Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 07/29/2011	Task #: 2011072922996914003	Request #: 20110729229969
Procedure: ILS OR LOC RWY 18 L AMDT 2		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: CIX	Fac. Type: ILS	Specialist: STEVE NELSON			

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		Sparlin	REPLACEMENT 11/9/12

p2

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

pg 3 of 7

DALLAS-FORT WORTH, TX DALLAS/FORT WORTH INTL (KDFW) ILS OR LOC RWY 18L, AMDT 2 ENROUTE-NO FC: 1.22.13 PUB: 3.7.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): ALIGN-INT, REV 14; GRUCH-INT, REV 7; HASTY-INT, REV 4; LIKES-INT, REV 5; UDALL-INT, REV 16.

CONTACT: JILL OLSON/STEVE BARNETT, AJV-353 LEADS, 405.954.0414/9307.

ILS or LOC RWY 18L
DALLAS-FORT WORTH INTL (DFW)

LOC/DME I-CIX	APP CRS	Rwy 18L ldg / THRE / Apt Elev	Rwy 18R ldg / THRE / Apt Elev
110.55 Chan 42 (Y)	176°	13400 / 602 / 607	13400 / 607 / 607

T A Simultaneous approach authorized with Rwy 17L/C/R. For inop MALSR/ALSF, increase S-LOC 18L Cat C/D and sidestep 18R Cat C visibility to 1¾ mile. Inop table does not apply to sidestep 18R Cats A and B. DME or RADAR required.

Rwy 18L MALSR (A5) | Rwy 18R ALSF-2 (A)

MISSED APPROACH: Climb to 1100, then climbing right turn to 3000 on heading 245° and FUZ VORTAC R-222 to LIKES INT/FUZ 27 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

ALTERNATE MISSED APCH FIX
117.7 MQP (058°T) 052° (238°T) 232°
Chan 124
TTT (238°T) R-232
(111°T) R-102
LIKES TTT 32
FUZ R-222 (228°T)

(IF) GRUCH I-CIX 16.7 RADAR
356° (360°T)
176° (180°T)
3000 (3.2)
ALIGN I-CIX 13.6 RADAR
176° (180°T)
3000 (6.3)
UDALL I-CIX 7.3 RADAR
2300 (2.3)
HASTY I-CIX 5 RADAR

1140

MSA TTT 25 NM
2700
090° 270°
3600

PROTOTYPE: NOT FOR NAVIGATION

958

RANGER 115.7 FUZ Chan 104

810 1016 742

MISSED APCH FIX
117.7 MQP (048°T) 042° (228°T) 222°
Chan 124
TTT (238°T) R-232
(111°T) R-102
LIKES FUZ 27
FUZ R-222 (228°T)

R-222 (228°T)

791

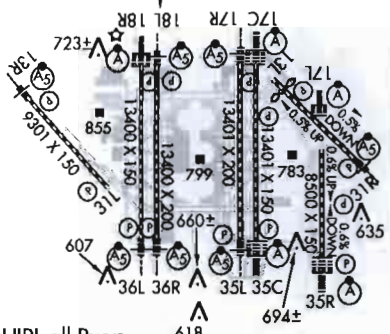
1051

RADAR REQUIRED

LOCALIZER 110.55 I-CIX Chan 42 (Y)

MAVERICK 113.1 TTT Chan 78

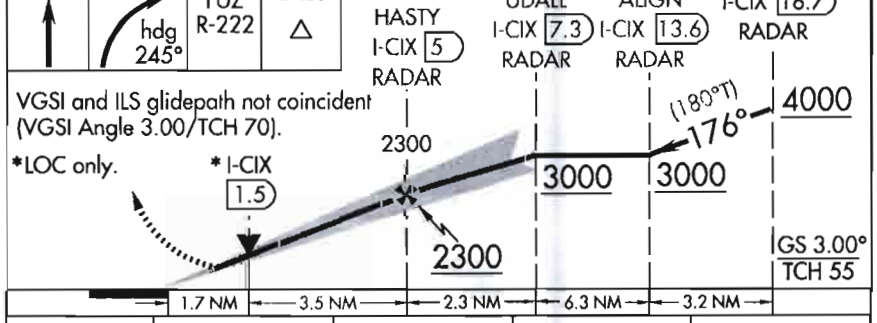
ELEV 607 D THRE 602 18L THRE 607 18R
Rwy 13L-31R 9000 X 200
176° 5.2 NM from FAAF



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

1100 | 3000 hdg 245° | FUZ R-222 | LIKES △

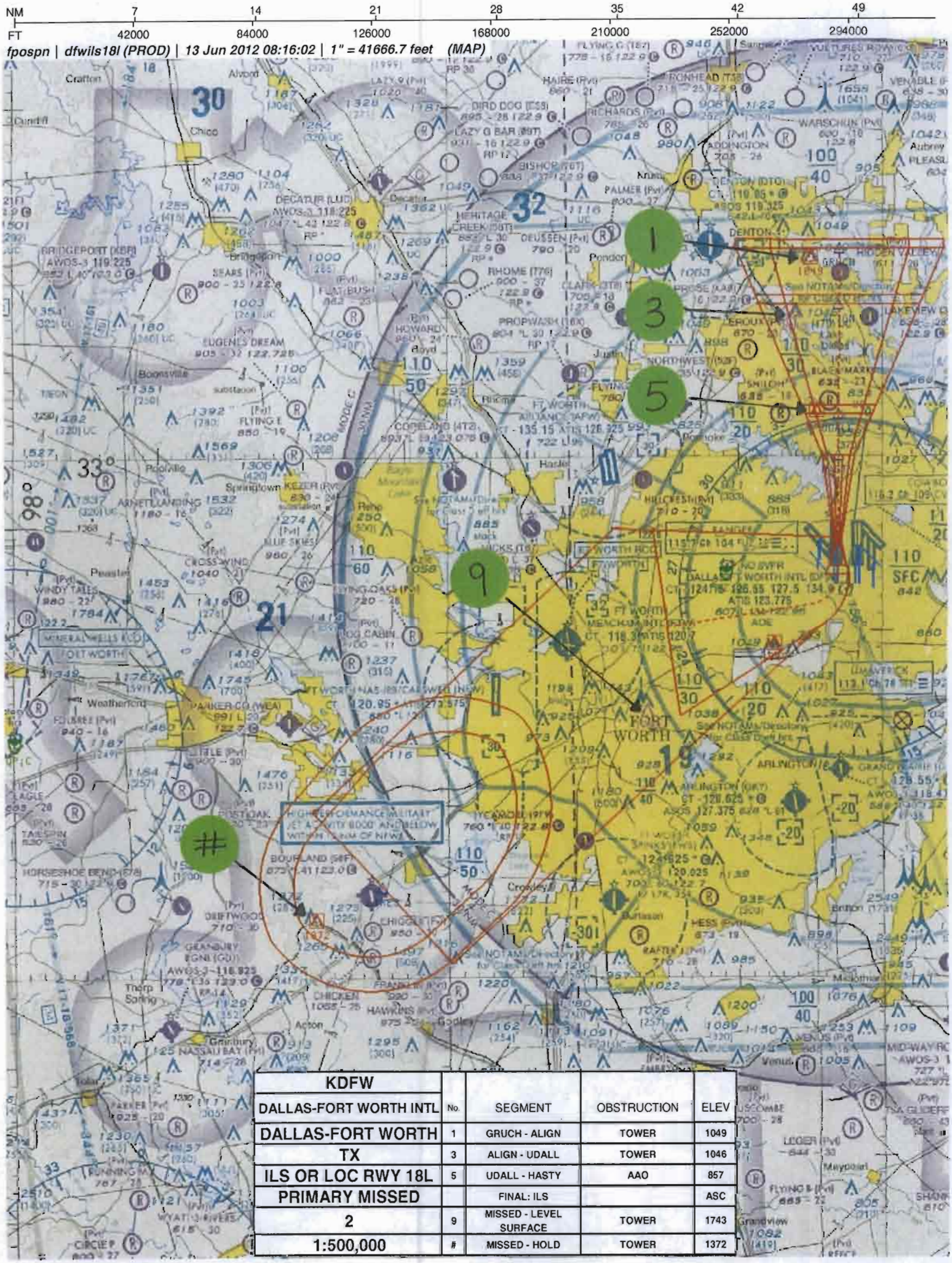
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 70).
*LOC only.



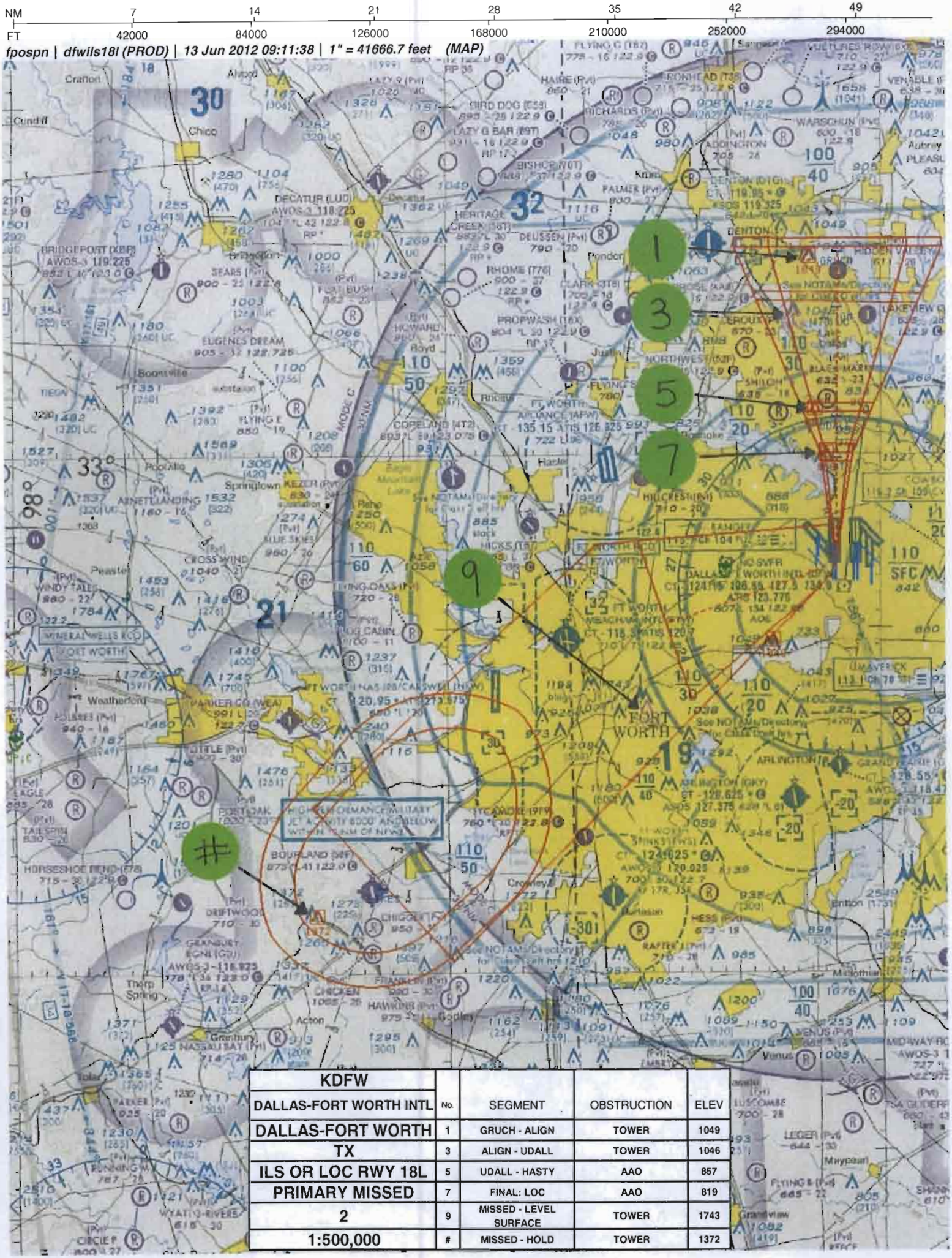
CATEGORY	A	B	C	D
S-ILS 18L	802/18 200 (200-½)			
S-LOC 18L	1220/24 618 (700-½)		1220-1⅜ 618 (700-1⅜)	
SIDESTEP 18R	1220/50 613 (700-1)		1220-1⅜ 613 (700-1⅜)	1220-1½ 613 (700-1½)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



KDFW				
DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
DALLAS-FORT WORTH	1	GRUCH - ALIGN	TOWER	1049
TX	3	ALIGN - UDALL	TOWER	1046
ILS OR LOC RWY 18L	5	UDALL - HASTY	AAO	857
PRIMARY MISSED		FINAL: ILS		ASC
2	9	MISSED - LEVEL SURFACE	TOWER	1743
1:500,000	#	MISSED - HOLD	TOWER	1372



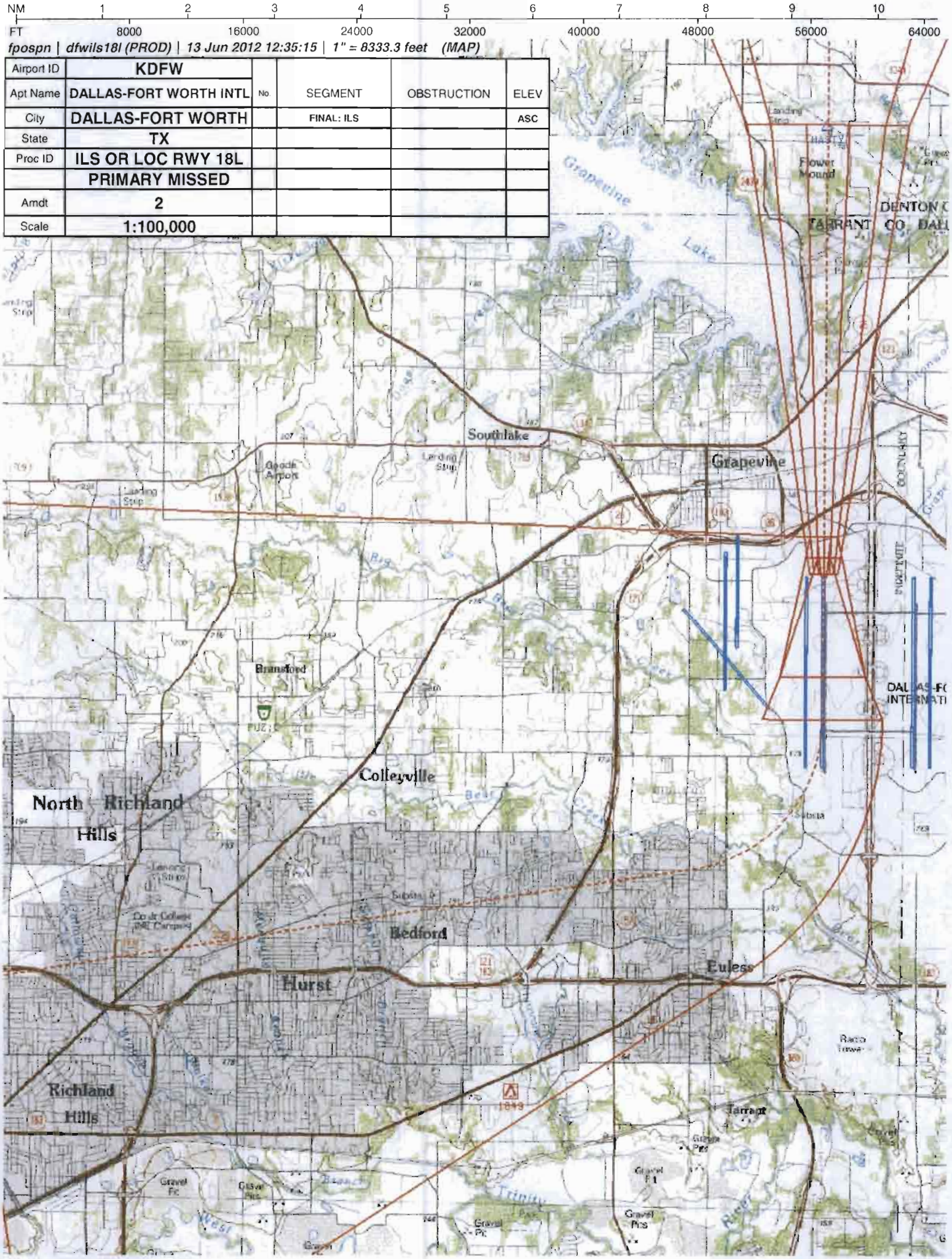
KDFW				
DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
DALLAS-FORT WORTH	1	GRUCH - ALIGN	TOWER	1049
TX	3	ALIGN - UDALL	TOWER	1046
ILS OR LOC RWY 18L	5	UDALL - HASTY	AAO	857
PRIMARY MISSED	7	FINAL: LOC	AAO	819
2	9	MISSED - LEVEL SURFACE	TOWER	1743
1:500,000	#	MISSED - HOLD	TOWER	1372

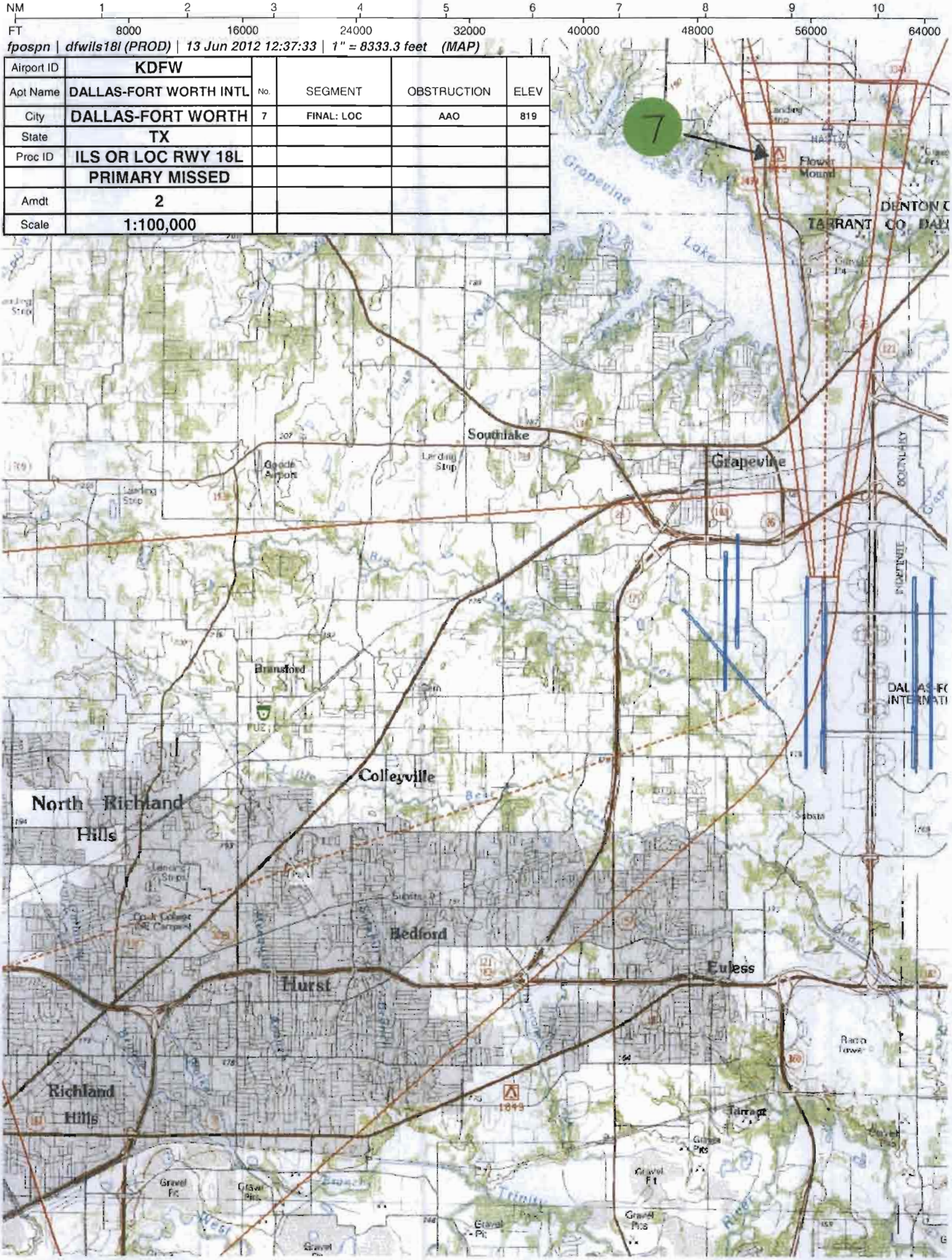
NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

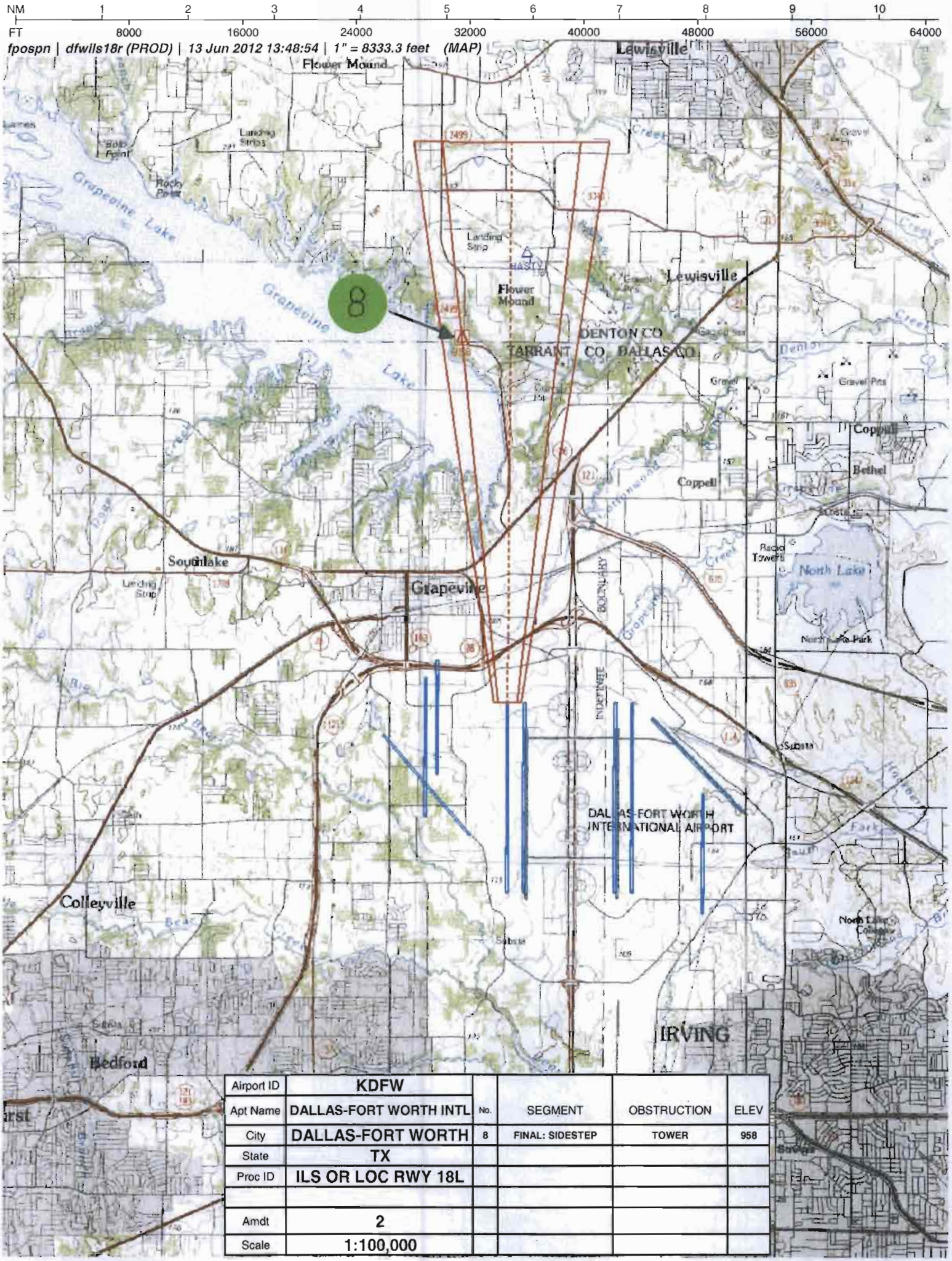
fpospn | dfwils18l (PROD) | 13 Jun 2012 12:35:15 | 1" = 8333.3 feet (MAP)

Airport ID	KDFW				
Apt Name	DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH		FINAL: ILS		ASC
State	TX				
Proc ID	ILS OR LOC RWY 18L				
	PRIMARY MISSED				
Amdt	2				
Scale	1:100,000				

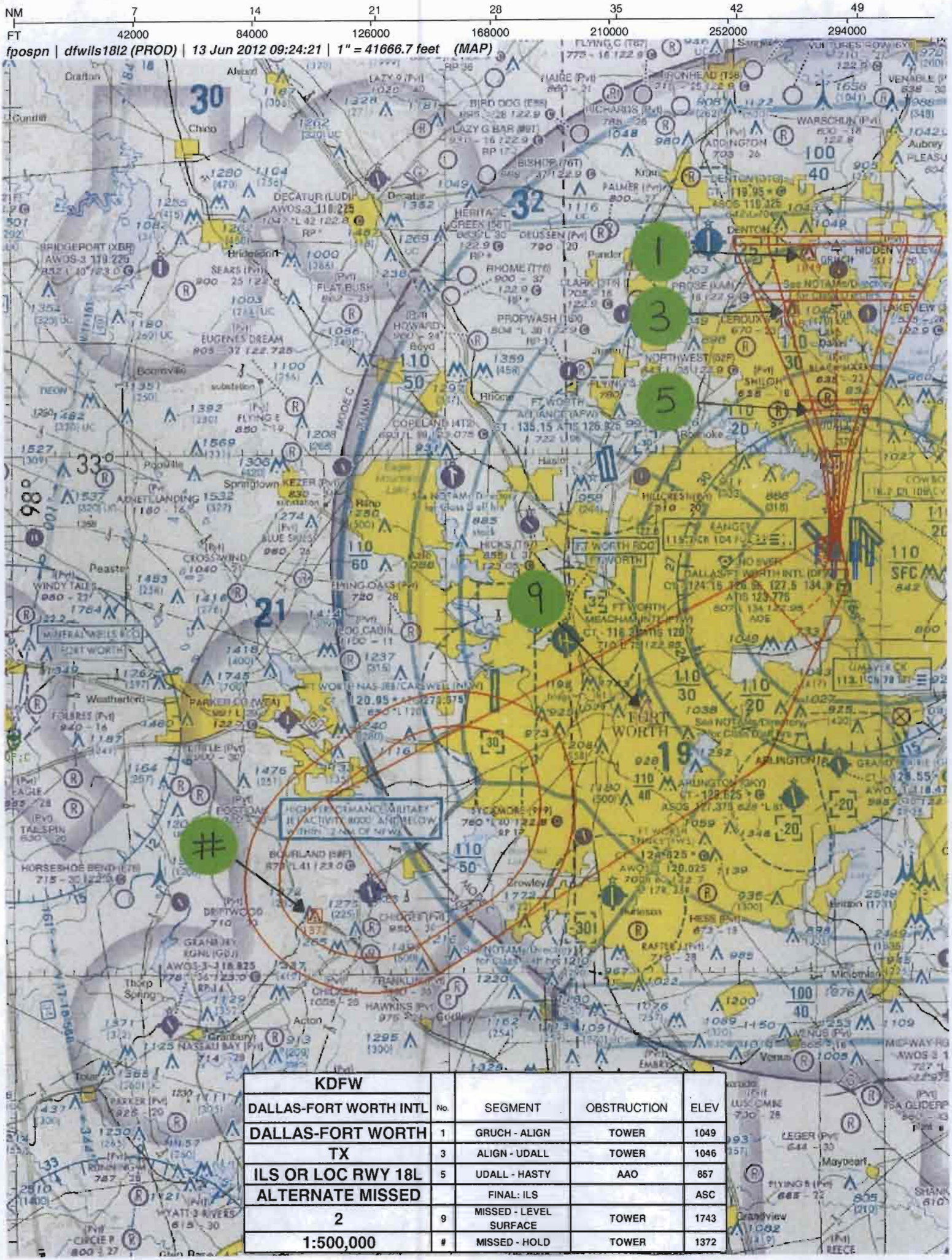




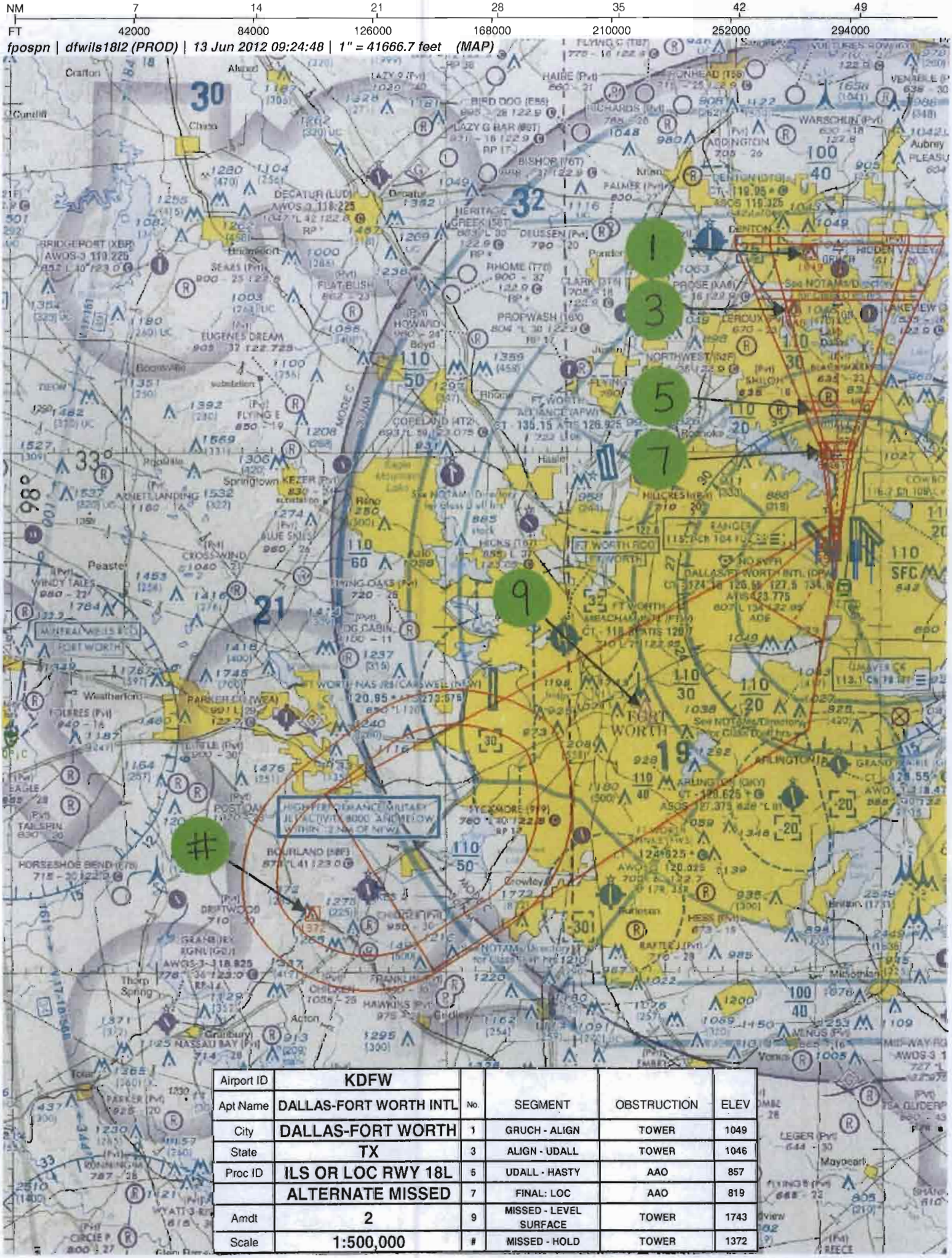
Airport ID	KDFW				
Apt Name	DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH	7	FINAL: LOC	AAO	819
State	TX				
Proc ID	ILS OR LOC RWY 18L				
	PRIMARY MISSED				
Amdt	2				
Scale	1:100,000				



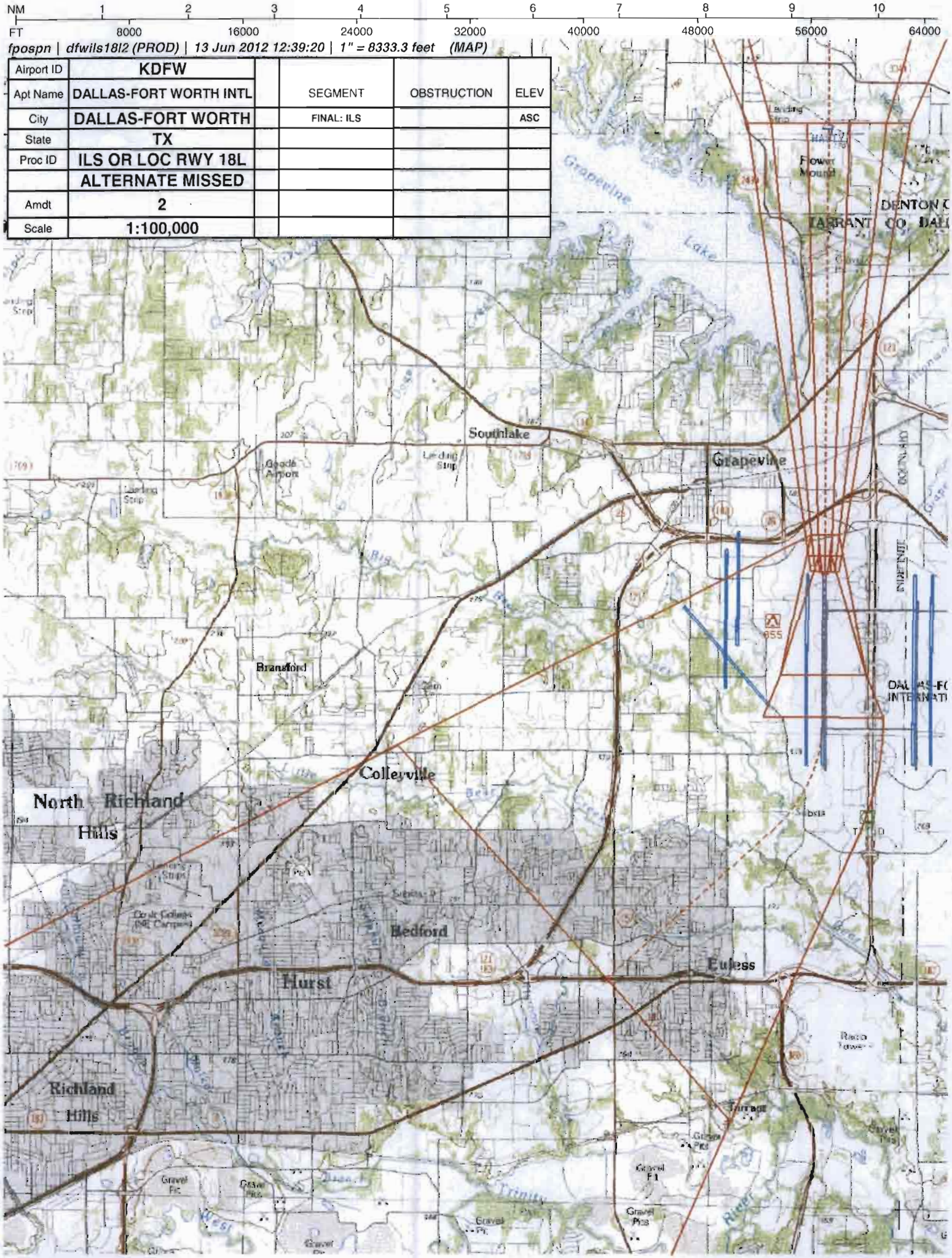
Airport ID	KDFW				
Apt Name	DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH	8	FINAL: SIDESTEP	TOWER	958
State	TX				
Proc ID	ILS OR LOC RWY 18L				
Amdt	2				
Scale	1:100,000				



KDFW				
DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
DALLAS-FORT WORTH	1	GRUCH - ALIGN	TOWER	1049
TX	3	ALIGN - UDALL	TOWER	1046
ILS OR LOC RWY 18L	5	UDALL - HASTY	AAO	857
ALTERNATE MISSED		FINAL: ILS		ASC
2	9	MISSED - LEVEL SURFACE	TOWER	1743
1:500,000	#	MISSED - HOLD	TOWER	1372



Airport ID	KDFW	No.	SEGMENT	OBSTRUCTION	ELEV
Apt Name	DALLAS-FORT WORTH INTL				
City	DALLAS-FORT WORTH	1	GRUCH - ALIGN	TOWER	1049
State	TX	3	ALIGN - UDALL	TOWER	1046
Proc ID	ILS OR LOC RWY 18L	5	UDALL - HASTY	AAO	857
	ALTERNATE MISSED	7	FINAL: LOC	AAO	819
Amdt	2	9	MISSED - LEVEL SURFACE	TOWER	1743
Scale	1:500,000	#	MISSED - HOLD	TOWER	1372

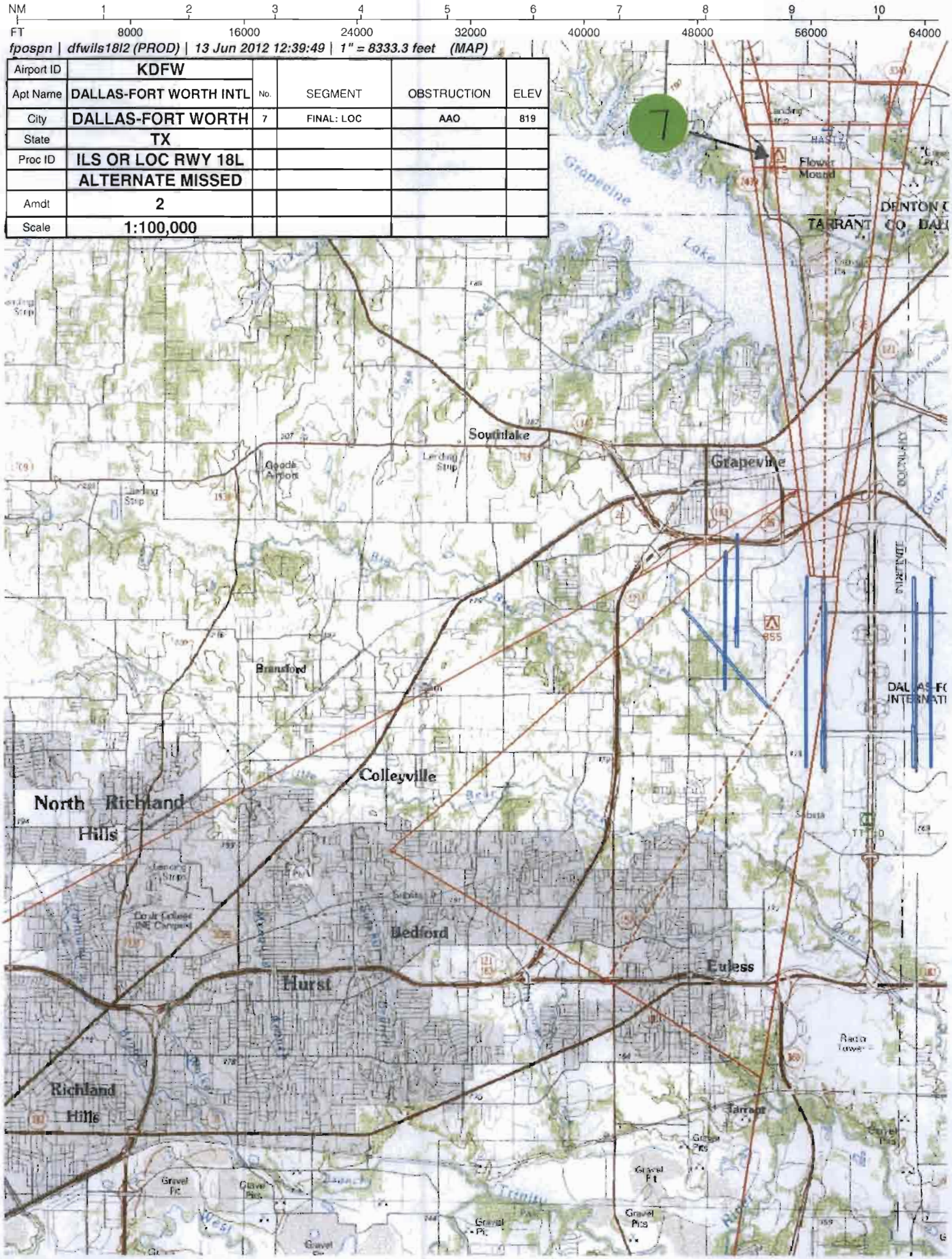

NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpospn | dfwils18l2 (PROD) | 13 Jun 2012 12:39:20 | 1" = 8333.3 feet (MAP)
Airport ID KDFW
Apt Name DALLAS-FORT WORTH INTL
City DALLAS-FORT WORTH
State TX
Proc ID ILS OR LOC RWY 18L
ALTERNATE MISSED
Amdt 2
Scale 1:100,000
SEGMENT
OBSTRUCTION
ELEV
FINAL: ILS
ASC
Grapevine Lake
Southlake
Grapevine
Flower Mound
Bransford
Colleyville
North Richland Hills
Bedford
Hurst
Euless
Richland Hills

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpospn | dfwils18l2 (PROD) | 13 Jun 2012 12:39:49 | 1" = 8333.3 feet (MAP)

Airport ID	KDFW				
Apt Name	DALLAS-FORT WORTH INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	DALLAS-FORT WORTH	7	FINAL: LOC	AAO	819
State	TX				
Proc ID	ILS OR LOC RWY 18L				
	ALTERNATE MISSED				
Amdt	2				
Scale	1:100,000				



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
GRUCH/16.74 DME/RADAR (IF)	ALIGN/13.59 DME/RADAR	176.25 / 3.15 (I-CIX)	3000
ALIGN/13.59 DME/RADAR	UDALL/7.30 DME/RADAR	176.25 / 6.29 (I-CIX)	3000
UDALL/7.30 DME/RADAR	HASTY/4.97 DME/RADAR	176.25 / 2.34 (I-CIX)	2300

MISSED APPROACH

ILS: DA
LOC: 5.16 MILES AFTER HASTY/4.97 DME/RADAR OR AT 0.21 DME FIX

CLIMB TO 1100, THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 245 AND FUZ VORTAC R-222 TO LIKES INT/FUZ 27.00 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1100, THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 205 AND TTT VOR/DME R-232 TO LIKES INT/TTT 31.90 DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GRUCH
3. FAC: 176.25 FAF: HASTY/4.97 DME/RADAR DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: GRUCH 4000, ALIGN 3000, UDALL 3000, HASTY 2300
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1180
6. MIN GS INCPT: 2300 GS ALT AT: HASTY 2300 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.5
8. MSA FROM: TTT VOR/DME 090-270 3600, 270-090 2700

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 221.97 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE LIKES INT/TTT 31.90 DME, RT, 232.15 INBOUND.
CHART IN PLANVIEW: MAVERICK (TTT) VOR/DME
CHART FAS OBST: 958 TOWER 325903N/0970355W
FAS OBST: 819 AAO 325941N/0970342W
CHART VDP AT 1.53 DME*;
DISTANCE VDP TO THLD 1.72 MILES.
*LOC ONLY.
CHART LOC RWY 17R
CHART LOC RWY 17C
CHART LOC RWY 17L

MAG VAR: 4E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: 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 18L	802	1800	200	802	1800	200	802	1800	200	802	1800	200			
S-LOC 18L	1220	2400	618	1220	2400	618	1220	1 3/8	618	1220	1 3/8	618			
SIDESTEP 18R	1220	5000	613	1220	5000	613	1220	1 3/8	613	1220	1 1/2	613			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/C/R.
CHART NOTE: FOR INOPERATIVE MALSR/ALSF, INCREASE S-LOC 18L CAT C/D AND SIDESTEP 18R CAT C VISIBILITY TO 1 3/4 MILE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 18R CATS A AND B.
CHART NOTE: DME OR RADAR REQUIRED.
(SEE FORM 8260-10)

700 - 2

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 THRE: 18L 602 THRE: 18R 607 AIRPORT NAME: DALLAS/FORT WORTH INTL	FACILITY IDENTIFIER: I-CIX	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 18L, AMDT 2	SUP: / AMDT: 1B / DATED 03/08/2012
DALLAS-FORT WORTH, TX				

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[X] YES [ ] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] AMGR, ZFW, REGIONAL APP CON, DFW ATCT, ST AVIATION DIR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
STEVE NELSON	AJV-353	05/31/2012

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

CHANGES:

1. GRUCH DME CHANGED FROM 16.67 TO 16.74.
2. ALIGN DME CHANGED FROM 13.51 TO 13.59.
3. UDALL DME CHANGED FROM 7.22 TO 7.30.
4. HASTY DME CHANGED ROM 4.89 TO 4.97.
5. LOC MISSED APPROACH POINT CHANGED FROM 5.09 MILES AFTER HASTY/4.89 DME/RADAR OR AT 0.21 DME FIX TO 5.16 MILES AFTER HASTY/4.97 DME/RADAR OR AT 0.21 DME FIX.
6. CHANGED PRIMARY AND ALTERNATE MISSED APPROACH INITIAL CLIMB TO ALTITUDE FROM 1300 TO 1100 AND FINAL ALTITUDE FROM 5000 TO 3000.
7. CHANGED DIST FAF TO MAP/THLD FROM 5.09 TO 5.16.
8. CHANGED S-LOC 18L CAT C VIS FROM RVR 6000 TO 1 3/8 AND CAT D VIS FROM 1 1/2 TO 1 3/8.
9. CHANGED SIDESTEP 18R CAT A/B VIS FROM 1 TO RVR 5000, CAT C VIS FROM 1 1/2 TO 1 3/8, AND CAT D VIS FROM 2 TO 1 1/2.
10. CHANGED SIMULTANEOUS APPROACH AUTHORIZED NOTE TO INCORPORATE RNAV PROCEDURES.
11. ADDED INOPERATIVE MALSR NOTE.

REASONS:

1-5, 7. HASTY LOCATION IAW 8260.54A FORMULA 2-16B. UDALL, ALIGN, GRUCH RELOCATED TO REMAIN PERPENDICULAR WITH CORRESPONDING FIXES ON PARALLEL RUNWAYS.
6. FPT REQUEST.
8, 11. APPLICATION OF 8260.3B, CHG 20 VISIBILITY TABLES.
9. 8260.19E, PARA 4-6I(2) AND (4).
10. NOTICE 8260.69.

PDF EDITS:
1. DELETED "NA" FROM LINE 1 PT.
2. DELETED "/16.74 DME/RADAR" FROM LINE 2 "PROFILE STARTS AT GRUCH".
3. CHANGED ALTERNATE MINIMUMS ILS:STANDARD TO ILS:#
4. ADDED NOTES #700 - 2.

QUALITY CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	**ELEVATION: 607** **THRE: 18L 602** **THRE: 18R 607** AIRPORT NAME: **DALLAS/FORT WORTH INTL**	**I-CIX**	**ILS OR LOC RWY 18L, AMDT 2**	AMDT: **1B**
				DATED: **03/08/2012**

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

COORDINATED WITH:

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

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 - ILS

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        FUZ   K4011570VTHW N32532202W097104593    N32532202W097104593E0060006372     NARRANGER
          SUSAD        TTT   K4011310VDHW N32520898W097022581    N32520898W097022581E0060005402     NARMAVERICK
          SUSAD KDFWK4 ICIX  K4011055 IT                    ICIXN32550870W097030730     005940     NARDALLAS/FORT WORTH INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ALIGN K40    C     N33084588W097025835                    E0040     NAR           ALIGN
          SUSAEAENRT   GRUCH K40    C     N33115524W097025736                    E0040     NAR           GRUCH
          SUSAEAENRT   HASTY K40    C     N33000718W097030104                    E0040     NAR           HASTY
          SUSAEAENRT   LIKES K40    C   L N32351299W097343014                    E0043     NAR           LIKES
          SUSAEAENRT   UDALL K40    C     N33022776W097030031                    E0040     NAR           UDALL

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDFWK4ADFW     0     134YHN32534858W097021679E006000607        1800018000C    MNAR    DALLAS/FORT WORTH INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDFWK4FI18L  AGRUCH 010GRUCHK4EA0E  B    IF                                  + 04000     18000              0 NS
          SUSAP KDFWK4FI18L  AGRUCH 020ALIGNK4EA0E       TF                                  + 03000                        0 NS
          SUSAP KDFWK4FI18L  AGRUCH 030UDALLK4EA0EE      CF ICIXK4      3563009917630063PI   + 03000                        0 NS
          SUSAP KDFWK4FI18L  I      010UDALLK4EA0E  I    IF ICIXK4      35630099        PI   J 030000230018000               0 NS
          SUSAP KDFWK4FI18L  I      020HASTYK4EA0E  F    CF ICIXK4      3563007517600023PI   H 0230002300        -300TTT   K4D 0 NS
          SUSAP KDFWK4FI18L  I      030RW18LK4PG0GY M    CF ICIXK4      3563002417600052PI     00656             -300           0 NS
          SUSAP KDFWK4FI18L  I      040         0  M     CA                      1763         + 01100                        0 NS
          SUSAP KDFWK4FI18L  I      050         0        VI                      2450                                        0 NS
          SUSAP KDFWK4FI18L  I      060LIKESK4EA0EY      CF FUZ K4      2220027022200210D    + 03000                        0 NS
          SUSAP KDFWK4FI18L  I      070LIKESK4EA0EE  R   HM                      2220T010     + 03000                        0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDFWK4GRW18L   0134001743 N32545688W097030265-0200     +01562006020000552001ICIX1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDFWK4IICIX1   011055RW18LN32523361W0970303391763N32544522W0970306821080 11800300300E00405500594
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: **607**	**THRE: 18L 602**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME: **DALLAS/FORT WORTH INTL**	**THRE: 18R 607**	**I-CIX**	**ILS OR LOC RWY 18L, AMDT 2**	AMDT: **1B**
					DATED: **03/08/2012**

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDFWK4STTT  K4D                0   0902700272527009003625                                                                M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607	THRE: 18L 602	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME: DALLAS/FORT WORTH INTL	THRE: 18R 607	I-CIX	ILS OR LOC RWY 18L, AMDT 2	AMDT: 1B
					DATED: 03/08/2012

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:

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GRUCH	GRUCH	010		IF		FB				AA 04000	
	GRUCH	ALIGN	020		TF		FB				AA 03000	
	GRUCH	UDALL	030		CF		FB		176.3()	006.3	AA 03000	
		UDALL	010	FACF	IF		FB				AA 03000 GI 02300	
		HASTY	020	FAF	CF		FB		176.0()	002.3	GI 02300 GS 02300	
		RW18L	030	MAP	CF		FO		176.0()	005.2	AT 00656	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.3()		AA 01100	
		050		VI		FB		245.0()			
	LIKES	060		CF		FO		222.0()	021.0	AA 03000	
	LIKES	070		HM	R	FO		222.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FUZ	N325322.02	W0971045.93	N3253.367	W09710.766
	TTT	N325208.98	W0970225.81	N3252.150	W09702.430
	ICIX (DME)	N325508.70	W0970307.30	N3255.145	W09703.122
	ALIGN	N330845.88	W0970258.35	N3308.765	W09702.973
	GRUCH	N331155.24	W0970257.36	N3311.921	W09702.956
	HASTY	N330007.18	W0970301.04	N3300.120	W09703.017
	LIKES	N323512.99	W0973430.14	N3235.217	W09734.502
	UDALL	N330227.76	W0970300.31	N3302.463	W09703.005
	RW18L	N325456.88	W0970302.65	N3254.948	W09703.044
	ICIX (LOC)	N325233.61	W0970303.39	N3252.560	W09703.057

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00602	55

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 607	THRE: 18L 602	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME: DALLAS/FORT WORTH INTL	THRE: 18R 607	I-CIX	ILS OR LOC RWY 18L, AMDT 2	AMDT: 1B
					DATED: 03/08/2012

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:

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ARINC PACKET - 424-18 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FUZ   K4011570VTHW N32532202W097104593    N32532202W097104593E0060006372     NARRANGER
        SUSAD        TTT   K4011310VDHW N32520898W097022581    N32520898W097022581E0060005402     NARMAVERICK
        SUSAD KDFWK4 ICIX  K4011055 IT                    ICIXN32550870W097030730     005940     NARDALLAS/FORT WORTH INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ALIGN K40    C     N33084588W097025835                    E0040     NAR          ALIGN
        SUSAEAENRT   GRUCH K40    C     N33115524W097025736                    E0040     NAR          GRUCH
        SUSAEAENRT   HASTY K40    C     N33000718W097030104                    E0040     NAR          HASTY
        SUSAEAENRT   LIKES K40    C   L N32351299W097343014                    E0043     NAR          LIKES
        SUSAEAENRT   UDALL K40    C     N33022776W097030031                    E0040     NAR          UDALL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDFWK4ADFW     0     134YHN32534858W097021679E006000607        1800018000C    MNAR    DALLAS/FORT WORTH INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDFWK4FL18L  AGRUCH 010GRUCHK4EA0E  B    IF                              + 04000     18000                0 NS
        SUSAP KDFWK4FL18L  AGRUCH 020ALIGNK4EA0E       TF                              + 03000                          0 NS
        SUSAP KDFWK4FL18L  AGRUCH 030UDALLK4EA0EE      CF ICIXK4      3563009917630063PI + 03000                          0 NS
        SUSAP KDFWK4FL18L  L      010UDALLK4EA0E  I    IF ICIXK4      35630099        PI + 03000     18000                0 NS
        SUSAP KDFWK4FL18L  L      020HASTYK4EA0E  F    CF ICIXK4      3563007517600023PI + 02300                TTT   K4D 0 NS
        SUSAP KDFWK4FL18L  L      030RW18LK4PG0GY M    CF ICIXK4      3563002417600052PI   00656           -301           0 NS
        SUSAP KDFWK4FL18L  L      040          0  M     CA                    1763        + 01100                          0 NS
        SUSAP KDFWK4FL18L  L      050          0        VI                    2450                                         0 NS
        SUSAP KDFWK4FL18L  L      060LIKESK4EA0EY      CF FUZ K4      22200270222002l0D  + 03000                          0 NS
        SUSAP KDFWK4FL18L  L      070LIKESK4EA0EE  R   HM                    2220T010    + 03000                          0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDFWK4GRW18L   0134001743 N32545688W097030265-0200     +0156200602000055200IICIX1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDFWK4IICIX1   011055RW18LN32523361W0970303391763N32544522W0970306821080 11800300300E00405500594
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 607	THRE: 18L 602	FACILITY	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME: **DALLAS/FORT WORTH INTL**	**THRE: 18R 607**	IDENTIFIER: **I-CIX**	**ILS OR LOC RWY 18L, AMDT 2**	AMDT: **1B**
					DATED: **03/08/2012**

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:

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDFWK4STTT  K4D                0   0902700272527009003625                                                                M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 THRE: 18L 602	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME: THRE: 18R 607 DALLAS/FORT WORTH INTL	I-CIX	ILS OR LOC RWY 18L, AMDT 2	AMDT: 1B
				DATED: 03/08/2012

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

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GRUCH	GRUCH	010		IF		FB				AA 04000	
	GRUCH	ALIGN	020		TF		FB				AA 03000	
	GRUCH	UDALL	030		CF		FB		176.3()	006.3	AA 03000	
		UDALL	010	FACF	IF		FB				AA 03000	
		HASTY	020	FAF	CF		FB		176.0()	002.3	AA 02300	
		RW18L	030	MAP	CF		FO		176.0()	005.2	AT 00656	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.3()		AA 01100	
		050		VI		FB		245.0()			
	LIKES	060		CF		FO		222.0()	021.0	AA 03000	
	LIKES	070		HM	R	FO		222.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FUZ	N325322.02	W0971045.93	N3253.367	W09710.766
	TTT	N325208.98	W0970225.81	N3252.150	W09702.430
	ICIX (DME)	N325508.70	W0970307.30	N3255.145	W09703.122
	ALIGN	N330845.88	W0970258.35	N3308.765	W09702.973
	GRUCH	N331155.24	W0970257.36	N3311.921	W09702.956
	HASTY	N330007.18	W0970301.04	N3300.120	W09703.017
	LIKES	N323512.99	W0973430.14	N3235.217	W09734.502
	UDALL	N330227.76	W0970300.31	N3302.463	W09703.005
	RW18L	N325456.88	W0970302.65	N3254.948	W09703.044
	ICIX (LOC)	N325233.61	W0970303.39	N3252.560	W09703.057

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00602	55

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 607	THRE: 18L 602	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	AIRPORT NAME:	THRE: 18R 607		**ILS OR LOC RWY 18L, AMDT 2**	AMDT: **1B**
	DALLAS/FORT WORTH INTL		**I-CIX**		DATED: **03/08/2012**

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.
INTERMEDIATE	GRUCH/16.74	ALIGN/13.59	1. TOWER (48-008373)	331102.00N/0970456.00W	1049 (5D)	500	AT1451	3000
	DME/RADAR	DME/RADAR	2. TERRAIN	331106.00N/0970639.00W	699 (700)		AS1500	2200
INTERMEDIATE:	ALIGN/13.59	UDALL/7.30	3. TOWER (48-014694)	330751.60N/0970604.60W	1046 (6F)	500	AT1204 AC250	3000
STEPDOWN	DME/RADAR	DME/RADAR	4. TERRAIN	330845.00N/0970439.00W	660 (700)		AS1500	2200
INTERMEDIATE:	UDALL/7.30	HASTY/4.97	5. AAO	330215.00N/0970430.00W	857 (4E)	500	AT845 AC98	2300
STEPDOWN	DME/RADAR	DME/RADAR	6. TERRAIN	330215.00N/0970430.00W	657 (700)		AS1500	2200
FINAL: ILS	HASTY/4.97	RW18L				ASC		802/200
	DME/RADAR							
FINAL: LOC	HASTY/4.97	5.16 MILES AFTER	7. AAO	325941.37N/0970342.11W	819 (2C)	250	XP151	1220
	DME/RADAR	HASTY/4.97						
		DME/RADAR OR AT						
		0.21 DME FIX						
FINAL: SIDESTEP	HASTY/4.97	RW18R	8. TOWER (48-012214)	325903.00N/0970355.00W	958 (2C)	250		1220
	DME/RADAR							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / 5.16 MILES	LIKES INT/FUZ				ASC		3000
	AFTER	27.00 DME	9. TOWER (48-000408)	324501.00N/0971608.00W	1743 (1D)	1000		2800
ELEV:	634/970		10. TERRAIN	323903.00N/0973842.00W	1060 (1100)		AS1500	2600

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		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DALLAS-FORT WORTH, TX	ELEVATION: 607 AIRPORT NAME: DALLAS/FORT WORTH INTL	I-CIX	ILS OR LOC RWY 18L, AMDT 2	ASW

PART B - SUPPLEMENTAL DATA

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

4. MONITOR STATUS	PRIMARY NAVAID:	I-CIX
	MONITOR POINT:	DFW ATCT
	HRS OPTN: CAT 1	24
	HRS OPTN: 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: 601.7	
DISTANCE FROM RWY: 1180	ELEV GP ANTENNA: 594.4	
	THRESHOLD CROSSING HEIGHT: 54.5	

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

10. WAIVERS: NONE

PART D - PREPARED BY:	DATE:
STEVE NELSON	05/31/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO ADDITIONAL AIRSPACE REQUIRED.

PER FPT: RADAR VECTORS TO JOIN SIAP; NO FEEDER OR CIRCLING; INTERMEDIATE SDF PLACEMENT PERPENDICULAR TO PARALLEL RUNWAY SDF'S TO ACCOMMODATE TRIPLE SIMULTANEOUS APPROACH OPERATIONS.

VEGETATION: 0' PER FPT.

BACKUP ALTIMETER SOURCE NOT UTILIZED. KDFW HAS REDUNDANT WEATHER SOURCING.

OBS 3: 6F ACCURACY PER IDENTIFICATION ON SECTIONAL.

OBS 7: XP TO MAINTAIN CURRENT MINIMA.

VGSI DATA: 3.00/69.5.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 3000
8. TOWER (48-000408) 324501.00N/0971608.00W 1743 (1D)
1000 2800
11. TERRAIN 323900.00N/0973721.00W 1018 (1000) AS1500
2500

QUALITY CHECKED 9

RADIO FIX AND HOLDING DATA RECORD

NAME: ALIGN **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 330845.88N/0970258.35W **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-CIX	LOC/DME		356.25	000.25	13.59	16.17		3000	5000

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

REMARKS:
I-CIX DME FACILITY COORDINATES: 325508.70N/0970307.30W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. RELOCATED FIX 0.08NM (485.17') NORTH.
2. CHANGED FAC 1 DME FROM 13.51 TO 13.59 AND DIST FROM FAC NM FROM 16.09 TO 16.17.

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GRUCH **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 331155.24N/0970257.36W **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-CIX	LOC/DME		356.25	000.25	16.74	19.32		4000	5000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CIX	LOC/DME	BRG-356	20	4000	5000

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

REMARKS:
I-CIX DME FACILITY COORDINATES: 325508.70N/0970307.30W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18L			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:
1. RELOCATED FIX 0.08NM (465.96') NORTH.
2. CHANGED FAC 1 DME FROM 16.67 TO 16.74 AND DIST FROM FAC NM FROM 19.25 TO 19.32.

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HASTY **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 330007.18N/0970301.04W **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-CIX	LOC/DME		356.25	000.25	4.97	7.54	45843	2300	5000

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

REMARKS:
PFAF LOCATION IAW 8260.54A FORMULA 2-16B.
I-CIX DME FACILITY COORDINATES: 325508.70N-0970307.30W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. RELOCATED FIX 0.07NM (436.64') NORTH.
2. CHANGED FAC 1 DME FROM 4.89 TO 4.97, DIST FROM FAC NM FROM 7.47 TO 7.54 AND FEET FROM 45407 TO 45843.

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LIKES **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 323512.99N/0973430.14W **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	27.00	27.00		3000	17500
2	MILLSAP	MQP	VORTAC	H	102.18	111.18		22.96		3000	17500
3	MAVERICK	TTT	VOR/DME	H	232.15	238.15	31.90	31.90		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	NE	FUZ	VORTAC	221.97	221.97	R	1		3000	12000	5	10
2	NE	TTT	VOR/DME	232.15	232.15	R	1		3000	12000	6	11
3	NE		WP	041.97	221.97	R		4	3000	12000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-005831)	323255.00N/0973903.00W	1372	1A
2	200	TOWER (48-005831)	323255.00N/0973903.00W	1372	1A
3	200	TOWER (48-005831)	323255.00N/0973903.00W	1372	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

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
IAP	ILS OR LOC RWY 18L	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18L (ALT MA)	2, 3	2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18R	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18R (ALT MA)	2, 3	2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 18R (CAT II)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 18R (CAT II) (ALT MA)	2, 3	2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 18R (CAT III)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 18R (CAT III) (ALT MA)	2, 3	2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 18R (SA CAT I)	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 18R (SA CAT I) (ALT MA)	2, 3	2	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18L		3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18R		3	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SLUGG			KDTO	DENTON	TX (US)
STAR	SLUGG			KAFW	FORT WORTH	TX (US)
STAR	SLUGG			KFTW	FORT WORTH	TX (US)
STAR	SLUGG			KNFW	FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
1. CHANGED PAT 1, 2, 3 HOLDING ALTITUDES MIN FROM 5000 TO 3000.
2. CHANGED PAT 1 TEMPLATES MIN FROM 6 TO 5, PAT 2 FROM 7 TO 6, PAT 3 FROM 6 TO 5.
3. CHANGED PAT 3 LEG LENGTH DME FROM 5 TO 4.
4. CHANGED PAT 1, 2, 3 CONTROLLING OBSTRUCTION ACCURACY CODE FROM 5D TO 1A.
5. ADDED FACILITY USED TO ESTABLISH FIX COORDINATE NOTE.
6. DELETED LEAST ANGLE OF DIVERGENCE NOTE.
7. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/03/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UDALL **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 330227.76N/0970300.31W **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-CIX	LOC/DME		356.25	000.25	7.30	9.88		3000	5000

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

REMARKS:
I-CIX DME FACILITY COORDINATES: 325508.70N/0970307.30W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CONVERGING ILS RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 18L	1		KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 18L			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. RELOCATED FIX 0.08NM (486.17') NORTH.
2. CHANGED FAC 1 DME FROM 7.22 TO 7.30 AND DIST FROM FAC NM FROM 9.80 TO 9.88.

DEVELOPED BY: **DATE:** 05/08/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

SIGNATURE:

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