Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 09/17/2010	Task #: 20091124203479	Request #: 20091124203479
Procedure: RNAV (GPS) RWY 35 L AMDT 1		Airport ID: KFWS	Airport: FORT WORTH SPINKS		Reimbursable #:
City: FORT WORTH	ST: TX	GPS #:	Estimated Chart Date: 04/05/2012		FICO #:
Fac ID:	Fac. Type: LPV	Specialist: AISHAT NAUZO			

LPV

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	08/31/2011	01/19/2012	JILL OLSON	
QA:	01/19/2012	01/20/2012	SCOTT BEARD	
Liaison:	01/20/2012		Terrell	

P3

Procedure Comments: **Remark Type:** INFORMATION

pkg 2.of 3

FORT WORTH, TX FORT WORTH SPINKS (KFWS) RNAV (GPS) RWY 35L, AMDT 1 (LPV) ENROUTE-NO FC: 2.21.12 PUB: 4.5.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CUNVA, REV 2; GOYEG, REV 1; OPSIY, ORIG; RAZOS, REV 4; SLUGG-INT, REV 3; ZABVA, REV 1; (INFO ONLY) FEVER-INT, REV 3.

CONTACT: JOSE ALFONSO/STEVE BARNETT, AJV-353 LEADS, 405.954.6378/9568:

RNAV (GPS) RWY 35L
FORT WORTH SPINKS (FWS)

WAAS	APP CRS	Rwy Idg	6002
CH 57999	353°	THRE	689
W35A		Apt Elev	700

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 39°C (102°F). Circling NA west of Rwy 17R-35L. DME/DME RNP-0.3 NA. Baro-VNAV and VDP NA when using Fort Worth Meacham altimeter setting. When local altimeter setting not received, use Fort Worth Meacham altimeter setting and increase all DA 37 feet and all MDA 40 feet, increase LNAV/VNAV all Cats visibility ⅛ mile. For inoperative MALSR increase LNAV/VNAV all Cats visibility to 1⅝ mile and increase LNAV Cats C/D visibility to 1⅜ mile. For inoperative MALSR when using Fort Worth Meacham altimeter setting, increase LNAV/VNAV all Cats visibility to 1¾ mile and LNAV Cats C/D visibility to 1⅜ mile.

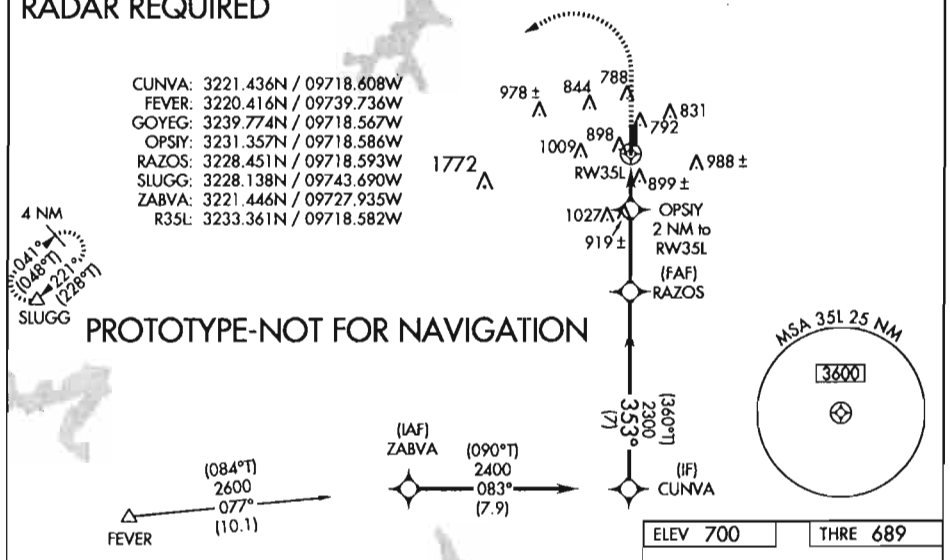
MALSR

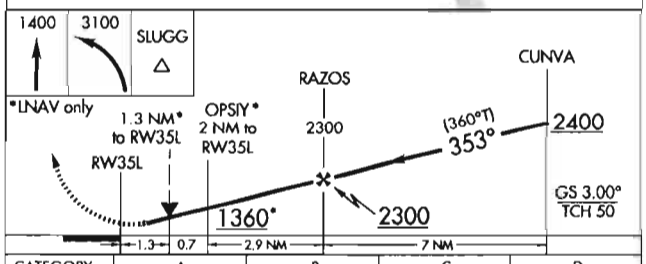
MISSED APPROACH: Climb to 1400 then climbing left turn to 3100 direct SLUGG and hold.

AWOS-3	REGIONAL APP CON	SPINKS TOWER *	GND CON	GCO	UNICOM
120.025	135.975 379.9	124.625 (CTAF)	119.475	121.725	122.7

RADAR REQUIRED

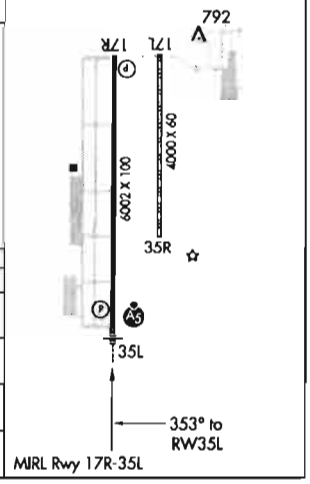
CUNVA: 3221.436N / 09718.608W
FEVER: 3220.416N / 09739.736W
GOYEG: 3239.774N / 09718.567W
OPSIY: 3231.357N / 09718.586W
RAZOS: 3228.451N / 09718.593W
SLUGG: 3228.138N / 09743.690W
ZABVA: 3221.446N / 09727.935W
R35L: 3233.361N / 09718.582W

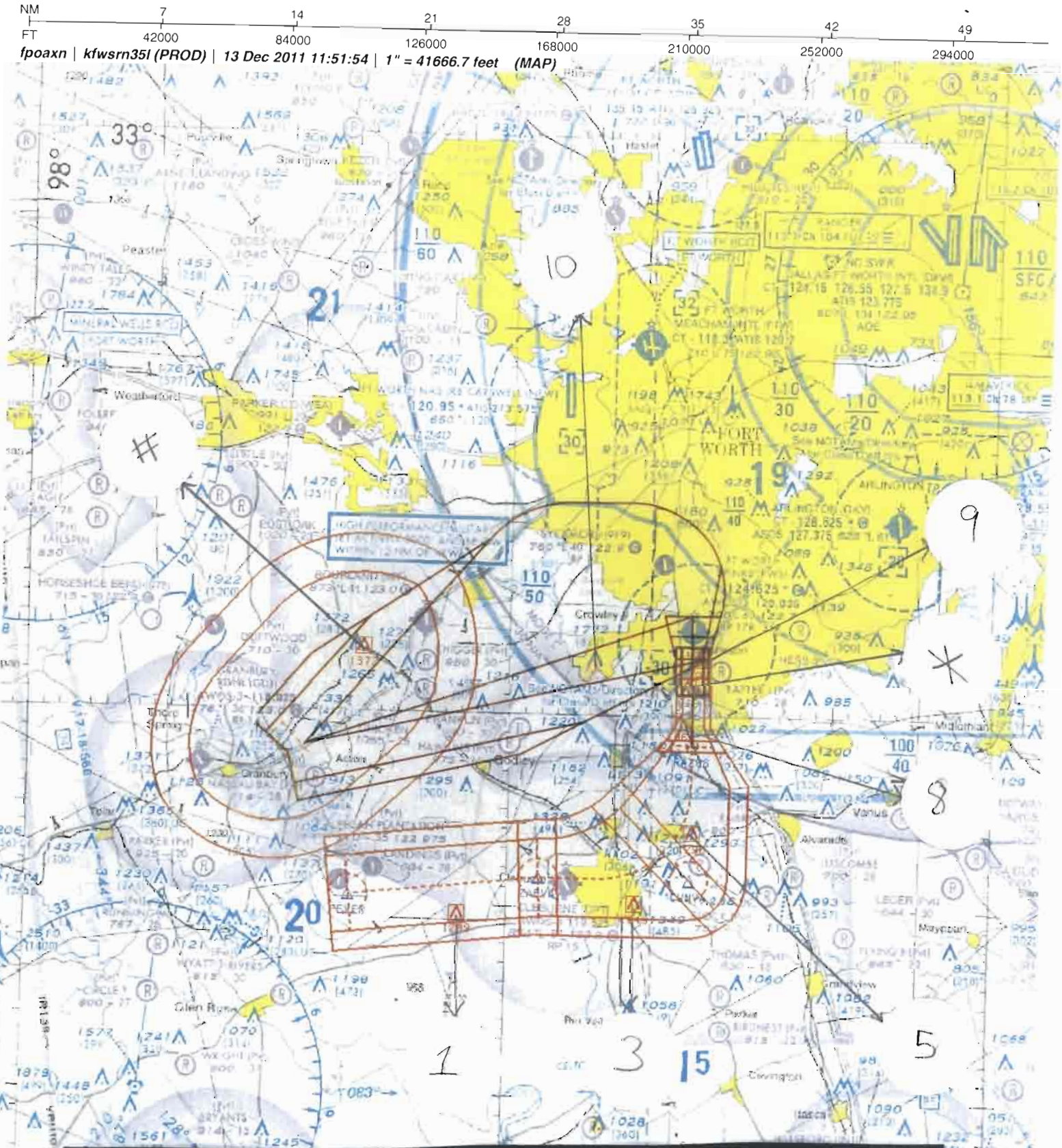




CATEGORY	A	B	C	D
LPV DA	889-½ 200 (200-½)			
LNAV/VNAV DA	1185-1¼ 496 (500-1¼)			
LNAV MDA	1160-½ 471 (500-½)		1160-1 471 (500-1)	
CIRCLING	1200-1 500 (500-1)		1200-1½ 500 (500-1½)	1260-2 560 (600-2)

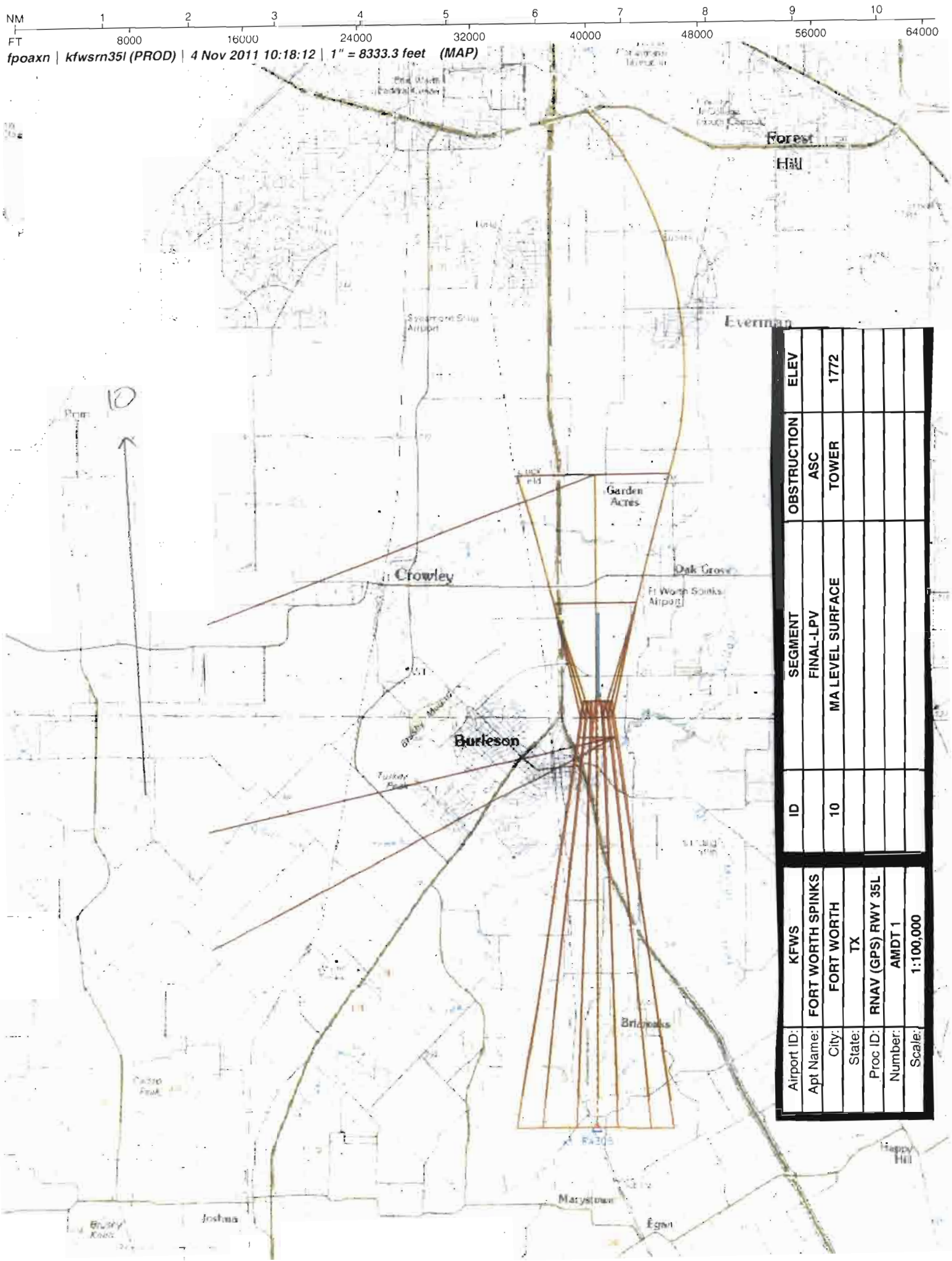
ELEV 700 THRE 689

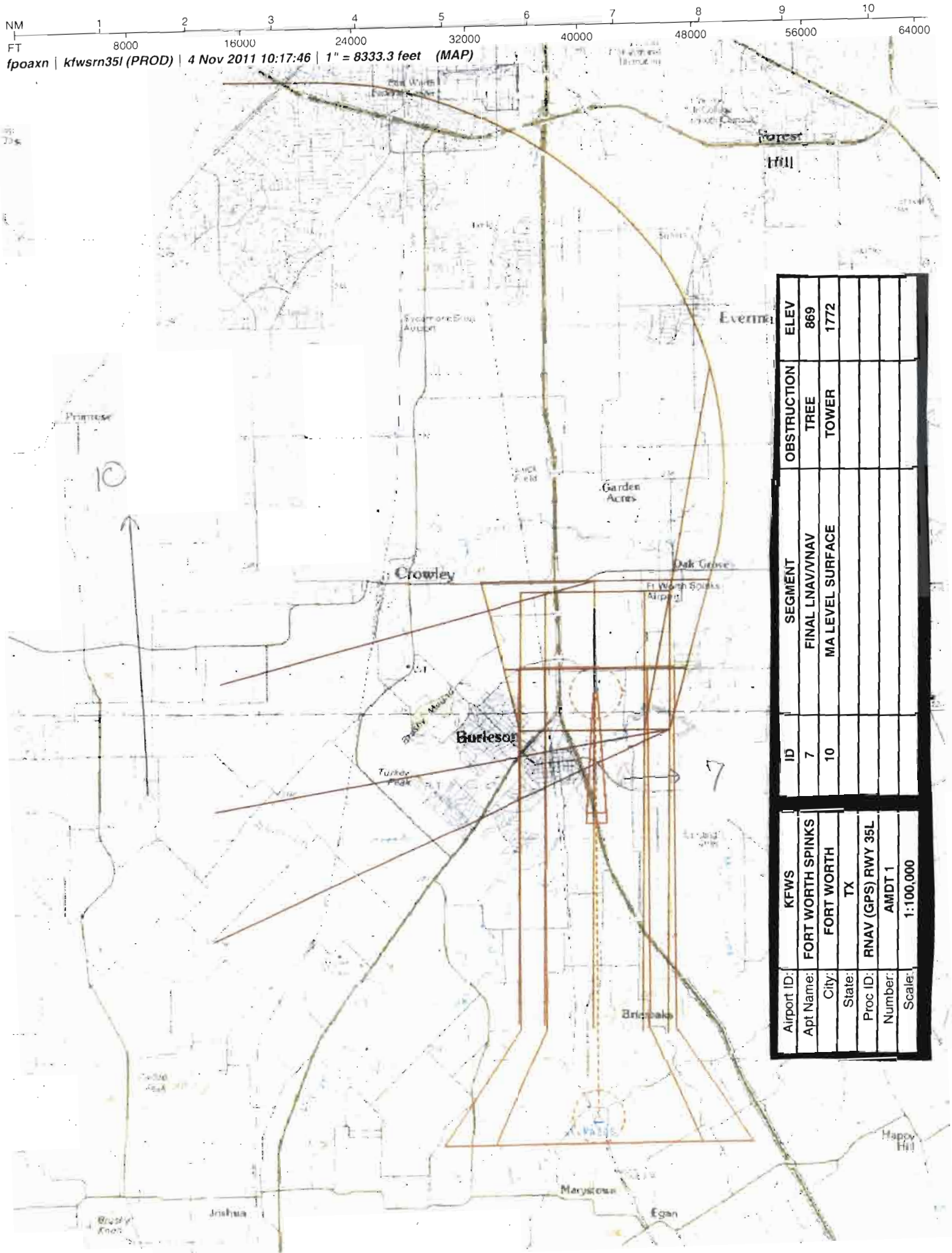




Airport ID:	KFWS
Apt Name:	FORT WORTH SPINKS
City:	FORT WORTH
State:	TX
Proc ID:	RNAV (GPS) RWY 35L
Number:	AMDT 1
Scale:	1:500,000

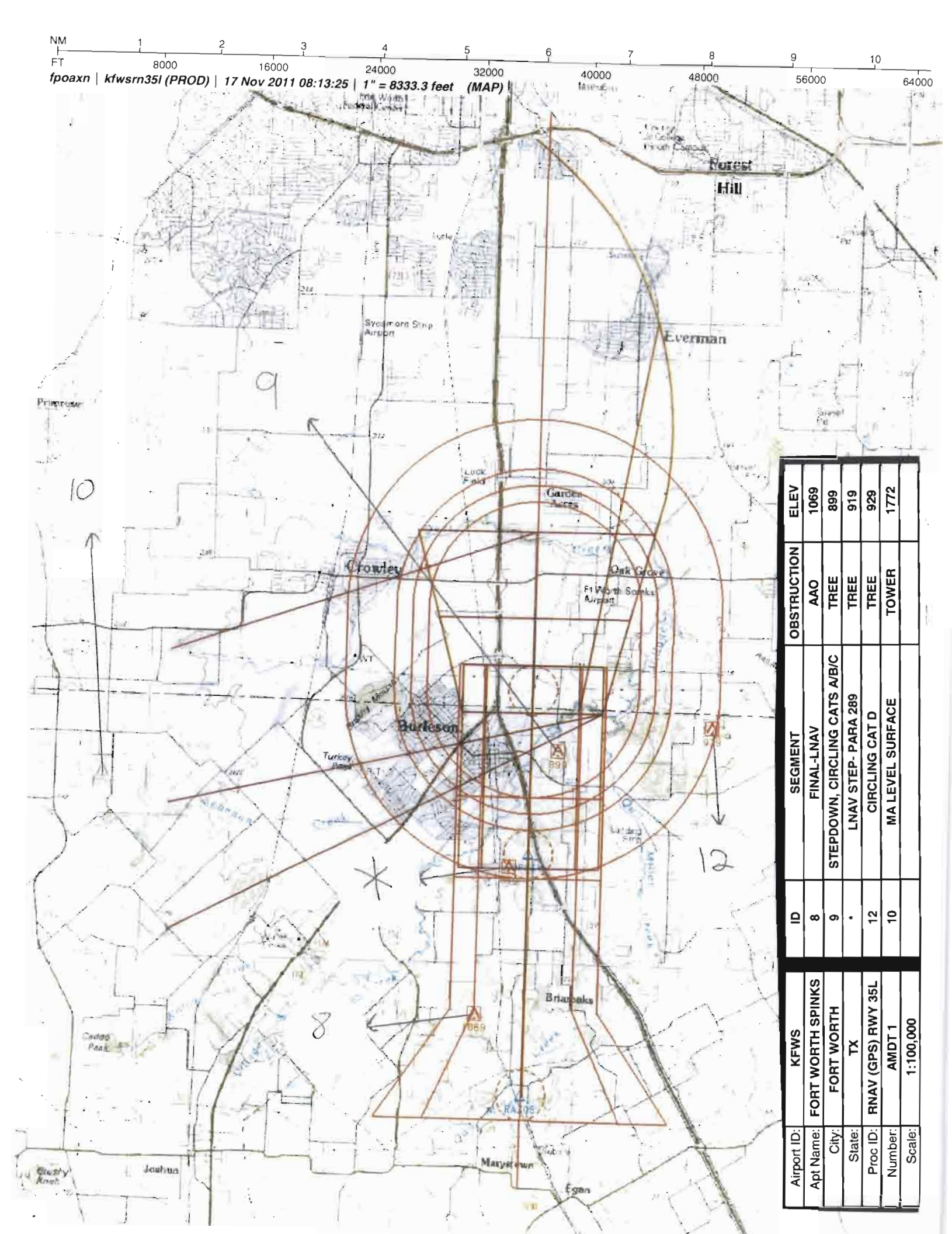
ID	SEGMENT	OBSTRUCTION	ELEV
1	FEVER FEEDER	AAO	1209
3	ZABVA INITIAL	TOWER	1349
5	INTERMEDIATE	TOWER	1290
8	FINAL-LNAV	AAO	1069
9	STEPDOWN	TREE	899
*	LNAV STEP- PARA 289	TREE	919
10	MA LEVEL SURFACE	TOWER	1772
#	MA HOLDING	TOWER	1372


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpoaxn | kfwsrn35l (PROD) | 4 Nov 2011 10:18:12 | 1" = 8333.3 feet (MAP)
Forest Hill
Everman
Garden Acres
Crowley
Oak Grove
Ft Worth Spinks Airport
Burleson
Briaroaks
Marystown
Egan
Joshua
Happy Hill
10
Airport ID: KFWS
Apt Name: FORT WORTH SPINKS
City: FORT WORTH
State: TX
Proc ID: RNAV (GPS) RWY 35L
Number: AMDT 1
Scale: 1:100,000
ID
SEGMENT
FINAL-LPV
MA LEVEL SURFACE
OBSTRUCTION
ASC
TOWER
ELEV
1772



Airport ID:	KFWS
Apt Name:	FORT WORTH SPINKS
City:	FORT WORTH
State:	TX
Proc ID:	RNAV (GPS) RWY 35L
Number:	AMDT 1
Scale:	1:100,000

ID	SEGMENT	OBSTRUCTION	ELEV
7	FINAL LNAV/VNAV	TREE	869
10	MA LEVEL SURFACE	TOWER	1772



Airport ID:	KFWS
Apt Name:	FORT WORTH SPINKS
City:	FORT WORTH
State:	TX
Proc ID:	RNAV (GPS) RWY 35L
Number:	AMDT 1
Scale:	1:100,000

ID	SEGMENT	OBSTRUCTION	ELEV
8	FINAL-LNAV	AAO	1069
9	STEPDOWN, CIRCLING CATS A/B/C	TREE	899
*	LNAV STEP- PARA 289	TREE	919
12	CIRCLING CAT D	TREE	929
10	MA LEVEL SURFACE	TOWER	1772

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
FEVER	ZABVA (FB)	077.08 / 10.05	2600
ZABVA (IAF)	CUNVA (FB)	083.03 / 7.90	2400
CUNVA (IF)	RAZOS (FB)	353.11 / 7.00	2300
RAZOS (FAF)	OPSIY/2.00 NM TO RW35L (FB)	353.11 / 2.90	
OPSIY/2.00 NM TO RW35L	RW35L (MAP) (FO)	353.11 / 2.00	
RW35L (MAP)	1400 MSL	353.11	1400
1400 MSL	SLUGG (FO)		3100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35L

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3100 DIRECT SLUGG AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CUNVA
3. FAC: 353.11 FAF: RAZOS DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: CUNVA 2400, RAZOS 2300, OPSIY/2.00 NM TO RW35L 1360*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: RAZOS 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.3 34:1 IS CLEAR
8. MSA FROM: RW35L 3600

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 220.97 INBOUND.
CHART FAS OBST: 869 TREE 323223N/0971812W
CHART FAS OBST: 899 TREE 323233N/0971812W
CHART: 919 TREE 323107N/0971851W
DISTANCE TO THLD FROM 200 HATH: 0.47 NM.
CHART VDP AT 1.32 MILES TO RW35L*
*LNAV ONLY.
WAAS CHANNEL # 57999
REFERENCE PATH ID: W35A
LTP HAE: 182.5 M

MAG VAR: 7E EPOCH YEAR: 1985

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	889	1/2	200	889	1/2	200	889	1/2	200	889	1/2	200			
LNAV/VNAV DA	1185	1 1/4	496	1185	1 1/4	496	1185	1 1/4	496	1185	1 1/4	496			
LNAV MDA	1160	1/2	471	1160	1/2	471	1160	1	471	1160	1	471			
CIRCLING	1200	1	500	1200	1	500	1200	1 1/2	500	1260	2	560			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: CIRCLING NA W OF RWY 17R-35L.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 700 THRE: 689 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT WORTH, TX	FORT WORTH SPINKS	RNAV	RNAV (GPS) RWY 35L, AMDT 1	AMDT: ORIG
				DATED 12/22/2005

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] DFW ATCT, REGIONAL APP CON, ZFW, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
JOSE ALFONSO (AISHAT NAUZO)	AJV-353	11/01/2011

APPROVED BY		
NAME:	FIFO	DATE:
LARRY H STROUT MANAGER	AJV-353	

CHANGES:

1 CHANGED LOCAL ALTIMETER SETTING NOTE TO INCLUDE INCREASE ALL DA 37 FT AND ALL MDA 40 FT INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE. INCLUDED NOTE FOR INOPERATIVE MALSR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE AND INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 MILE. INCLUDED NOTE FOR INOPERATIVE MALSR WHEN USING FORT WORTH MEACHAM ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/4 MILE AND LNAV CATS C/D VISIBILITY TO 1 3/8 MILE. REMOVED FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY ALL CATS TO 1.
2 CHANGED BARO-VNAV NOTE FROM NA BELOW -16C (4F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
3 MOVED AND RENAMED CAVEN (IF), CUNVA. CHANGED CUNVA TO RAZOS SEGMENT LENGTH FROM 6 NM TO 7 NM.
4 MOVED AND RENAMED JAPVA (IAF), ZABVA. CHANGED ZABVA TO CUNVA SEGMENT LENGTH FROM 5 NM TO 7.9 NM.
5 CHANGED FEVER TO ZABVA SEGMENT LENGTH FROM 13.1NM TO 10.05 NM AND CRS FROM 074 TO 077 DEGREES.
6 MOVED RAZOS (FAF), ADDED OPSIY (SDF), INCLUDED RAZOS TO OPSIY LEG LENGTH 2.9 NM, OPSIY TO VDP LEG LENGTH 0.6 NM AND VDP TO RWY 35L LEG LENGTH 1.4 NM.
7 CHANGED LPV MINIMA FROM 947-1/2 250 ALL CATS TO 889- 1/2 200 ALL CATS.
8 CHANGED LNAV/VNAV MINIMA FROM 1112-1 415 ALL CATS TO 1185-1 1/4 496 ALL CATS.
9 CHANGED LNAV MINIMA FROM CATS A/B 1340-1/2 643, CAT C 1340-1 1/4 643, CAT D 1340 1 1/2 643 TO CATS A/B 1160-1/2 471 AND CATS C/D 1160-1 471.
10 CHANGED CIRCLING CATS A/B FROM 1340-1 1/2 640, CAT C 1340-1 3/4 640 AND CAT D 1340-2 640 TO CATS A/B 1200-1 500, CAT C 1200 1 1/2 500 AND CAT D
SEE 8260-10

REASONS:

1 NEW OBSTACLE EVALUATION AND APPLICATION OF UPDATED VISIBILITIES FROM 8260.3B CHG 20 VOL 1 CHP 3 SEC 3 AND 8260.19D PARA 855E.
2 8260.19D, CHAP 4, PARA 497, CRITICAL TEMPERATURE.
3 MINIMUM LENGTH FOR DTA USING .54 CRITERIA.
4,5 DUE TO IAF MOVE.
6 NEW OBSTRUCTIONS AND DESCENT GRADIENT.
7-10 NEW OBSTRUCTIONS.
11 CRITERIA DOES NOT PERMIT BUILD TO GOYEG.

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NOTES, (CONT.):
CHAR NOTE: BARO-VNAV AND VDP NA WHEN USING FORT WORTH MEACHAM ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WORTH MEACHAM ALTIMETER SETTING AND INCREASE ALL DA 37 FT AND ALL MDA 40 FT, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE AND INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING FORT WORTH MEACHAM ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/4 MILE AND LNAV CATS C/D VISIBILITY TO 1 3/8 MILE.

CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 5 CHECK

CITY AND STATE	ELEVATION: 700 THRE: 689	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: FORT WORTH SPINKS	RNAV	RNAV (GPS) RWY 35L, AMDT 1	AMDT: ORIG
				DATED: 12/22/2005

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.
1260-2 560. 11 REMOVED FIRST MA FIX GOYEG AND CHANGED MA INSTRUCTIONS TO AN INITIAL CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3100 DIRECT SLUGG.

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	KFWS
RUNWAY	RW35L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	323321.6620N
LTP/FTP LONGITUDE	0971834.8880W
LTP/FTP ELLIPSOIDAL HEIGHT	+01825
FPAP LATITUDE	323450.9400N
FPAP LONGITUDE	0971834.6900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	2ECD98B6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02100
FPAP ORTHOMETRIC HEIGHT	+02100

CITY AND STATE	ELEVATION: 700 THRE: 689	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: FORT WORTH SPINKS	RNAV	RNAV (GPS) RWY 35L, AMDT 1	AMDT: ORIG
				DATED: 12/22/2005

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

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:

APPROVED BY

NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (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 - 424-8 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CUNVA K40    W     N32212619W097183651                    E0042     NAR           CUNVA
        SUSAEAENRT   FEVER K40    R   L N32202494W097394419                    E0044     NAR           FEVER
        SUSAEAENRT   OPSIY K40    W     N32312142W097183516                    E0042     NAR           OPSIY
        SUSAEAENRT   RAZOS K40    W     N32282704W097183556                    E0042     NAR           RAZOS
        SUSAEAENRT   SLUGG K40    C   L N32280826W097434139                    E0045     NAR           SLUGG
        SUSAEAENRT   ZABVA K40    W     N32212675W097275610                    E0043     NAR           ZABVA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4AFWS     0     060YHN32335482W097182908E007000700         1800018000C    MNAR    FORT WORTH SPINKS

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4FR35L  AFEVER 010FEVERK4EA0E       IF                                                18000                A JS
        SUSAP KFWSK4FR35L  AFEVER 020ZABVAK4EA0E  A 020TF                    07710101    + 02600                                A JS
        SUSAP KFWSK4FR35L  AFEVER 030CUNVAK4EA0EE B 010TF                    08300079    + 02400                                A JS
        SUSAP KFWSK4FR35L  R      010CUNVAK4EA0E  I    IF                                + 02400     18000                      A JS
        SUSAP KFWSK4FR35L  R      020RAZOSK4EA1E  F 051TF                    35310070    + 02300                  RW35L K4PGA JS
        SUSAP KFWSK4FR35L  R      020RAZOSK4EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KFWSK4FR35L  R      021OPSIYK4EA0E S  031TF                    35310029    V 0136001376        -300              A JS
        SUSAP KFWSK4FR35L  R      030RW35LK4PG0GY M 031TF                    35310020      00739             -300              A JS
        SUSAP KFWSK4FR35L  R      040         0  M     CA                    3531        + 01400                                A JS
        SUSAP KFWSK4FR35L  R      050SLUGGK4EA0EY  L   DF                                + 03100                                A JS
        SUSAP KFWSK4FR35L  R      060SLUGGK4EA0EE  R   HM                    22100040    + 03100                                A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4GRW35L   0060023531 N32332166W097183489+0200    +0182500689000050100I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4PR35L  RW35L001 0000W35A0N3233216620W09718348880+018250300N3234509400W097183469001067509200005 03F4003502ECD98B6
        SUSAP KFWSK4PR35L  RW35L002E      +02100+02100LPV       57999

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 700 THRE: 689	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: FORT WORTH SPINKS	RNAV	RNAV (GPS) RWY 35L, AMDT 1	AMDT: ORIG
				DATED: 12/22/2005

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:

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.

SUSAP KFWSK4SRW35LK4PG 0 18018003625 M

QUALITY CHECKED

CITY AND STATE	ELEVATION: 700 THRE: 689	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: FORT WORTH SPINKS	RNAV	RNAV (GPS) RWY 35L, AMDT 1	AMDT: ORIG
				DATED: 12/22/2005

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:

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 SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FEVER	FEVER	010		IF		FB					
	FEVER	ZABVA	020	IAF	TF		FB	2.0	077.1(084.1T)	010.1	AA 02600	
	FEVER	CUNVA	030		TF		FB	1.0	083.0(090.0T)	007.9	AA 02400	
		CUNVA	010	FACF	IF		FB				AA 02400	
		RAZOS	020	FAF	TF		FB	0.5	353.1(000.1T)	007.0	AA 02300	
		OPSIY	021	SDF	TF		FB	0.3	353.1(000.1T)	002.9	AA 01360 GS 01376	
		RW35L	030	MAP	TF		FO	0.3	353.1(000.1T)	002.0	AT 00739	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		353.1(000.1T)		AA 01400	
	SLUGG	050		DF	L	FO				AA 03100	
	SLUGG	060		HM	R	FO		221.0(228.0T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUNVA	N322126.19	W0971836.51	N3221.437	W09718.609
	FEVER	N322024.94	W0973944.19	N3220.416	W09739.737
	OPSIY	N323121.42	W0971835.16	N3231.357	W09718.586
	RAZOS	N322827.04	W0971835.56	N3228.451	W09718.593
	SLUGG	N322808.26	W0974341.39	N3228.138	W09743.690
	ZABVA	N322126.75	W0972756.10	N3221.446	W09727.935
	RW35L	N323321.66	W0971834.89	N3233.361	W09718.582

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00689	50

CITY AND STATE	ELEVATION: 700 THRE: 689	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: **FORT WORTH SPINKS**	**RNAV**	**RNAV (GPS) RWY 35L, AMDT 1**	AMDT: **ORIG**
				DATED: **12/22/2005**

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:

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	FEVER	ZABVA	1. AAO	321907.29N/0973257.69W	1209 (2C)	1000	AT391	2600
			2. TERRAIN	321907.29N/0973257.69W	1009 (1000)		AS1500	2500
INITIAL	ZABVA	CUNVA	3. TOWER (48-019013)	321944.43N/0972154.66W	1349 (5D)	1000	AT391	2400
			4. TERRAIN	322124.00N/0971939.00W	923 (900)		AS1500	2400
INTERMEDIATE	CUNVA	RAZOS	5. TOWER (48-010664)	322329.51N/0971829.05W	1290 (5D)	500	AT510	2300
			6. TERRAIN	322644.11N/0971958.74W	949 (900)		AS1000	1900
FINAL: LPV	RAZOS	RW35L				ASC		889/200
FINAL: LNAV/VNAV	RAZOS	RW35L	7. TREE	323222.98N/0971812.19W	869 (2C)	23.40:1	AC20	1185/496
FINAL: LNAV	RAZOS	OPSIY/2.00 NM TO RW35L	8. AAO	322919.88N/0971918.04W	1069 (2C)	250	RA37	1360
FINAL: LNAV STEPDOWN	OPSIY/2.00 NM TO RW35L	RW35L	9. TREE	323232.92N/0971812.16W	899 (2C)	250		1160
2. PROCEDURE TURN	NA					ASC		3100
3. MISSED APPROACH MAP:	DA / DA / RW35L	SLUGG	10. TOWER (48-002505)	323212.00N/0972446.86W	1772 (2C)	1000		2800
3. MISSED APPROACH ELEV:	724/1024/1060		11. TERRAIN	323306.00N/0973957.00W	1132 (1100)		AS1500	2600

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	500	9. TREE	323232.92N/0971812.16W	899 (2C)	300	1200
CATEGORY B	1.5 NM		450		500	9. TREE	323232.92N/0971812.16W	899 (2C)	300	1200
CATEGORY C	1.7 NM		450		500	9. TREE	323232.92N/0971812.16W	899 (2C)	300	1200
CATEGORY D	2.3 NM		550		560	12. TREE	323251.79N/0971557.32W	929 (2C)	300 HAA	1260
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW35L

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (48-008489)	077/ 17.6	2549 (2C)	3600					5

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT WORTH, TX	ELEVATION: 700 AIRPORT NAME: FORT WORTH SPINKS	RNAV	RNAV (GPS) RWY 35L, AMDT 1	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
FTW FSS REGIONAL APP CON	NWS / OTHER: AWOS-3 FAA A/C	SOURCE: KFWS / KFTW DISTANCE: 0 / 15.49 HOURS REMOTE OPERATION: 24
SATISFACTORY ON: X VHF X UHF HF	LOCATION: KFWS	ADJUSTMENT: 0 / 37

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

	ALS
	(S) SALS
X	MALSR 35L (PCL)
	HIRL
X	MIRL 17R, 35L
	REIL
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 17R, 35L

5. APPROACH & RUNWAY LIGHTING

6. RUNWAY MARKINGS	BASIC
	ALL WEATHER PIR-G 17R, 35L
	INSTRUMENT
7. RUNWAY VISUAL RANGE	APPROACH
	MIDFIELD
	ROLL OUT

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 689.1
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 50.3

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: JOSE ALFONSO (AISHAT NAUZO)	DATE: 11/01/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 919 TREE
323107N/0971851W

RASS PRESSURE PATTERNS SAME
KFWS 700.4, KFTW 710.1
RA = 36.99.
SEE ATTACHED AIRSPACE LETTER.

CIRCLING NA W OF RWY 17R-35L DUE TO NORTH-SOUTH POWER LINES WEST OF AIRPORT.

KFWS AWOS-3 IS ON SERVICE A, KFTW ASOS IS ON SERVICE A.

MAGVAR NOT UPDATED PER FPT. 1/1/2010 MAGVAR 4 DEGREES 28 MINUTES EAST.

VGSI DATA: 3.00/51.2

100' TREE HEIGHT PER FPT.

TAA NOT DEVELOPED PER FPT.

5 YEAR DATA NOT AVAILABLE FOR THIS LOCATION.

AVERAGE COLD TEMPERATURE BASED ON STANDARD -30 C ISA DEVIATION.

OBS #5 VERIFIED (5D) ACCURACY FROM OE/AAA CASE ID 1999-ASW-3523-OE. COORDINATED AND VERIFIED WITH TERRAIN OBSTACLE DATA TEAM.

LPV SLOPE 34:1
LNAV/VNAV SLOPE 23.399:1

RADIO FIX AND HOLDING DATA RECORD

NAME: CUNVA **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 322126.19N/0971836.51W **TYPE:** WP

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

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

REMARKS:
NAME CHANGED FROM CAVEN TO CUNVA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35L			KFWS	FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
FIXED MOVED 1.07 NM SOUTH; COORDINATES UPDATED.
REMOVED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 11/01/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (AISHAT NAUZO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL/FWS
OTHER:

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GOYEG **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 323946.43N/0971834.02W **TYPE:** WP

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

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	KFWS R35L					000.11	6.40				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	FORT WORTH SPINKS - RNAV (GPS) RWY 35L			KFWS	FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:**

DEVELOPED BY: **DATE:** **OFFICE:** AVN-120 **NAME:** (EDWARD MESA)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL/FWS
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: OPSIY **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 323121.42N/0971835.16W **TYPE:** WP

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

FIX USE: USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35L			KFWS	FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/05/2012

DEVELOPED BY: **DATE:** 10/21/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (AISHAT NAUZO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: DFW ATCT
OTHER:

QUALITY 5 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RAZOS **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 322827.04N/0971835.56W **TYPE:** WP

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

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

REMARKS:
FIX COORDINATES DETERMINED IAW 8260.54 PFAF FORMULA APPLIED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35L			KFWS	FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
FIX MOVED 420 FT SOUTH; COORDINATES UPDATED.
REMOVED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 11/01/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (AISHAT NAUZO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: FTW
ARTCC: ZFW
ATC FACILITY: REGIONAL/FWS
OTHER:

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SLUGG **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 322808.26N/0974341.39W **TYPE:** WP, 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	RANGER	FUZ	VORTAC	H	221.97	227.97	37.50	37.50		3100	17500
2	MILLSAP	MQP	VORTAC	H	129.38	138.38		20.58		3100	17500
3	GLEN ROSE	JEN	VORTAC	L	016.27	022.27	20.02	20.02		4000	17500
4	MAVERICK	TTT	VOR/DME	H	229.66	235.66	42.28	42.28		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TTT	VOR/DME	R-230	43	4000	15100

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	FUZ	VORTAC	221.97	221.97	R	1		3100	9000	6	11
2	NE		WP	040.97	220.97	R		4	3100	6000	5	6
3	S	JEN	VORTAC	196.27	016.27	R	1		4000	9000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-005831)	323256.00N/0973902.92W	1372	1A
2	200	TOWER (48-005831)	323256.00N/0973902.92W	1372	1A
3	200	AAO	322305.60N/0974803.80W	1430	6C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
RANGER (FAC 1) AND MILLSAP (FAC 2) USED TO ESTABLISH FIX COORDINATES
NO CHANGES TO COURSES/ DISTANCES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 35L	1, 2, 3, 4	1, 3	KFWS	FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 17R		2	KFWS	FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L		2	KFWS	FORT WORTH	TX (US)
STAR	SLUGG	1, 2, 3		KDTO	DENTON	TX (US)
STAR	SLUGG	1, 2, 3		KAFW	FORT WORTH	TX (US)
STAR	SLUGG	1, 2, 3		KFTW	FORT WORTH	TX (US)
STAR	SLUGG	1, 2, 3		KNFW	FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
FIX MOVED 19.62 FEET SOUTHEAST; COORDINATES UPDATED.
ADDED MAVERICK VORDME FAC 4.
ADDED GLEN ROSE VORTAC PAT 3 PATTERN AND PAT 3 CONTROLLER.
ADDED MAVERICK VDME ESV.
UPDATED FIX USE.
ADDED REMARK RANGER (FAC 1) AND MILLSAP (FAC 2) USED TO ESTABLISH FIX COORDINATES.

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/21/2011.
1. CHANGED FAC 1 AND 2 MRA FROM 4000 TO 3100.
2. CHANGED HOLDING PATTERN 3 MIN ALT FROM 3100 TO 4000.

DEVELOPED BY: **DATE:** 10/21/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (AISHAT NAUZO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL/FWS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZABVA **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 322126.75N/0972756.10W **TYPE:** WP

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

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

REMARKS:
NAME CHANGED FROM JAPVA TO ZABVA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35L			KFWS	FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
FIX MOVED 3.09 NM SOUTHWEST; COORDINATES UPDATED.
REMOVED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 11/01/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (AISHAT NAUZO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL/FWS
OTHER:

QUALITY CHECKED 5

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: FEVER **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 322024.94N/0973944.19W **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	GLEN ROSE	JEN	VORTAC	L	039.32	045.32	15.40	15.40		3000	17500
2	MILLSAP	MQP	VORTAC	H	134.57	143.57		28.69		3000	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17R			KFWS	FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L			KFWS	FORT WORTH	TX (US)
STAR	GLEN ROSE	1, 2		KADS	DALLAS	TX (US)
STAR	GLEN ROSE	1, 2		KDAL	DALLAS	TX (US)
STAR	GLEN ROSE	1, 2		KTKI	DALLAS	TX (US)
STAR	GLEN ROSE	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 12/17/2009

REASON FOR REVISION:
ADDED NM DIST FROM FAC IN FIX MAKE-UP FACILITIES, FAC1 AND FAC2.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 07/01/2009 **OFFICE:** AVN-101 **NAME:** EUGENE NEWTON (WENDY DONCASTER)

APPROVED BY: **DATE:** **OFFICE:** AVN-120 **NAME:** SUE CRUMB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL/FWS
OTHER:

QUALITY 5

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FORT WORTH** STATE: **TX**

AIRPORT NAME: **FORT WORTH SPINKS** ID: **KFWS**

PROCEDURE: **RNAV (GPS) RWY 35L** 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 **3.64**
   (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 **000.11**
4. High Terrain in **FINAL** segment containing 1000' point **859**
5. Distance from **THLD** to 1500' point **11.00**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **7.40**
7. True Course of **INTERMEDIATE** segment containing 1500' point **000.11**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **949**
9. Threshold Coordinates (if straight-in) ... **323321.66N** / **0971834.89W**
10. ARP Coordinates ..... **323354.82N** / **0971829.08W**
11. Runway Approach End and distance furthest from ARP.....RWY **R35L**
    Distance **0.56** NM
12. FAF Coordinates ..... **322827.04N** / **0971835.56W**
    (Click to Select)

REMARKS: Approach/Drawing attached.