

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ENAVE **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4  
**LATITUDE/LONGITUDE:** 324644.77N/0964647.38W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

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

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b>						
IAP	RNAV (GPS) Z RWY 13R			KDAL	DALLAS	TX (US)
IAP	RNAV (RNP) W RWY 13R			KDAL	DALLAS	TX (US)
IAP	RNAV (RNP) X RWY 13R			KDAL	DALLAS	TX (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 03/31/2016

**REASON FOR REVISION:**  
UPDATED FIX USE - REMOVED KDAL RNAV (GPS) RWY 31L.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 11/30/2015	<b>OFFICE:</b> AJV-5421	<b>NAME:</b> JACOB POWERS (JEFFREY ROBINSON)
<b>APPROVED BY:</b>	<b>DATE:</b> 05/13/2016	<b>OFFICE:</b> AJV-5420	<b>NAME:</b> GEORGE GONZALEZ

**SIGNATURE:**

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

# 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	FAC	MRA	MAA
								NM	FEET		
1	DALLAS	I-DPX	LOC/DME		312.62	315.62	5.87	5.86	35620	1900	4900
2	MAVERICK	TTT	VOR/DME	VH	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.

## FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 12/26/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES, DALLAS (FAC 1): CHANGED DIST FROM FAC FROM 5.86 NM / 35621 FEET TO 5.82 NM / 35355 FEET.
2. FIX MAKE-UP FACILITIES: CHANGED MAVERICK (FAC 2) CLASS FROM H TO VH.
3. REMARKS: DELETED "I-DPX DME COORDINATES: 324953.15N/0965029.55W".
4. REMARKS: DELETED "PRECISE FIX COORDINATES: 325406.927N/0965519.825W".
5. REMARKS: DELETED "PFAF LOCATION ESTABLISHED WITH 8260.54A FORMULA 2-16B".
6. FIX USE AT KDAL: DELETED SPECIAL ILS Z OR LOC Z RWY 13R AND DUPLICATE ENTRY.
7. FIX USE AT KDAL: CHANGED ILS Y OR LOC Y RWY 13R TO ILS OR LOC RWY 13R.
8. REQUIRED CHARTING: DELETED SPECIAL IAP.

11/7/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/19/2024.

FIX MAKE UP FAC 1: CHANGE DIST FROM FAC NM/FEET FROM 5.82/35355 TO 5.86/35620.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A420

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: LIPPI

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 325814.32N/0970007.70W

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	FAC	MRA	MAA
								NM	FEET		
1	DALLAS	I-DPX	LOC/DME		312.62	315.62	11.63	11.62		2500	4900
2	MAVERICK	TTT	VOR/DME	VH	011.67	017.67		6.38		2500	4900

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

DALLAS (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 RWY 13R	1, 2		KDAL	DALLAS	TX (US)
IAP	RNAV (GPS) Z RWY 13R			KDAL	DALLAS	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 03/19/2026

## REASON FOR REVISION:

ADDED RADAR TO FIX TYPE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

# 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:** MODIFY

**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	VH	020.73	029.73		62.45		5000	17500
3	MAVERICK	TTT	VOR/DME	VH	127.01	133.01	26.50	26.50		3000	17500
4	COWBOY	CVE	VOR/DME	VH	141.25	147.25	23.03	23.03		3000	17500
5	RANGER	FUZ	VORTAC	VH	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	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	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.  
 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).  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 13R	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, 5	1, 4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17L (CAT II/III)	3, 5	1, 4	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17L (SA CAT I)	3, 5	1, 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, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 13 **DATE OF REVISION:** 12/26/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: CHANGED WACO (FAC 2) CLASS FROM H TO VH.
2. FIX MAKE-UP FACILITIES: CHANGED MAVERICK (FAC 3) CLASS FROM H TO VH.
3. FIX MAKE-UP FACILITIES: CHANGED COWBOY (FAC 4) CLASS FROM H TO VH.
4. FIX MAKE-UP FACILITIES: CHANGED RANGER (FAC 5) CLASS FROM H TO VH.
5. FIX USE, SPECIAL IAPS AT KDAL: DELETED ILS Z OR LOC Z RWY 13R AND DUPLICATE ENTRY, AND ILS Z OR LOC Z RWY 13R (ALT MA).
6. FIX USE AT KDAL: CHANGED ILS Y OR LOC Y RWY 13R TO ILS OR LOC RWY 13R AND ADDED FAC 3 AND PAT 1.
7. FIX USE AT KDAL: DELETED ILS Y OR LOC Y RWY 13R (ALT MA).
8. FIX USE AT KDFW: ADDED FAC 5 AND PAT 4 TO ILS OR LOC RWY 17L.
9. FIX USE AT KDFW: DELETED ILS OR LOC RWY 17L (ALT MA).
10. FIX USE AT KDFW: ADDED FAC 5 AND PAT 4 TO ILS RWY 17L (CAT II/III).
11. FIX USE AT KDFW: DELETED ILS RWY 17L (CAT II/III) (ALT MA).
12. FIX USE AT KDFW: ADDED FAC 5 AND PAT 4 TO ILS RWY 17L (SA CAT I).
13. FIX USE AT KDFW: DELETED ILS RWY 17L (SA CAT I) (ALT MA).
14. REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW AND DELETED SPECIAL IAP.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A422	<b>NAME:</b> RICHARD BRUCE
<b>APPROVED BY:</b>	<b>DATE:</b> 12/26/2024	<b>OFFICE:</b> AJV-A420	<b>NAME:</b> CASIMIR TABAKA
	<b>SIGNATURE:</b>		