759

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 577 THRE: 577	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINNSBORO, SC	AIRPORT NAME: FAIRFIELD COUNTY	RNAV	RNAV (GPS) RWY 4, AMDT 1	AMDT: ORIG-A
				DATED: 08/25/2011

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:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   KICKY K70    W     N34280290W080575038                      W0072     NAR           KICKY
         SUSAEAENRT   TEPID K70    W     N34145638W081101882                      W0070     NAR           TEPID
         SUSAEAENRT   WIBSU K70    W     N34093509W081152308                      W0070     NAR           WIBSU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFDWK7AFDW     0     050YHN34185570W081063170W007000577         1800018000C    MNAR     FAIRFIELD COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFDWK7FR04   AWIBSU 010WIBSUK7EA0EE AR   HF                    04520040    + 02300     18000                A JS
         SUSAP KFDWK7FR04   R       010WIBSUK7EA0E  I    IF                               + 02300     18000                A JS
         SUSAP KFDWK7FR04   R       020TEPIDK7EA1E  F 051TF                    04520068    + 02100                          A JS
         SUSAP KFDWK7FR04   R       020TEPIDK7EA2WALPV       ALNAV/VNAV ALNAV                                              JS
         SUSAP KFDWK7FR04   R       030RW04 K7PG0GY M 031TF                    04520047      00617           -300           A JS
         SUSAP KFDWK7FR04   R       040         0  M     CA                    0452        + 00827                          A JS
         SUSAP KFDWK7FR04   R       050KICKYK7EA0EY      DF                               + 02300                          A JS
         SUSAP KFDWK7FR04   R       060KICKYK7EA0EE  R   HM                    22530040    + 02300                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFDWK7GRW04    0050030453 N34183623W081065015-0300    +0145400577000040100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KFDWK7PR04   RW04 001 0000W04A0N3418362290W08106501465+014540300N3419463200W08105435400106751224000400F4005006102D4E4
         SUSAP KFDWK7PR04   RW04 002E      +01759+01759LPV       82329
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **577** THRE: **577**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINNSBORO, SC	AIRPORT NAME: **FAIRFIELD COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1**	AMDT: **ORIG-A**
				DATED: **08/25/2011**

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

QUALITY 9 CHECKED

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
	WIBSU	WIBSU	010	IAF	HF	R	FO		045.2(038.2T)	004.0	AA 02300	
		WIBSU	010	FACF	IF		FB				AA 02300	
		TEPID	020	FAF	TF		FB	0.5	045.2(038.2T)	006.8	AA 02100	
		RW04	030	MAP	TF		FO	0.3	045.2(038.2T)	004.7	AT 00617	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		045.2(038.2T)		AA 00827	
	KICKY	050		DF		FO				AA 02300	
	KICKY	060		HM	R	FO		225.3(218.3T)	004.0	AA 02300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	KICKY	N342802.90	W0805750.38	N3428.048	W08057.840
	TEPID	N341456.38	W0811018.82	N3414.940	W08110.314
	WIBSU	N340935.09	W0811523.08	N3409.585	W08115.385
	RW04	N341836.23	W0810650.15	N3418.604	W08106.836

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00577	40

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **577** THRE: **577**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINNSBORO, SC	AIRPORT NAME: **FAIRFIELD COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1**	AMDT: **ORIG-A**
				DATED: **08/25/2011**

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

QUALITY 9 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.
STRAIGHT-IN AREA	315/30 CW 135/30	WIBSU	1. TOWER (45-000798)	341119.73N/0812416.66W	1168 (2C)	1000		2200
			2. TERRAIN	341112.00N/0812448.00W	819 (800)		AS1500	2300
STRAIGHT-IN AREA	135/30 CW 315/30	WIBSU	3. TOWER (45-000654)	340550.00N/0804550.00W	2049 (5D)	1000		3100
			2. TERRAIN	341112.00N/0812448.00W	819 (800)		AS1500	2300
INTERMEDIATE	WIBSU (IF/IAF)	TEPID	4. TOWER (45-001470)	340833.00N/0811405.00W	665 (2C)	500	AT935	2100
			5. TERRAIN	341421.00N/0810927.00W	436 (400)		AS1500	1900
FINAL: LPV	TEPID	RW04	6. GRD (KFDWT085)	341833.23N/0810650.28W	583 (2C)	34:1	AC20	827/250
FINAL: LNAV/VNAV	TEPID	RW04	7. TREE	341827.57N/0810733.06W	669 (2C)	23.44:1	AC20	850/273
FINAL: LNAV	TEPID	RW04	8. TOWER (45-002626)	341713.29N/0810758.21W	697 (2C)	250		960
2. HOLD-IN-LIEU-OF-PT	WIBSU	P-5	9. TOWER (45-001387)	340855.84N/0811937.51W	739 (1A)	1000	AT561	2300
			10. TERRAIN	340033.00N/0811739.00W	539 (500)		AS1500	2000
3. MISSED APPROACH MAP:	DA / DA / RW04	KICKY				ASC		2300
			11. TOWER (45-001333)	342355.92N/0810234.53W	793 (2C)	1000		1800
ELEV:	640/689/860		12. TERRAIN	342118.00N/0810500.00W	601 (600)		AS1500	2100

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL		13. TREE	341914.54N/0810631.27W	685 (2C)	300		1000
CATEGORY A	1.3 NM	350	423		13. TREE	341914.54N/0810631.27W	685 (2C)	300	HAA	1040
CATEGORY B	1.5 NM	450	463		8. TOWER (45-002626)	341713.29N/0810758.21W	697 (2C)	300	HAA	1040
CATEGORY C	1.7 NM	450	463		14. TOWER (45-002089)	341953.00N/0810359.00W	748 (2C)	300	HAA	1140
CATEGORY D	2.3 NM	550	563							
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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 577 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WINNSBORO, SC	FAIRFIELD COUNTY	RNAV	RNAV (GPS) RWY 4, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZJX ARTCC AND FSS CAE APP CON		N W S	OTHER:	SOURCE: KFDW / KCAE
				DISTANCE: 0 / 22.56
		F A A	AWOS	HOURS REMOTE OPERATION:
				BACKUP
SATISFACTORY ON:		A / C		
X V H F X U H F H F	LOCATION: KFDW		ADJUSTMENT: 0 / 100	

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

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 22 (PCL), 04 (PCL)
	REIL
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-2L 22 (PCL), 04 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-P 22, 04
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH		
	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 577.0
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.0

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 (STEVE LEGRAND)	DATE: 02/02/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

ISA DEVIATION USED: -30C (-54F)

VDP NOT ESTABLISHED - OBSTACLES PENETRATE VISUAL SURFACES.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KFDW 577.0, KCAE 235.9
RA = 99.65.
SEE ATTACHED AIRSPACE LETTER.

SERVICE A: KFDW: YES / KCAE: YES

VGSI DATA: 3.00/25.7

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 23.44:1

100' VEGETATION USED FOR EVALUATIONS.

ACTUAL COLD TEMPERATURE DATA NOT AVAILABLE - USED STANDARD ISA DEVIATION.

LOWER LNAV MINIMA APPROVED BY FPT AND EVALUATED BY OE TEAM.

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

20:1
R04 609 POLE (KFDWT088) 341833.73N/0810659.16W (8.69)
R04 583 GRD (KFDWT085) 341833.23N/0810650.28W (3.76)

FPT NOTIFIED OF 20:1 PENETRATIONS

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KICKY **STATE:** SC **COUNTRY:** US

LATITUDE/LONGITUDE: 342802.90N/0805750.38W **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	NE		WP	045.34	225.34	R		4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-000964)	343222.00N/0810009.00W	938	3C

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 22		1	KFDW	WINNSBORO	SC (US)
IAP	RNAV (GPS) RWY 4		1	KFDW	WINNSBORO	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX MOVED 0.81 NM NORTHEAST; COORDINATES UPDATED.
HOLDING PAT 1 CRS/CRS INBOUND CHANGED FROM 043.33/223.33 TO 045.34/225.34; MIN ALTITUDE CHANGED FROM 2100 TO 2300.

DEVELOPED BY: **DATE:** 01/24/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (STEVEN LEGRAND)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: CAE APP CON
OTHER:

QUALITY 9 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TEPID **STATE:** SC **COUNTRY:** US

LATITUDE/LONGITUDE: 341456.38N/0811018.82W **TYPE:** WP

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

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

REMARKS:
8260.54A FORMULA 2-16B USED TO DETERMINE PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 4			KFDW	WINNSBORO	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
FIX MOVED 356.59 FEET SOUTHWEST; COORDINATES UPDATED.

DEVELOPED BY: **DATE:** 01/24/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (STEVEN LEGRAND)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: CAE APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WIBSU **STATE:** SC **COUNTRY:** US

LATITUDE/LONGITUDE: 340935.09N/0811523.08W **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	SW		WP	225.17	045.17	R		4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-001387)	340855.84N/0811937.51W	739	1A

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 22		1	KFDW	WINNSBORO	SC (US)
IAP	RNAV (GPS) RWY 4		1	KFDW	WINNSBORO	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX MOVED 0.83 NM SOUTHWEST; COORDINATES UPDATED.
HOLDING PAT 1 CRS/CRS INBOUND CHANGED FROM 223.17/043.17 TO 225.17/045.17; MIN ALTITUDE CHANGED FROM 2100 TO 2300.

DEVELOPED BY: **DATE:** 01/24/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (STEVEN LEGRAND)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: CAE APP CON
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WINNSBORO** STATE: **SC**

AIRPORT NAME: **FAIRFIELD COUNTY** ID: **KFDW**

PROCEDURE: **RNAV (GPS) RWY 4** AMDT: **1**

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 **3.14**
   (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 **038.22**
4. High Terrain in **FINAL** segment containing 1000' point **581**
5. Distance from **THLD** to 1500' point **4.66**
   (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 **038.22**
8. High Terrain in **FINAL** segment containing 1500' point **581**
9. Threshold Coordinates (if straight-in) ... **341836.23N / 0810650.15W**
10. ARP Coordinates ..... **341855.70N / 0810631.70W**
11. Runway Approach End and distance furthest from ARP.....RWY **4**
    Distance **0.41** NM
12. FAF Coordinates ..... **341456.38N / 0811018.82W**
    (Click to Select)

REMARKS: Approach/Drawing attached. WIBSU (IF/IAF) 340935.09N/0811523.08W

RADIO FIX AND HOLDING DATA RECORD

NAME: HUBIP **STATE:** SC **COUNTRY:** US

LATITUDE/LONGITUDE: 341319.38N/0811930.91W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 4			KFDW	WINNSBORO	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

CANCELLED

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/18/2010

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: CAE APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JIXOK **STATE:** SC **COUNTRY:** US

LATITUDE/LONGITUDE: 340707.93N/0811002.40W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 4			KFDW	WINNSBORO	SC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

CANCELLED

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/18/2010

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: CAE APP CON
OTHER:

QUALITY CHECKED