

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 315311.46N/0963920.96W **TYPE:** WP, 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	MRA	MAA
1 MAVERICK	TTT	VOR/DME	VH	155.52	161.52	62.00	62.00	6000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TTT	VOR/DME	R-156	62	6000	15100

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL	1		KGKY	ARLINGTON	TX (US)
DP	JOE POOL	1		KCPT	CLEBURNE	TX (US)
DP	JOE POOL	1		KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	1		KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	1		KRBD	DALLAS	TX (US)
DP	JOE POOL	1		KTKI	DALLAS	TX (US)
DP	DARTZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1		KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1		KLUD	DECATUR	TX (US)
DP	JOE POOL	1		KDTO	DENTON	TX (US)
DP	JOE POOL	1		50F	FORT WORTH	TX (US)
DP	JOE POOL	1		KAFW	FORT WORTH	TX (US)
DP	JOE POOL	1		KFTW	FORT WORTH	TX (US)
DP	JOE POOL	1		KFWS	FORT WORTH	TX (US)
DP	JOE POOL	1		KNFW	FORT WORTH	TX (US)
DP	JOE POOL	1		KGPM	GRAND PRAIRIE	TX (US)
DP	JOE POOL	1		KLNC	LANCASTER	TX (US)
DP	JOE POOL	1		KHQZ	MESQUITE	TX (US)
DP	JOE POOL	1		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	JOE POOL	1		F46	ROCKWALL	TX (US)
DP	JOE POOL	1		KWEA	WEATHERFORD	TX (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 08/07/2025

REASON FOR REVISION:

1. FIX USE: ADDED DP JOE POOL AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: BRYANT SMITH
APPROVED BY:	DATE: 07/03/2025	OFFICE: AJV-A431	NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Apr 24, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: COLLEGE STATION VORTAC **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 303618.01N/0962514.45W **TYPE:**

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		MRA	MAA
								NM	FEET		
1	COLLEGE STATION	CLL	VORTAC	L							17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES		TEMPLATES	
									MIN	MAX	MIN	MAX
1	NE	CLL	VORTAC	063.00	243.00	R	1		2100	6000	4	5
2	W	CLL	VORTAC	279.00	099.00	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-003334)	304116.22N/0962532.44W	1022	1A
2	200	TOWER (48-004140)	303939.66N/0962500.12W	787	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 8E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL			KGKY	ARLINGTON	TX (US)
DP	CENTEX			KAUS	AUSTIN	TX (US)
DP	JOE POOL			KCPT	CLEBURNE	TX (US)
DP	JOE POOL			KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL			KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS			KDAL	DALLAS	TX (US)
DP	JOE POOL			KRBD	DALLAS	TX (US)
DP	JOE POOL			KTKI	DALLAS	TX (US)
DP	ARDIA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL			KLUD	DECATUR	TX (US)
DP	JOE POOL			KDTO	DENTON	TX (US)
DP	CONRA			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	JOE POOL			50F	FORT WORTH	TX (US)
DP	JOE POOL			KAFW	FORT WORTH	TX (US)
DP	JOE POOL			KFTW	FORT WORTH	TX (US)
DP	JOE POOL			KFWS	FORT WORTH	TX (US)
DP	JOE POOL			KNFW	FORT WORTH	TX (US)
DP	JOE POOL			KGPM	GRAND PRAIRIE	TX (US)
DP	JUNCTION			KCXO	HOUSTON	TX (US)
DP	JUNCTION			KDWH	HOUSTON	TX (US)
DP	JUNCTION			KIAH	HOUSTON	TX (US)
DP	CONRA			KILE	KILLEEN	TX (US)
DP	JOE POOL			KLNC	LANCASTER	TX (US)
DP	JOE POOL			KHQZ	MESQUITE	TX (US)
DP	JOE POOL			KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	JOE POOL			F46	ROCKWALL	TX (US)
DP	JOE POOL			KWEA	WEATHERFORD	TX (US)
EN ROUTE	Q4					(US)
EN ROUTE	T200					(US)
EN ROUTE	T254					(US)
EN ROUTE	V15					(US)
EN ROUTE	V194					(US)
EN ROUTE	V548					(US)
EN ROUTE	V565					(US)
EN ROUTE	V583					(US)
IAP	VOR/DME-A		1	KRWW	CALDWELL	TX (US)
IAP	ILS OR LOC RWY 35			KCLL	COLLEGE STATION	TX (US)
IAP	LOC BC RWY 17			KCLL	COLLEGE STATION	TX (US)
IAP	VOR OR TACAN RWY 11			KCLL	COLLEGE STATION	TX (US)
IAP	VOR RWY 29		2	KCLL	COLLEGE STATION	TX (US)
IAP	RNAV (GPS) RWY 1			51R	MADISONVILLE	TX (US)
STAR	RIICE			6R3	CLEVELAND	TX (US)
STAR	RIICE			KCXO	HOUSTON	TX (US)
STAR	RIICE			KDWH	HOUSTON	TX (US)

QUALITY
42
CHECKED

STAR	RIICE	KIAH	HOUSTON	TX (US)
STAR	RIICE	T78	LIBERTY	TX (US)
STAR	MARCS	KSAT	SAN ANTONIO	TX (US)
STAR	MARCS	KSKF	SAN ANTONIO	TX (US)
STAR	MARCS	KSSF	SAN ANTONIO	TX (US)
STAR	MARCS	KRND	UNIVERSAL CITY	TX (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 30 **DATE OF REVISION:** 08/07/2025

REASON FOR REVISION:

1. FIX USE: ADDED DP JOE POOL AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
		AJV-A431	NAME: BRYANT SMITH
OFFICE OF PRIMARY RESPONSIBILITY:			
APPROVED BY:	DATE: 07/03/2025	OFFICE: AJV-A431	NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
 Apr 24, 2025

QUALITY
42
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JASPA STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 321706.11N/0970332.37W TYPE: WP, 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	MAVERICK	TTT	VOR/DME	VH	175.54	181.54	34.99	34.99		4000	17500
2	COWBOY	CVE	VOR/DME	VH	186.28	192.28	37.09	37.09		4000	17500

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	N	TTT	VOR/DME	175.54	175.54	R	1		4000	14000	6	12
2	N		WP	358.56	178.56	R		4	4000	14000	5	11
3	N	CVE	VOR/DME	186.28	186.28	R	1		4000	14000	6	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-000443)	322611.00N/0970130.00W	1253	4D
2	200	TOWER (48-000443)	322611.00N/0970130.00W	1253	4D
3	200	TOWER (48-000443)	322611.00N/0970130.00W	1253	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

FIX LIES ON REGIONAL APPROACH CONTROL BOUNDARY LINE BETWEEN DODJE INT 321703.09N/0963458.63W AND 331702.00N/0973559.00W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL	1		KGKY	ARLINGTON	TX (US)
DP	JOE POOL	1		KCPT	CLEBURNE	TX (US)
DP	JOE POOL	1		KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	1		KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS	1		KDAL	DALLAS	TX (US)
DP	JOE POOL	1		KRBD	DALLAS	TX (US)
DP	JOE POOL	1		KTKI	DALLAS	TX (US)
DP	ARDIA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	DARTZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JASPA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1		KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	NELYN (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1		KLUD	DECATUR	TX (US)
DP	JOE POOL	1		KDTO	DENTON	TX (US)
DP	JOE POOL	1		50F	FORT WORTH	TX (US)
DP	JOE POOL	1		KAFW	FORT WORTH	TX (US)
DP	JOE POOL	1		KFTW	FORT WORTH	TX (US)
DP	JOE POOL	1		KFWS	FORT WORTH	TX (US)
DP	JOE POOL	1		KNFW	FORT WORTH	TX (US)
DP	JOE POOL	1		KGPM	GRAND PRAIRIE	TX (US)
DP	JOE POOL	1		KLNC	LANCASTER	TX (US)
DP	JOE POOL	1		KHQZ	MESQUITE	TX (US)
DP	JOE POOL	1		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	JOE POOL	1		F46	ROCKWALL	TX (US)
DP	JOE POOL	1		KWEA	WEATHERFORD	TX (US)
IAP	CONVERGING ILS RWY 18L	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	CONVERGING ILS RWY 18R	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 17C	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS OR LOC RWY 17R	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17C (CAT II)	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17C (CAT III)	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17C (SA CAT I)	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17R (SA CAT I)	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	ILS RWY 17R (SA CAT II)	1, 2	1, 3	KDFW	DALLAS-FORT WORTH	TX (US)
IAP	RNAV (GPS) RWY 17R		2	KDFW	DALLAS-FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO



RECORD REVISION NUMBER: 14

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. FIX USE: ADDED DP JOE POOL AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: BRYANT SMITH

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Apr 24, 2025



EN ROUTE	V477				(US)
EN ROUTE	V571				(US)
EN ROUTE	V583				(US)
IAP	ILS OR LOC RWY 35			KCLL	COLLEGE STATION TX (US)
IAP	LOC BC RWY 17			KCLL	COLLEGE STATION TX (US)
IAP	VOR RWY 29			KCLL	COLLEGE STATION TX (US)
IAP	RNAV (GPS) RWY 2			KDKR	CROCKETT TX (US)
IAP	RNAV (GPS) RWY 20			KDKR	CROCKETT TX (US)
IAP	VOR/DME-A			KUTS	HUNTSVILLE TX (US)
IAP	VOR RWY 19	1	1	51R	MADISONVILLE TX (US)
STAR	DODJE			KGKY	ARLINGTON TX (US)
STAR	RIICE			6R3	CLEVELAND TX (US)
STAR	YEAGR			KADS	DALLAS TX (US)
STAR	YEAGR			KDAL	DALLAS TX (US)
STAR	DODJE			KRBD	DALLAS TX (US)
STAR	YEAGR			KTKI	DALLAS TX (US)
STAR	CEDAR CREEK			KDFW	DALLAS-FORT WORTH TX (US)
STAR	YEAGR			KDFW	DALLAS-FORT WORTH TX (US)
STAR	DODJE			KLUD	DECATUR TX (US)
STAR	DODJE			KDTO	DENTON TX (US)
STAR	DODJE			KAFW	FORT WORTH TX (US)
STAR	DODJE			KFTW	FORT WORTH TX (US)
STAR	DODJE			KFWS	FORT WORTH TX (US)
STAR	DODJE			KNFW	FORT WORTH TX (US)
STAR	DODJE			KGPM	GRAND PRAIRIE TX (US)
STAR	RIICE			KCXO	HOUSTON TX (US)
STAR	RIICE			KDWH	HOUSTON TX (US)
STAR	RIICE			KIAH	HOUSTON TX (US)
STAR	DODJE			KLNC	LANCASTER TX (US)
STAR	RIICE			T78	LIBERTY TX (US)
STAR	YEAGR			KHQZ	MESQUITE TX (US)
STAR	DODJE			KJWY	MIDLOTHIAN/WAXAHACHIE TX (US)
STAR	YEAGR			F46	ROCKWALL TX (US)

REQUIRED CHARTING: DP, STAR, MILITARY DP, MILITARY STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21 **DATE OF REVISION:** 08/07/2025

REASON FOR REVISION:
 FIX USE: ADDED JOE POOL DP AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** BRYANT SMITH
APPROVED BY: **DATE:** 07/03/2025 **OFFICE:** AJV-A431 **NAME:** ERIC N SUSKI

SIGNATURE:
Digitally signed by
ROBERT G HAMILTON
 Apr 24, 2025



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 321705.86N/0971109.28W **TYPE:** WP, 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	MAVERICK	TTT	VOR/DME	VH	185.94	191.94		35.75	2500	17500
2	WACO	ACT	VORTAC	VH	357.47	006.47	37.53	37.53	2500	17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N	ACT	VORTAC	357.47	177.47	L	4	3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-012287)	322013.58N/0971426.27W	1238	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FIX LIES ON REGIONAL APP CON BOUNDARY LINE BETWEEN 321702.00N/973559.00N & DODJE INT (321703.09N/963458.63W) PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL	1, 2		KGKY	ARLINGTON	TX (US)
DP	JOE POOL	1, 2		KCPT	CLEBURNE	TX (US)
DP	JOE POOL	1, 2		KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	1, 2		KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS	1, 2		KDAL	DALLAS	TX (US)
DP	JOE POOL	1, 2		KRBD	DALLAS	TX (US)
DP	JOE POOL	1, 2		KTKI	DALLAS	TX (US)
DP	ARDIA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	DARTZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JASPA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
DP	NELYN (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KLUD	DECATUR	TX (US)
DP	JOE POOL	1, 2		KDTO	DENTON	TX (US)
DP	JOE POOL	1, 2		50F	FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KAFW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KFTW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KFWS	FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KNFW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2		KGPM	GRAND PRAIRIE	TX (US)
DP	JOE POOL	1, 2		KLNC	LANCASTER	TX (US)
DP	JOE POOL	1, 2		KHQZ	MESQUITE	TX (US)
DP	JOE POOL	1, 2		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	JOE POOL	1, 2		F46	ROCKWALL	TX (US)
DP	JOE POOL	1, 2		KWEA	WEATHERFORD	TX (US)
IAP	ILS OR LOC RWY 36L	2	1	KFWS	FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 08/07/2025

REASON FOR REVISION:

- FIX USE: ADDED DP JOE POOL AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.
- FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM H TO VH.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** BRYANT SMITH



APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Apr 24, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: TORNN STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 313113.39N/0963052.96W 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	COWBOY	CVE	VOR/DME	VH	160.31	166.31	84.39	84.39		18000	45000
2	WACO	ACT	VORTAC	VH	093.19	102.19		39.58		6000	45000
3	NAVASOTA	TNV	VOR/DME	VH	334.40	342.40	77.42	77.42		6000	45000
4	MAVERICK	TTT	VOR/DME	VH	155.52	161.52	85.08	85.08		6000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TNV	VOR/DME	R-334	78	6000	14800
TTT	VOR/DME	R-156	86	6000	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	NW	TNV	VOR/DME	334.40	154.40	R	1		6000	45000	12	31
2	N		WP	343.37	163.37	R		10	8000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	WINDMILL (48-192949)	314450.20N/0964401.85W	1285	4D
2	230	WINDMILL (48-192949)	314450.20N/0964401.85W	1285	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

WACO (FAC 2) AND NAVASOTA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING PAT 1 MIN PAT TEMPLATE 12 DUE TO FIX DISPLACEMENT BOUNDARIES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL	2, 3, 4	1	KGKY	ARLINGTON	TX (US)
DP	JOE POOL	2, 3, 4	1	KCPT	CLEBURNE	TX (US)
DP	JOE POOL	2, 3, 4	1	KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	2, 3, 4	1	KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS	2, 3, 4		KDAL	DALLAS	TX (US)
DP	JOE POOL	2, 3, 4	1	KRBD	DALLAS	TX (US)
DP	JOE POOL	2, 3, 4	1	KTKI	DALLAS	TX (US)
DP	DARTZ (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	TRI-GATE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KLUD	DECATUR	TX (US)
DP	JOE POOL	2, 3, 4	1	KDTO	DENTON	TX (US)
DP	JOE POOL	2, 3, 4	1	50F	FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KAFW	FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KFTW	FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KFWS	FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KNFW	FORT WORTH	TX (US)
DP	JOE POOL	2, 3, 4	1	KGPM	GRAND PRAIRIE	TX (US)
DP	JOE POOL	2, 3, 4	1	KLNC	LANCASTER	TX (US)
DP	JOE POOL	2, 3, 4	1	KHQZ	MESQUITE	TX (US)
DP	JOE POOL	2, 3, 4	1	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	JOE POOL	2, 3, 4	1	F46	ROCKWALL	TX (US)
DP	JOE POOL	2, 3, 4	1	KWEA	WEATHERFORD	TX (US)
EN ROUTE	J50	1, 2, 3, 4				(US)
EN ROUTE	J87	1, 2, 3, 4				(US)
STAR	RIICE	1, 2, 3	1	6R3	CLEVELAND	TX (US)
STAR	RIICE	1, 2, 3	1	KCXO	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KDWH	HOUSTON	TX (US)
STAR	DRLLR (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	GUSHR (RNAV)		2	KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	KIAH	HOUSTON	TX (US)
STAR	RIICE	1, 2, 3	1	T78	LIBERTY	TX (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

QUALITY
42
CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. FIX USE: ADDED DP JOE POOL AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: BRYANT SMITH

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 24, 2025



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 313149.93N/0970457.06W **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	MAVERICK	TTT	VOR/DME	VH	175.54	181.54	80.18	80.18		5000	45000
2	WACO	ACT	VORTAC	VH	120.47	129.47	12.39	12.39		5000	45000
3	CENTEX	CWK	VORTAC	VH	012.39	018.39	72.72	72.72		6000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TTT	VOR/DME	R-176	81	5000	15100
CWK	VORTAC	R-012	73	6000	15100

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N		WP	014.58	194.58	R	14	24000	35000	26	27

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JOE POOL	1, 2, 3		KGKY	ARLINGTON	TX (US)
DP	JOE POOL	1, 2, 3		KCPT	CLEBURNE	TX (US)
DP	JOE POOL	1, 2, 3		KADS	DALLAS	TX (US)
DP	CURLO (RNAV)			KDAL	DALLAS	TX (US)
DP	JOE POOL	1, 2, 3		KDAL	DALLAS	TX (US)
DP	RAMBL (RNAV)			KDAL	DALLAS	TX (US)
DP	VENUS	1, 2, 3		KDAL	DALLAS	TX (US)
DP	JOE POOL	1, 2, 3		KRBD	DALLAS	TX (US)
DP	JOE POOL	1, 2, 3		KTKI	DALLAS	TX (US)
DP	JASPA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KDFW	DALLAS-FORT WORTH	TX (US)
DP	KEENE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KLUD	DECATUR	TX (US)
DP	JOE POOL	1, 2, 3		KDTO	DENTON	TX (US)
DP	JOE POOL	1, 2, 3		50F	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KAFW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KFTW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KFWS	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KNFW	FORT WORTH	TX (US)
DP	JOE POOL	1, 2, 3		KGPM	GRAND PRAIRIE	TX (US)
DP	JOE POOL	1, 2, 3		KLNC	LANCASTER	TX (US)
DP	JOE POOL	1, 2, 3		KHQZ	MESQUITE	TX (US)
DP	JOE POOL	1, 2, 3		KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
DP	JOE POOL	1, 2, 3		F46	ROCKWALL	TX (US)
DP	JOE POOL	1, 2, 3		KWEA	WEATHERFORD	TX (US)
STAR	BLEWE	1, 2, 3		KAUS	AUSTIN	TX (US)
STAR	SEWZY (RNAV)		1	KAUS	AUSTIN	TX (US)
STAR	QERVO (RNAV)			KCVB	CASTROVILLE	TX (US)
STAR	GABOO (RNAV)			KRYW	LAGO VISTA	TX (US)
STAR	BLEWE	1, 2, 3		3R9	LAKEWAY	TX (US)
STAR	GABOO (RNAV)			3R9	LAKEWAY	TX (US)
STAR	QERVO (RNAV)			KBAZ	NEW BRAUNFELS	TX (US)
STAR	QERVO (RNAV)			KPEZ	PLEASANTON	TX (US)
STAR	QERVO (RNAV)			5C1	SAN ANTONIO	TX (US)
STAR	MARCS	1, 2, 3		KSAT	SAN ANTONIO	TX (US)
STAR	QERVO (RNAV)			KSAT	SAN ANTONIO	TX (US)
STAR	MARCS	1, 2, 3		KSKF	SAN ANTONIO	TX (US)
STAR	QERVO (RNAV)			KSKF	SAN ANTONIO	TX (US)
STAR	MARCS	1, 2, 3		KSSF	SAN ANTONIO	TX (US)
STAR	QERVO (RNAV)			KSSF	SAN ANTONIO	TX (US)
STAR	BLEWE	1, 2, 3		KHYI	SAN MARCOS	TX (US)
STAR	GABOO (RNAV)			KHYI	SAN MARCOS	TX (US)
STAR	GABOO (RNAV)			T74	TAYLOR	TX (US)
STAR	MARCS	1, 2, 3		KRND	UNIVERSAL CITY	TX (US)
STAR	QERVO (RNAV)			KRND	UNIVERSAL CITY	TX (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

QUALITY
42
CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. FIX USE: ADDED DP JOE POOL AT 50F, KCPT, F46, KJWY, KLUD AND KWEA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: BRYANT SMITH

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 24, 2025

