

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HURBS

**STATE:** TX

**COUNTRY:** US

**ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 325632.81N/0970022.86W

**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	FAC FEET	MRA	MAA
1	RANGER	FUZ	VORTAC	H	064.00	070.00	9.30	9.30		3000	17500
2	MAVERICK	TTT	VOR/DME	H	015.45	021.45		4.72		3000	17500
3	COWBOY	CVE	VOR/DME	H	295.15	301.15	6.04	6.04		3000	17500

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

**REMARKS:**

RANGER (FAC 1) AND MAVERICK (FAC 2) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 13L (SPECIAL)	1, 3		KDAL	DALLAS	TX (US)
IAP	ILS OR LOC Z RWY 13R (SPECIAL)	1, 3		KDAL	DALLAS	TX (US)
IAP	LOVE WEST VISUAL APPROACH RWY 13R	1, 2, 3		KDAL	DALLAS	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 5

**DATE OF REVISION:** 03/31/2016

**REASON FOR REVISION:**

1. REMOVED FIX RESTRICTIONS.
2. REMOVED "STAR" FROM REQUIRED CHARTING.

**DEVELOPED BY:**
**DATE:** 11/03/2015

**OFFICE:** AJV-5421

**NAME:** JACOB POWERS (JEFFREY ROBINSON)

**APPROVED BY:**
**DATE:** 05/13/2016

**OFFICE:** AJV-5420

**NAME:** GEORGE GONZALEZ

**SIGNATURE:**
**DISTRIBUTION:**

**NFDC**  
**FPO:** CEN  
**ARTCC:** ZFW  
**ATC FACILITY:** REGIONAL APP CON, DAL ATCT, DFW ATCT  
**OTHER:**

QUALITY  
 9  
 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LAURA

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 325406.93N/0965519.83W

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	FAC FEET	MRA	MAA
1	DALLAS	I-DPX	LOC/DME		312.62	315.62	5.87	5.86	35621	1900	4900
2	MAVERICK	TTT	VOR/DME	H	065.80	071.80		6.29		1900	4900

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DALLAS (FAC 1) AND MAVERICK (FAC 2) USED TO ESTABLISH FIX COORDINATES  
I-DPX DME COORDINATES: 324953.15N/0965029.55W.  
PRECISE FIX COORDINATES: 325406.927N/0965519.825W.  
PFAF LOCATION ESTABLISHED WITH 8260.54A FORMULA 2-16B.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Y OR LOC Y RWY 13R	1, 2		KDAL	DALLAS	TX (US)
IAP	ILS Z OR LOC Z RWY 13R (SPECIAL)	1		KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) Z RWY 13R			KDAL	DALLAS	TX (US)

REQUIRED CHARTING: IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 11/10/2016

## REASON FOR REVISION:

1. CHANGED FAC 1 DISTANCES FROM 5.81/5.82/35355 TO 5.87/5.86/35621.
2. CHANGED I-DPX DME COORDINATES FROM 324955.44N/0965032.14W TO 324953.15N/0965029.55W.

DEVELOPED BY: DATE: 10/03/2016 OFFICE: AJV-5423 NAME: PETER GETZ (HEIDI SNIDER)

APPROVED BY: DATE: OFFICE: AJV-353 NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION: NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY: REGIONAL APP CON, DAL ATCT, DFW ATCT  
OTHER:



## RADIO FIX AND HOLDING DATA RECORD

NAME: TACKE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 323400.00N/0963930.00W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	CEDAR CREEK	CQY	VORTAC	L	309.68	315.68	31.95	31.95		3000	17500
2	WACO	ACT	VORTAC	H	020.73	029.73		62.45		5000	17500
3	MAVERICK	TTT	VOR/DME	H	127.01	133.01	26.50	26.50		3000	17500
4	COWBOY	CVE	VOR/DME	H	141.25	147.25	23.03	23.03		3000	17500
5	RANGER	FUZ	VORTAC	H	120.09	126.09	32.70	32.70		3000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ACT	VORTAC	R-021	63	5000	15100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SE	TTT	VOR/DME	127.01	307.01	R	1		3000 14000	5 12
2	SE	CVE	VOR/DME	141.25	321.25	R	1		3000 14000	5 12
3	SE		WP	148.22	328.22	R		4	3000 14000	5 11
4	SE	FUZ	VORTAC	120.09	300.09	R	1		3000 14000	6 12
5	SE		WP	151.22	331.22	R		4	3000 14000	5 11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-009061)	323823.40N/0964038.34W	808	2C
2	200	TOWER (48-005579)	322606.00N/0963556.00W	888	2C
3	200	TOWER (48-005579)	322606.00N/0963556.00W	888	2C
4	200	TOWER (48-009061)	323823.40N/0964038.34W	808	2C
5	200	TOWER (48-005579)	322606.00N/0963556.00W	888	2C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

CEDAR CREEK (FAC 1) AND WACO (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 USE OF FIX AUTHORIZED AS INTERSECTION AT OR ABOVE 5000.  
 DME ONLY AUTHORIZED AT 3000 USING FAC 3 (TTT VOR/DME), FAC 4 (CVE VOR/DME) AND FAC 5 (FUZ VORTAC).

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Y RWY 13R	4	2	KDAL	DALLAS	TX (US)
IAP	ILS OR LOC Y RWY 13R (ALT MA)	3	1	KDAL	DALLAS	TX (US)
IAP	ILS OR LOC Z RWY 13R (SPECIAL)	3, 4	1, 2	KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) Z RWY 13R		5	KDAL	DALLAS	TX (US)
IAP	RNAV (RNP) W RWY 13R		5	KDAL	DALLAS	TX (US)
IAP	RNAV (RNP) X RWY 13R		5	KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) RWY 36			KTKI	DALLAS	TX (US)
IAP	ILS OR LOC RWY 17L	3	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 17L (ALT MA)	5	4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17L (CAT II/III)	3	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17L (CAT II/III) (ALT MA)	5	4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17L (SA CAT I)	3	1	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17L (SA CAT I) (ALT MA)	5	4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 17L		3	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	BEREE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	CEDAR CREEK	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

UPDATED FIX USE, CHANGED KDFW KLND (RNAV) STAR TO BERE.

 QUALITY  
 9  
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**DEVELOPED BY:**      **DATE:** 01/27/2016      **OFFICE:** AJV-5442      **NAME:** JEFF ANDERSON  
**APPROVED BY:**      **DATE:** 03/29/2016      **OFFICE:** AJV-5420      **NAME:** GEORGE GONZALEZ  
**SIGNATURE:**

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

QUALITY  
9  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: YAKHU

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 325548.06N/0965717.33W

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 NM	FAC FEET	MRA	MAA
1	DALLAS	I-DPX	LOC/DME		312.62	315.62	8.22	8.22		2100	4900

## FIX RESTRICTIONS:

SPECIAL ILS Z OR LOC Z RWY 13R (SPECIAL), KDAL, DALLAS, TX  
SPECIAL USE BY SOUTHWEST AIRLINES ONLY.

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DALLAS (FAC 1) USED TO ESTABLISH FIX COORDINATES  
I-DPX DME COORDINATES: 324953.15N/0965029.55.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z OR LOC Z RWY 13R (SPECIAL)	1		KDAL	DALLAS	TX (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/10/2016

## REASON FOR REVISION:

CHANGED FAC 1 MAG BRG FROM 309.62 TO 312.62.

DEVELOPED BY:

DATE: 10/03/2016

OFFICE: AJV-5423

NAME: PETER GETZ (HEIDI SNIDER)

APPROVED BY:

DATE:

OFFICE: AJV-353

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY: REGIONAL APP CON, DAL ATCT, DFW ATCT  
OTHER:

QUALITY  
9  
CHECKED