







# RADIO FIX AND HOLDING DATA RECORD

**NAME:** TOURS **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 315627.81N/0970518.00W **TYPE:** WP

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

**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) RWY 17L			CNW	WACO	TX (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 9 **DATE OF REVISION:** 05/14/2026

**REASON FOR REVISION:**

1. TYPE: REMOVED "INT".
2. FIX MAKE-UP: REMOVED "FAC 1 I-CNW LOC AND FAC 2 ACT VORTAC".
3. ESV: REMOVED ESV "I-CNW LOC".
4. REMARKS: REMOVED "WACO (FAC 1) AND WACO (FAC 2) USED TO ESTABLISH FIX COORDINATES".
5. FIX USE: REMOVED "KCNW ILS OR LOC RWY 17L".

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A422	<b>NAME:</b> DANIEL WESTON
<b>APPROVED BY:</b>	<b>DATE:</b> 04/09/2026	<b>OFFICE:</b> AJV-A422	<b>NAME:</b> RAKE MCGRAW

**SIGNATURE:** *Digitally signed by*  
**RAKE MCGRAW**  
Feb 13, 2026

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WIPLU

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 314105.90N/0970431.73W

TYPE: WP, INT

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	WACO	I-CNW	LOC		353.55	357.55		3.61		1040	4900
2	WACO	ACT	VORTAC	VH	073.13	082.13		10.00		1040	4900

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

WACO (FAC 1) AND WACO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17L	1, 2		CNW	WACO	TX (US)
IAP	RNAV (GPS) RWY 17L			CNW	WACO	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/14/2026

## REASON FOR REVISION:

1. FIX MAKE-UP: UPDATED FAC 1 WACO, ACT VORTAC CLASS / MAG BRG / TRUE BRG FROM "H / 073.16 / 082.16" TO "VH / 073.13 / 082.16".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 04/09/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: Digitally signed by

**RAKE MCGRAW**

Feb 13, 2026

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZIRVI **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

**LATITUDE/LONGITUDE:** 314441.25N/0970442.52W **TYPE:** WP, INT

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

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC		MRA	MAA
								NM	FEET		
1	WACO	I-CNW	LOC		353.55	357.55		7.20	43732	2300	4900
2	WACO	ACT	VORTAC	VH	054.07	063.07		10.93		2300	4900

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

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES		TEMPLATES	
									MIN	MAX	MIN	MAX
1	N	I-CNW	LOC	353.55	173.55	L	1		2300	4000	6	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-004669)	314929.86N/0970933.24W	1057	2D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

WACO (FAC 1) AND WACO (FAC 2) 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 17L	1, 2	1	CNW	WACO	TX (US)
IAP	RNAV (GPS) RWY 17L			CNW	WACO	TX (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 05/14/2026

**REASON FOR REVISION:**

1. FIX MAKE-UP: UPDATED FAC 1 WACO, ACT VORTAC CLASS / MAG BRG / TRUE BRG FROM "H / 054.10 / 063.10" TO "VH / 054.07 / 063.07".  
2. CONTROLLING OBSTRUCTION: UPDATED PAT 1 FROM "TOWER (48-004669) 314929.86N/0970933.24W 1049 5D" TO "TOWER (48-004669) 314929.86N/0970933.24W 1057 2D".

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**  
**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A422 **NAME:** DANIEL WESTON  
**APPROVED BY:** **DATE:** 04/09/2026 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

**SIGNATURE:** *Digitally signed by*  
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Feb 13, 2026

