Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 04/23/2012	Task #: 2011052726747001014	Request #: 20110527267470
Procedure: CONVERGING ILS RWY 35 L AMDT 4		Airport ID: KDFW	Airport: DALLAS/FORT WORTH INTL		Reimbursable #:
City: DALLAS-FORT WORTH	ST: TX	GPS #:		Estimated Chart Date: 03/07/2013	FICO #:
Fac ID: UWX	Fac. Type: ILS	Specialist: STEPHEN PETERSON			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	04/18/2012	11/08/2012	JILL OLSON	
QA:	11/08/2012	11/08/2012	SCOTT BEARD	
Liaison:	11/08/2012		Spurlin	REPLACEMENT 11/8/12

Procedure Comments: ENROUTE-NON **Remark Type:** INFORMATION

pkg 2.fl

DALLAS-FORT WORTH, TX DALLAS/FORT WORTH INTL (KDFW) CONVERGING ILS RWY 35L, AMDT 4 ENROUTE- NO FC: 1.22.13 PUB: 3.7.13

ATTACHED FORMS: 8260-3; 8260-9; 8260-2(S): BEGGO-INT, REV 5; BOSSI-INT, REV 7; CORMN-INT, REV 7; DALLN-INT, REV 7; GRABE-INT, REV 6; TANDE-INT, REV 6.

CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014 / 405.954.9307.

CONVERGING ILS RWY 35L

DALLAS-FORT WORTH INTL (DFW)

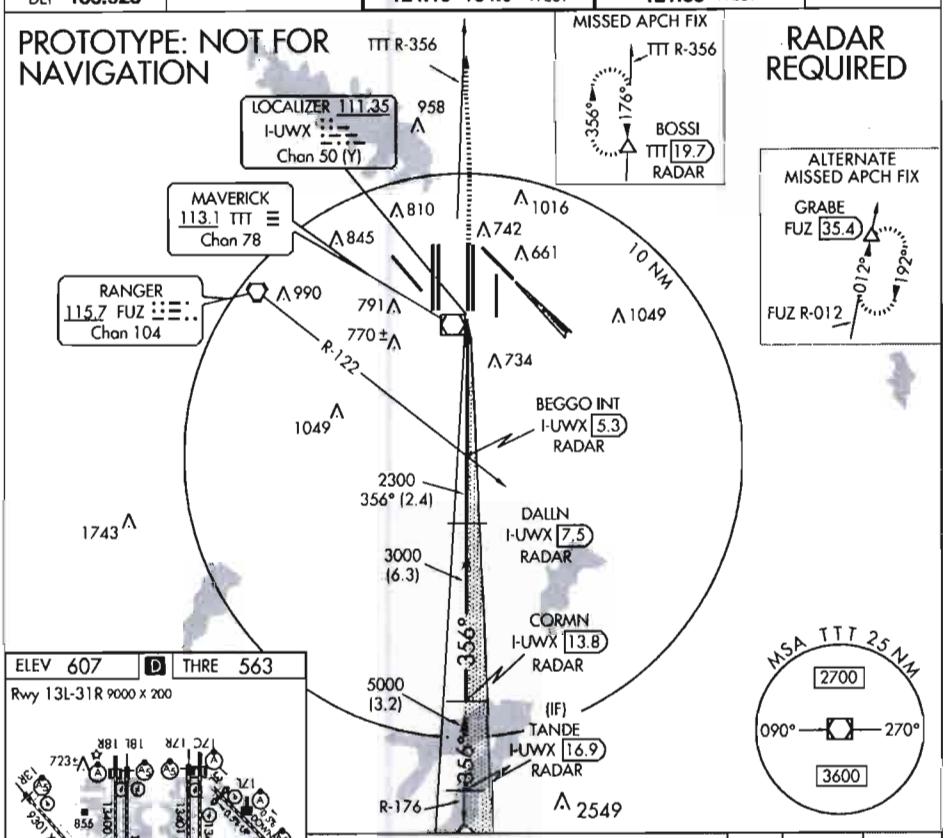
LOC/DME I-UWX	APP CRS	Rwy ldg	13401
111.35	356°	THRE	563
Chan 50 (Y)		Apt Elev	607

DME or RADAR required. Simultaneous approach authorized with CONVERGING ILS Rwy 31R.

MALSR

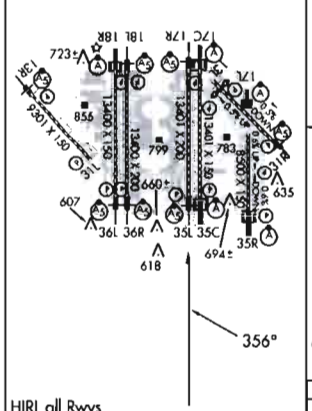
MISSED APPROACH: Climb to 2000 then climb to 3000 on TTT VOR/DME R-356 to BOSSI/TTT 19.7 DME/RADAR and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	127.075	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25



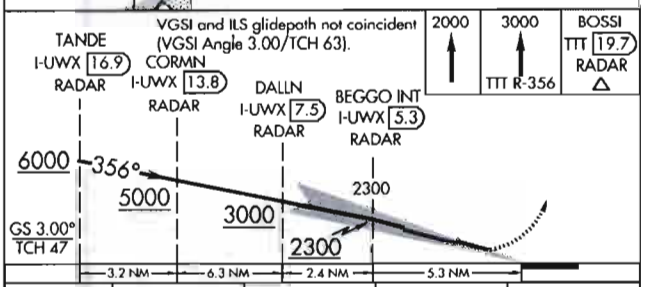
ELEV 607 | D | THRE 563

Rwy 13L-31R 9000 X 200

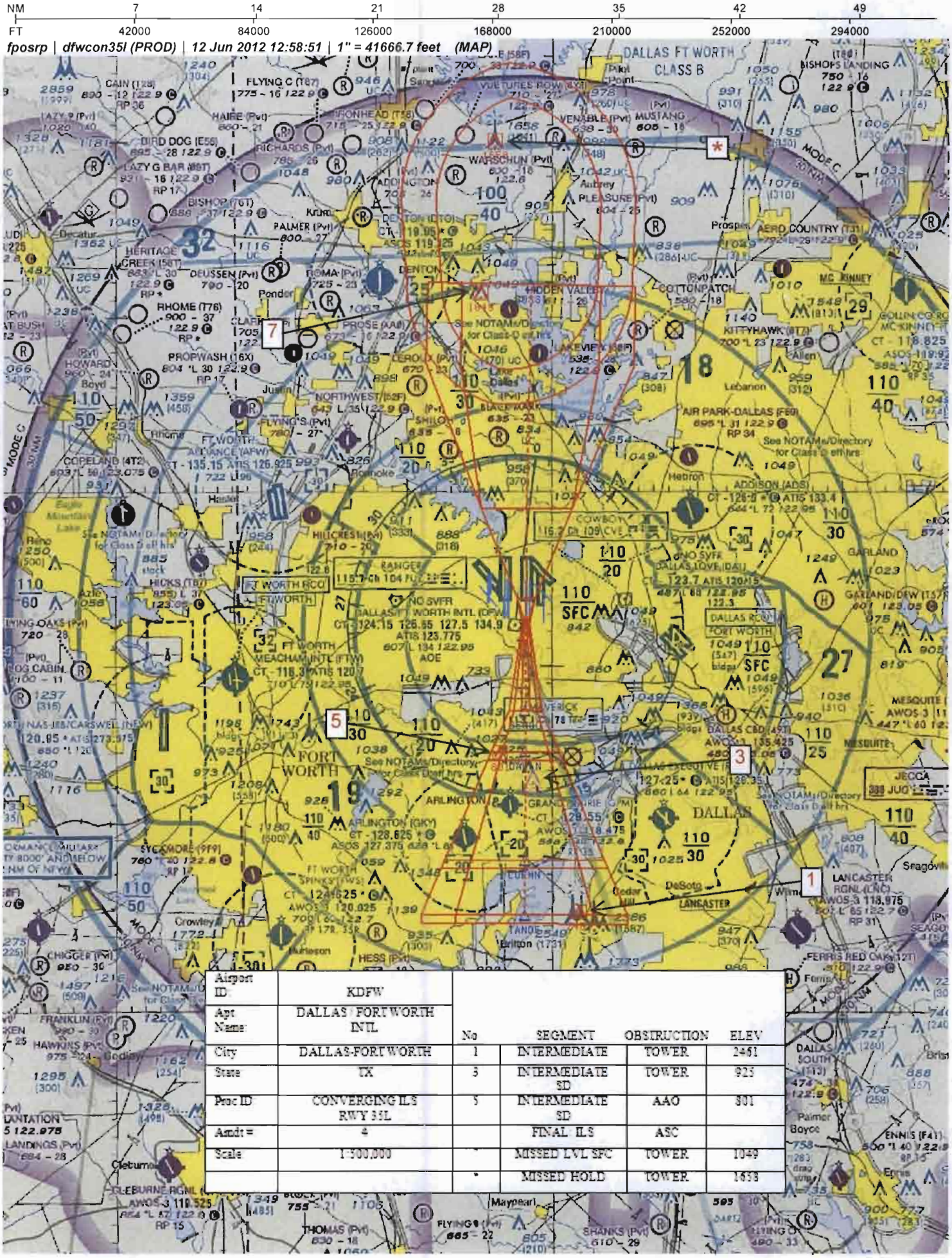


HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L and 31L

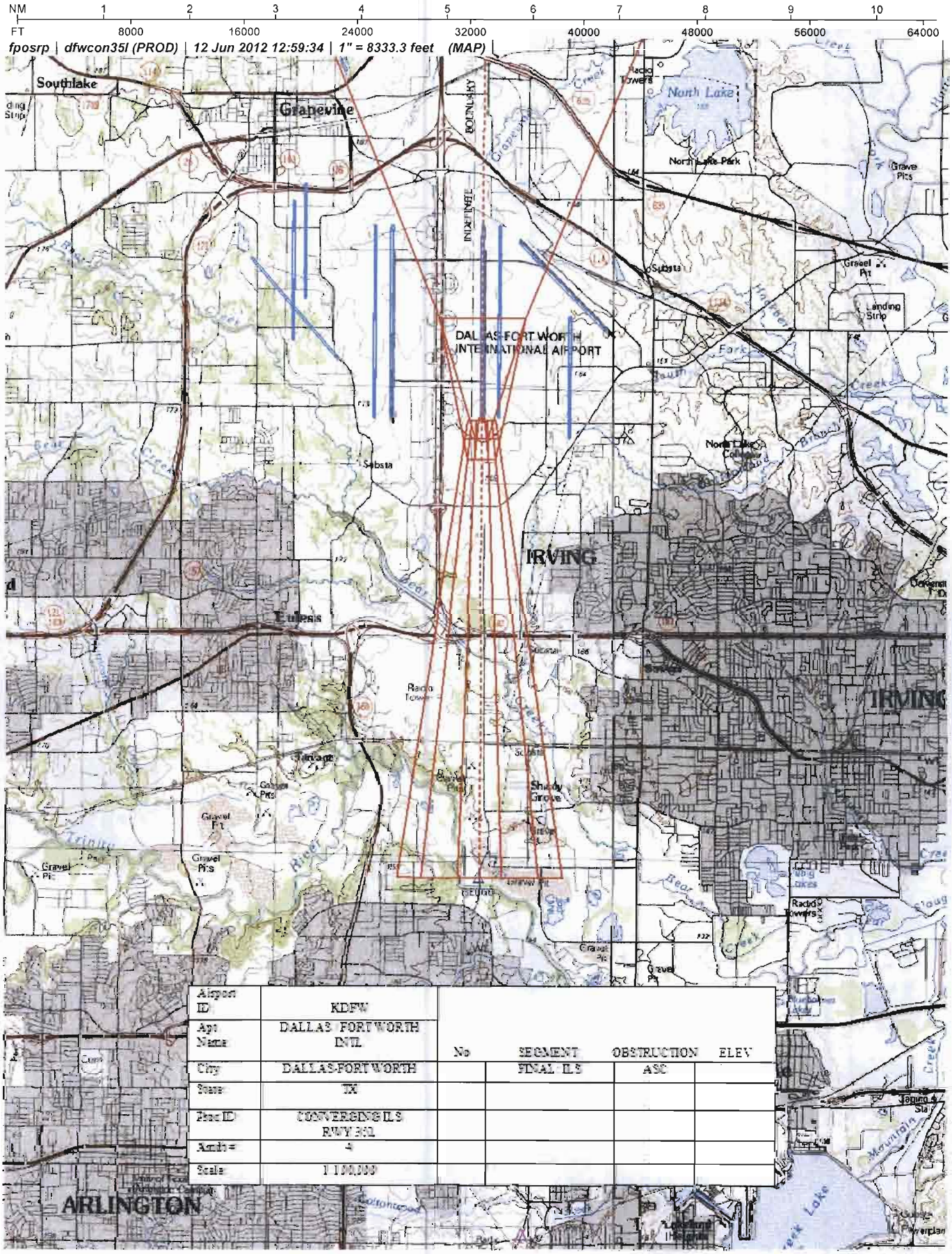
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 63).



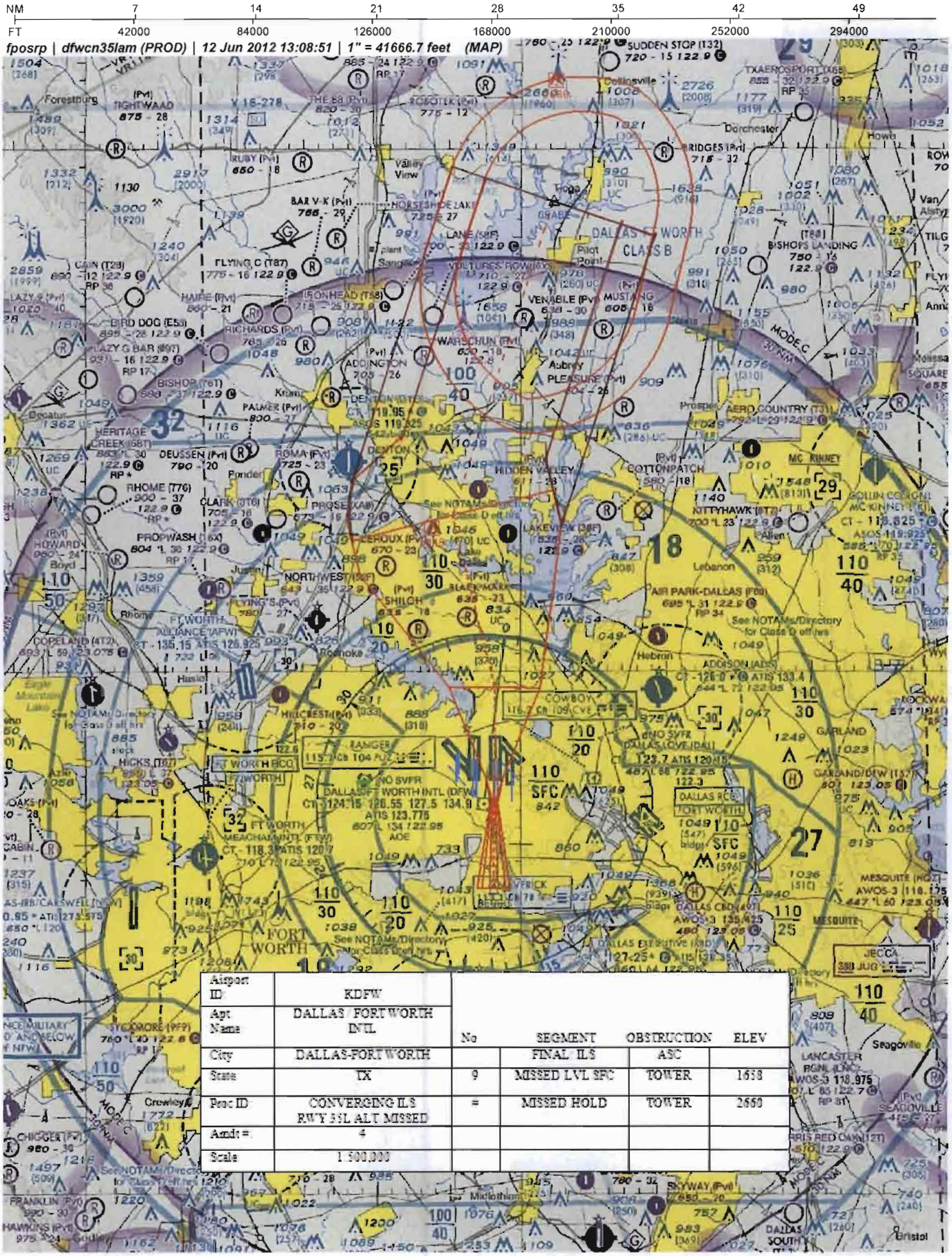
CATEGORY	A	B	C	D
S-ILS 35L	763/18		200 (200-½)	



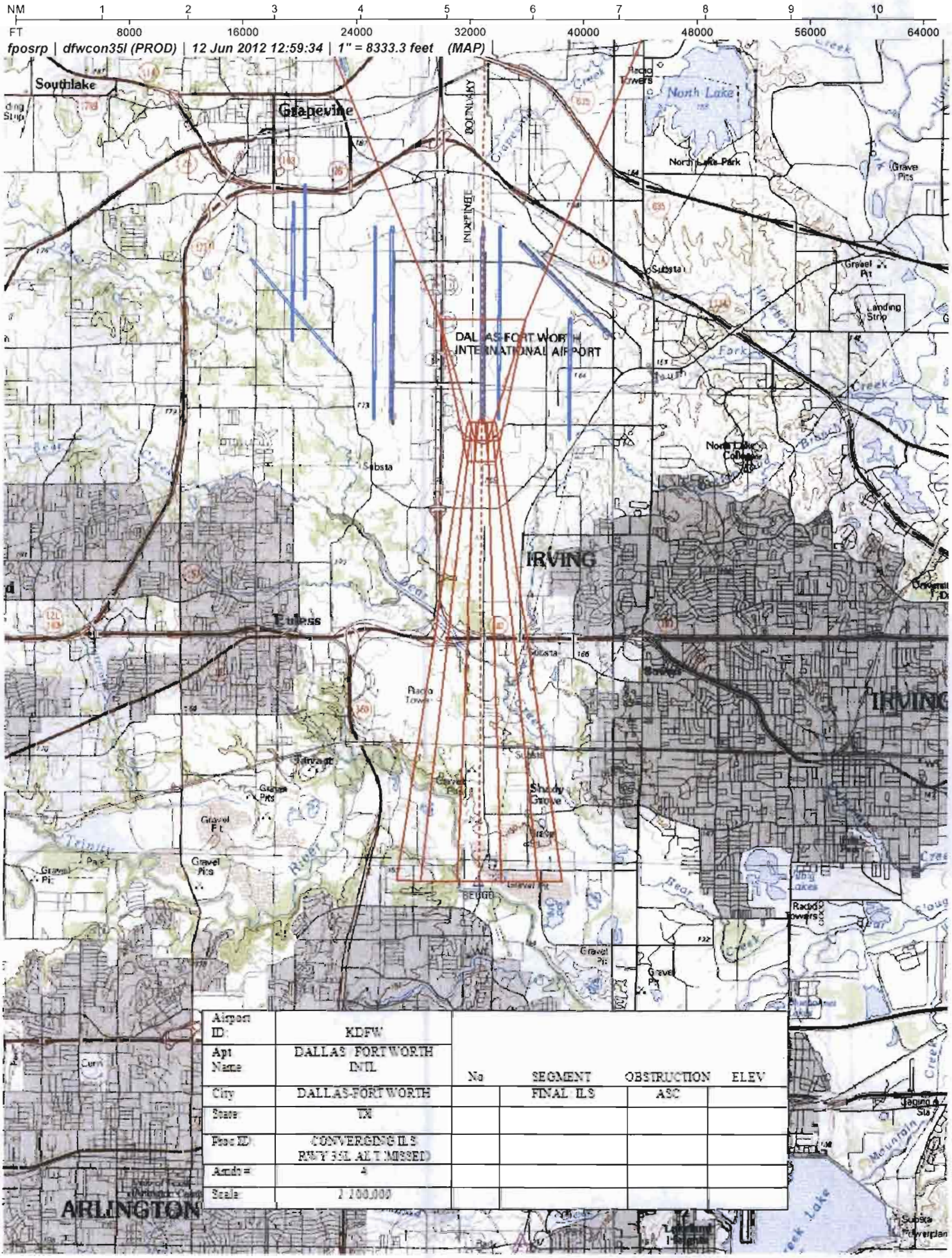
Airport ID	KDFW				
Apt Name	DALLAS/FORT WORTH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH	1	INTERMEDIATE	TOWER	2461
State	TX	3	INTERMEDIATE SD	TOWER	925
Proc ID	CONVERGING ILS RWY 35L	5	INTERMEDIATE SD	AAO	801
Amdt #	4		FINAL ILS	ASC	
Scale	1:500,000		MISSED LVL SFC	TOWER	1049
			MISSED HOLD	TOWER	1633



Airport ID	KDFW				
Apt Name	DALLAS FORT WORTH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH		FINAL ILS	ASC	
State	TX				
Proc ID	CONVERGING ILS RWY 35L				
Amdt #	4				
Scale	1:100,000				



Airport ID	KDFW				
Apt Name	DALLAS / FORT WORTH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH		FINAL ILS	ASC	
State	TX	9	MISSED LVL SFC	TOWER	1618
Proc ID	CONVERGING ILS RWY 35L ALT MISSED	=	MISSED HOLD	TOWER	2660
Amdt =	4				
Scale	1:500,000				


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fposrp | dfwcon35l (PROD) | 12 Jun 2012 12:59:34 | 1" = 8333.3 feet (MAP)
Southlake
Grapevine
North Lake
North Lake Park
DALLAS-FORT WORTH INTERNATIONAL AIRPORT
IRVING
Euless
Shady Grove
ARLINGTON
Airport ID: KDFW
Apt Name: DALLAS FORTWORTH INTL
City: DALLAS-FORTWORTH
State: TX
Proc ID: CONVERGING ILS RWY 35L ALT MISSED
Azmth = 4
Scale: 1:100,000
No
SEGMENT
OBSTRUCTION
ELEV
FINAL ILS
ASC

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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
TANDE/I-UWX 16.94 DME/RADAR (IF)	CORMN/I-UWX 13.79 DME/RADAR	356.26 / 3.15 (I-UWX)	5000
CORMN/I-UWX 13.79 DME/RADAR	DALLN/I-UWX 7.50 DME/RADAR	356.26 / 6.29 (I-UWX)	3000
DALLN/I-UWX 7.50 DME/RADAR	BEGGO INT/I-UWX 5.13 DME/RADAR	356.26 / 2.36 (I-UWX)	2300

MISSED APPROACH

ILS: DA

CLIMB TO 2000 THEN CLIMB TO 3000 ON TTT VOR/DME R-356 TO BOSSI/TTT 19.74 DME/RADAR AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 THEN CLIMB TO 3000 ON HEADING 342.00 AND FUZ VORTAC R-012 TO GRABE INT/FUZ 35.40 DME AND HOLD S, RT, 012.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 176.35 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S GRABE INT/FUZ 35.40 DME, RT, 012.00 INBOUND.
CHART IN PLANVIEW: GRABE INT/FUZ 35.40 DME.
CHART: LOC RWY 31R

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TANDE/I-UWX 16.94 DME/RADAR
3. FAC: 356.26 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: TANDE 6000, CORMN 5000, DALLN 3000, BEGGO 2300
5. DIST TO THLD FROM OM: 5.31 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1110
6. MIN GS INCPT: 2300 GS ALT AT: BEGGO 2300 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 46.8 34:1 IS CLEAR
8. MSA FROM: TTT VOR/DME 090-270 3600, 270-090 2700

MAG VAR: 4E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: 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
S-ILS 35L	763	1800	200	763	1800	200	763	1800	200	763	1800	200			

NOTES:
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH CONVERGING ILS RWY 31R.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 THRE: 563	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME: DALLAS/FORT WORTH INTL	I-UWX	CONVERGING ILS RWY 35L, AMDT 4	AMDT: 3A
				DATED 03/10/2011

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	X	X **ZFW, REGIONAL APP CON, DFW TOWER, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **JILL OLSON (STEPHEN PETERSON)**	FIFO **AJV-353**	DATE: **06/07/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. CHANGED BEGGO FROM 5.13 DME TO 5.31 DME AND DIST FAF TO THLD FROM 5.23 TO 5.31.
2. CHANGED DALLN FROM 7.43 DME TO 7.50 DME/CORMN FROM 13.72 DME TO 13.79 DME/TANDE FROM 16.87 DME TO 16.94 DME.
3. AUTHORIZED ALTERNATE MINIMUMS.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4000 VIA TTT VOR/DME R-356 TO BOSSI/TTT 19.7 DME/RADAR AND HOLD" TO "CLIMB TO 2000 THEN CLIMB TO 3000 ON TTT VOR/DME R-356.36 TO BOSSI/TTT 19.74 DME/RADAR AND HOLD."
5. CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4000 THEN CLIMBING LEFT TUN TO 5000 VIA FUZ VORTAC R-012 TO GRABE INT/FUZ 35.40 DME AND HOLD S, RT, 012.00 INBOUND" TO "CLIMB TO 2000 THEN CLIMB TO 3000 ON HEADING 342.00 AND FUZ VORTAC R-012.00 TO GRABE INT/FUZ 35.40 DME/RADAR AND HOLD S, RT, 012.00 INBOUND."

REASONS:

1. MOVED TO 8260.54A FORMULA 2-16B PFAF LOCATION.
2. DESCENT GRADIENT AND MAINTAIN PARALLEL ALIGNMENT WITH FIXES ON OTHER NORTHBOUND RWYS TO SUPPORT SIMULTANEOUS OPERATIONS.
3. PROCEDURE MEETS 8260.19E PARAGRAPH 853B PARAMETERS.
4/5. ATC REQUEST.

QUALITY 1 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.
INTERMEDIATE	TANDE/I-UWX	CORMN/I-UWX	1. TOWER (48-010241)	323519.98N/0965805.88W	2461 (2C)	500	AT2039	5000
	16.94 DME/RADAR	13.79 DME/RADAR	2. TERRAIN	323551.00N/0965821.00W	854 (900)		AS1500	2400
INTERMEDIATE:	CORMN/I-UWX	DALLN/I-UWX 7.50	3. TOWER (48-007757)	324313.00N/0970115.00W	925 (3C)	500	AT1575	3000
STEPDOWN	13.79 DME/RADAR	DME/RADAR	4. TERRAIN	324209.00N/0970424.00W	634 (600)		AS1500	2100
INTERMEDIATE:	DALLN/I-UWX 7.50	BEGGO INT/I-UWX	5. AAO	324436.00N/0970333.00W	801 (4E)	500	AC98 AT901	2300
STEPDOWN	DME/RADAR	5.13 DME/RADAR	6. TERRAIN	324536.00N/0970248.00W	568 (600)		AS1500	2100
FINAL: ILS	BEGGO INT/I-UWX	RW35L				ASC		763/200
	5.13 DME/RADAR							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA	BOSSI/TTT 19.74				ASC		3000
		DME/RADAR	7. TOWER (48-008373)	331102.00N/0970456.00W	1049 (5D)	1000		2100
ELEV:	598		8. TERRAIN	331109.00N/0970615.00W	693 (700)		AS1500	2200

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

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
090-270	TWR (48-008489)	161/ 17.5	2549 (2C)	3600					
270-090	TWR (48-012293)	351/ 27.5	1658 (5D)	2700					

CITY AND STATE	ELEVATION: 607 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DALLAS-FORT WORTH, TX	DALLAS/FORT WORTH INTL	I-UWX	CONVERGING ILS RWY 35L, AMDT 4	ASW

QUALITY CHECKED 3

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZFW ARTCC REGIONAL APP CON DFW TOWER	N W S	OTHER: ASOS	SOURCE: KDFW
	F AA		DISTANCE:
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KDFW		ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID: I-UWX	
	MONITOR POINT: DFW TOWER	
	HRS OPTN: CAT 1	24
	CAT 3	

5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 18R, 35R, 35C, 17L, 17C
		(S) SALS
	X	MALSR 36R, 17R, 35L, 36L, 18L, 31R, 13R
	X	HIRL 13L, 16, 18R, 35R, 36R, 35C, 17R, 35L, 36L, 34, 17L, 18L, 31L, 31R, 13R, 17C
		MIRL
	X	REIL 13L, 31L
	X	TDZ 18R, 35R, 36R, 35C, 17R, 35L, 36L, 17L, 18L, 31R, 13R, 17C
	X	C/L 13L, 18R, 35R, 36R, 35C, 17R, 35L, 36L, 17L, 18L, 31L, 31R, 13R, 17C
	X	OTHER (SPECIFY) PAPI-4R 35R PAPI-2R 35C PAPI-4L 13L, 18R, 36R, 17R, 35L, 36L, 17L, 18L, 31L, 31R, 13R, 17C

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 18R, 35R, 36R, 35C, 17R, 34L, 35L, 36L, 17L, 18L, 16R, 31R, 13R, 17C
	INSTRUMENT	NPI-G 13L, 31L
7. RUNWAY VISUAL RANGE	APPROACH	13L, 18R, 35R, 36R, 35C, 17R, 35L, 36L, 17L, 18L, 31L, 31R, 13R, 17C
	MIDFIELD	13L, 18R, 35R, 36R, 35C, 17R, 35L, 36L, 17L, 18L, 31R, 17C
	ROLL OUT	13L, 18R, 35R, 36R, 35C, 17R, 35L, 36L, 17L, 18L, 31L, 31R, 13R, 17C

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 563.3
	DISTANCE FROM RWY: 1110	ELEV GP ANTENNA: 551.9
		THRESHOLD CROSSING HEIGHT: 46.8

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

10. WAIVERS: NONE

PART D - PREPARED BY: JILL OLSON (STEPHEN PETERSON)	DATE: 06/07/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/62.5.

BACKUP ALTIMETER NOT ESTABLISHED; REDUNDANT WEATHER SOURCES AT AIRPORT.

SEE ATTACHED AIRSPACE LETTER.

AT REQUEST OF FTW-FPO; RADAR VECTORS TO JOIN SIAP. NO FEEDERS, NO CIRCLING.

INTERMEDIATE STEPDOWN FIX DALLN PLACED AT AIR TRAFFIC REQUEST; SATISFIES DESCENT GRADIENT AND SIMULTANEOUS OPERATIONS. FUTURE RNP DEVELOPMENT CONSIDERED.

NO VEGETATION APPLIED WITHIN 50,000FT PER CENTRAL FPT.

FIX NAMES RETAINED PER FPT AND ATC.

NO BACKUP ALTIMETER DATA ADDED, AIRPORT HAS REDUNDANT WEATHER SOURCING.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 3000
9. TOWER (48-012293) 331942.42N/0970357.04W 1658 (5D)
1000 2700
10. TERRAIN 330733.00N/0971136.00W 749 (700) AS1500
2200

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BEGGO **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 324725.01N/0970150.00W **TYPE:** WP, RADAR, 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	DALLAS-FORT WORTH	I-UWX	LOC/DME		176.26	180.26	5.13	7.69	46723	2300	5000
2	RANGER	FUZ	VORTAC	H	122.24	128.24		9.59		2300	17500

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

REMARKS:
DALLAS-FORT WORTH (FAC 1) USED TO ESTABLISH FIX COORDINATES
I-UWX DME LOCATION: 325233.67N/0970153.66W.
8260.54A PFAF FORMULA 2-16B APPLIED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 35L	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT I)	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT II)	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES; FIX MOVED 460.87FT SOUTH.
CHANGED FAC 1 DME FROM 5.06 TO 5.13.
CHANGED FAC 1 DIST IN NM FROM 7.61 TO 7.69.
CHANGED FAC 1 DIST IN FT FROM 46262 TO 46723.
CHANGED FAC 2 MAG/TRUE BEARING FROM 121.88/127.88 TO 122.24/128.24.
CHANGED FAC 2 DIST IN NM FROM 9.54 TO 9.59.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/31/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (STEPHEN PETERSON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON/DFW TOWER
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BOSSI **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 331154.90N/0970127.78W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	DALLAS-FORT WORTH	I-FLQ	LOC/DME		356.27	000.27	19.31	19.33		6000	7000
2	MAVERICK	TTT	VOR/DME	H	356.36	002.36	19.74	19.74		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-FLQ	LOC/DME	R-354	20	6000	7000

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	N	TTT	VOR/DME	356.36	176.36	R	1		3000	6000	5	6
2	N		WP	354.27	174.27	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-012293)	331942.42N/0970357.04W	1658	5D
2	200	TOWER (48-012293)	331942.42N/0970357.04W	1658	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
MAVERICK (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
I-FLQ DME LAT/LONG 325234.13N/0970139.65W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 17C	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	CONVERGING ILS RWY 35C	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	CONVERGING ILS RWY 35L	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 17C	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35C	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17C (CAT II)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17C (CAT III)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17C (SA CAT I)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (CAT II)	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (CAT III)	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (SA CAT I)	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT I)	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT II)	2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 17C			KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35C		2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L		2	KDFW	DALLAS-FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
NEW COORDINATES, FIX MOVED 466 FT N.
UPDATE FAC 1, CHANGED DME FROM 19.23 TO 19.31, DIST FROM FAC FROM 19.25 TO 19.33, AND MAG/TRUE BRG FROM 356.26/000.26 TO 356.27/000.27.
UPDATE FAC 2, CHANGED DME AND DIST FROM FAC FROM 19.67 TO 19.74 AND MAG/TRUE BRG FROM 356.35/000.35 TO 356.36/002.36.
UPDATE HOLDING, CHANGED MIN HOLDING ALTITUDES FROM 4000 TO 3000 AND WP HOLDING INBOUND COURSE FROM 174.26 TO 174.27, PAT 1 FROM 176.35 TO 176.36.
UPDATE REMARKS, ADDED NOTE MAVERICK (FAC 2) USE TO ESTABLISH FIX COORDINATES.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 04/25/2012 **OFFICE:** AJV-353 **NAME:** HERMAN ROGERS

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

QUALITY CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL/DFW
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CORMN **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 323844.92N/0970152.79W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	DALLAS-FORT WORTH	I-UWX	LOC/DME		176.26	180.26	13.79	16.34		5000	5000

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

REMARKS:
I-UWX DME LOCATION: 325233.67N/0970153.66W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 35L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT II)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES; FIX MOVED 367.89FT SOUTH.
CHANGED FAC 1 DME FROM 13.72 TO 13.79.
CHANGED FAC 1 DIST IN NM FROM 16.26 TO 16.34.
REMOVED ESV DATA; NOT REQUIRED.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/31/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (STEPHEN PETERSON)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON/DFW TOWER
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DALLN **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 324503.03N/0970150.77W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	DALLAS-FORT WORTH	I-UWX	LOC/DME		176.26	180.26	7.50	10.05		3000	5000

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

REMARKS:
I-UWX DME LOCATION: 325233.67N/0970153.66W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 35L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT II)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES; FIX MOVED 371.94FT SOUTH.
CHANGED FAC 1 DME FROM 7.43 TO 7.50.
CHANGED FAC 1 DIST IN NM FROM 9.99 TO 10.05.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/31/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (STEPHEN PETERSON)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON/DFW TOWER
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GRABE **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 332705.25N/0965741.50W **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	012.00	018.00	35.40	35.40		3000	17500
2	BONHAM	BYP	VORTAC	H	256.17	262.17		36.86		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	FUZ	VORTAC	012.00	012.00	R	1		3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-007821)	333336.00N/0965736.00W	2660	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TEXOMA	1, 2		KGKY	ARLINGTON	TX (US)
DP	TEXOMA	1, 2		KADS	DALLAS	TX (US)
DP	KRUMM	1, 2		KDAL	DALLAS	TX (US)
DP	TEXOMA	1, 2		KDAL	DALLAS	TX (US)
DP	TEXOMA	1, 2		KRBD	DALLAS	TX (US)
DP	AKUNA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	BLECO (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	GRABE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	LOWGN (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	TEXOMA	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
DP	TRI-GATE	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
DP	TEXOMA	1, 2		KDTO	DENTON	TX (US)
DP	TEXOMA	1, 2		KAFW	FORT WORTH	TX (US)
DP	TEXOMA	1, 2		KFTW	FORT WORTH	TX (US)
DP	TEXOMA	1, 2		KFWS	FORT WORTH	TX (US)
DP	TEXOMA	1, 2		KNFW	FORT WORTH	TX (US)
DP	TEXOMA	1, 2		KGPM	GRAND PRAIRIE	TX (US)
DP	TEXOMA			KLNC	LANCASTER	TX (US)
DP	TEXOMA	1, 2		KTKI	MC KINNEY	TX (US)
DP	TEXOMA	1, 2		KHQZ	MESQUITE	TX (US)
IAP	CONVERGING ILS RWY 35C	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	CONVERGING ILS RWY 35L	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35C	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (CAT II)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (CAT III)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35C (SA CAT I)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT I)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT II)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATE FAC 1, LOWERED MRA FROM 5000 TO 3000.
UPDATE HOLDING, LOWERED MIN HOLDING FROM 5000 TO 3000.
UPDATE REMARKS, ADDED NOTE RANGER
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 05/16/2012 **OFFICE:** AJV-353 **NAME:** HERMAN ROGERS

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

QUALITY CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: DFW APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TANDE **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 323535.55N/0970153.80W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	DALLAS-FORT WORTH	I-UWX	LOC/DME		176.26	180.26	16.94	19.49		6000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-UWX	LOC/DME	BRG-176	20	6000	7000

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

REMARKS:
I-UWX DME LOCATION: 325233.67N/0970153.66W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 35L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 35L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT I)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 35L (SA CAT II)	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 35L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES; FIX MOVED 366.88FT SOUTH.
CHANGED FAC 1 DME FROM 16.87 TO 16.94.
CHANGED FAC 1 DIST IN NM FROM 19.43 TO 19.49.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/31/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (STEPHEN PETERSON)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON/DFW TOWER
OTHER:

QUALITY CHECKED 8

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **DALLAS-FORT WORTH** STATE: **TX**

AIRPORT NAME: **DALLAS-FORT WORTH INTL** ID: **KDFW**

PROCEDURE: **CONVERGING ILS RWY 35L** AMDT: **4**

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 **3.11**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **0.89**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **000.26**
4. High Terrain in **FINAL** segment containing 1000' point **565**
5. Distance from **THLD** to 1500' point **4.68**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.23**
7. True Course of **FINAL** segment containing 1500' point **000.26**
8. High Terrain in **FINAL** segment containing 1500' point **565**
9. Threshold Coordinates (if straight-in) ... **325244.02N** / **0970148.29W**
10. ARP Coordinates ..... **325348.58N** / **0970216.79W**
11. Runway Approach End and distance furthest from ARP.....RWY **13R**
    Distance **2.40** NM
12. FAF Coordinates ..... **324725.01N** / **0970150.00W**
    (Click to Select)

REMARKS: Approach/Drawing attached.