



IAP	RNAV (GPS) RWY 18		50R	LOCKHART	TX (US)
IAP	RNAV (GPS) RWY 17	1	T74	TAYLOR	TX (US)
IAP	VOR RWY 17		T74	TAYLOR	TX (US)
STAR	DODJE		KGKY	ARLINGTON	TX (US)
STAR	BLEWE		KAUS	AUSTIN	TX (US)
STAR	BLEWE		KEDC	AUSTIN	TX (US)
STAR	BLEWE		KHYI	AUSTIN	TX (US)
STAR	RIICE		6R3	CLEVELAND	TX (US)
STAR	RIICE		KCXO	CONROE	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		KDWH	HOUSTON	TX (US)
STAR	RIICE		KIAH	HOUSTON	TX (US)
STAR	BLEWE		KRYW	LAGO VISTA	TX (US)
STAR	BLEWE		3R9	LAKEWAY	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)
STAR	MARCS	2	KSAT	SAN ANTONIO	TX (US)
STAR	MARCS	2	KSKF	SAN ANTONIO	TX (US)
STAR	MARCS	2	KSSF	SAN ANTONIO	TX (US)
STAR	BLEWE		T74	TAYLOR	TX (US)
STAR	MARCS	2	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:** 25

**DATE OF REVISION:** 08/07/2025

**REASON FOR REVISION:**

AIRSPACE DOCKET: ADDED 24-ASW-4.  
FIX USE: REMOVED V558.

03/11/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/02/25.

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

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A423                      **NAME:** BARRY SMITH

**APPROVED BY:**                      **DATE:** 07/03/2025                      **OFFICE:** AJV-A423                      **NAME:** ALLAN WILL

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 314229.22N/0965016.05W **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	MAVERICK	TTT	VOR/DME	VH	165.51	171.51	70.28	70.28	7000	45000
2	WACO	ACT	VORTAC	VH	073.79	082.79		22.25	7000	45000
3	COLLEGE STATION	CLL	VORTAC	L	334.09	342.09	69.44	69.44	7000	45000
4	COWBOY	CVE	VOR/DME	VH	171.26	177.26	70.87	70.87	9000	45000

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TTT	VOR/DME	R-166	71	7000	15100
CLL	VORTAC	R-334	70	7000	45000
CVE	VOR/DME	R-171	71	9000	15000

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

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	N	CVE	VOR/DME	171.26	171.26	R	1		11000 45000	11 31
2	N		WP	342.12	162.12	R		12	8000 45000	20 30

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-005557)	314023.00N/0965223.00W	1050	5D
2	230	TOWER (48-009432)	320524.02N/0970251.71W	1308	1A

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**

MAVERICK (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
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	ARDIA (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	TRI-GATE			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)
EN ROUTE	HIGH CHART	1, 2, 3, 4	1			(US)
EN ROUTE	LOW CHART	1, 2, 3, 4	1			(US)
STAR	SNDAY (RNAV)		2	T00	ANAHUAC	TX (US)
STAR	KIDDZ (RNAV)		2	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)		2	KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	SNDAY (RNAV)		2	54T	BAYTOWN	TX (US)
STAR	SNDAY (RNAV)		2	KHPY	BAYTOWN	TX (US)
STAR	BAZBL (RNAV)		2	6R3	CLEVELAND	TX (US)
STAR	KIDDZ (RNAV)		2	KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)		2	KGLS	GALVESTON	TX (US)
STAR	SNDAY (RNAV)		2	KAXH	HOUSTON	TX (US)

STAR	BAZBL (RNAV)	2	KCXO	HOUSTON	TX (US)
STAR	BAZBL (RNAV)	2	KDWH	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)	2	KEFD	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	KEFD	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)	2	KHOU	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	KHOU	HOUSTON	TX (US)
STAR	BAZBL (RNAV)	2	KIAH	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	KIWS	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	KLVJ	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	KSGR	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	KTME	HOUSTON	TX (US)
STAR	SNDAY (RNAV)	2	T41	LA PORTE	TX (US)
STAR	BAZBL (RNAV)	2	T78	LIBERTY	TX (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 14                      **DATE OF REVISION:** 08/07/2025

**REASON FOR REVISION:**  
 FIX MAKE-UP FACILITIES: REMOVED FAC 4 (IDU) - IDU VOR MON. CHANGED NEW FAC 4 (CVE) MRA FROM 11000 TO 9000 - ESVMs VALUE.  
 ESV: REMOVED IDU VORTAC ESV DATA.  
 HOLDING: CHANGED PAT 1 LEG LENGTH TIME FROM 1-1 1/2 TO 1.  
 FIX USE: ADDED JOE POOL DP AT F46, 50F, KCPT, KJWY, KLUD AND KWEA.

03/11/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/04/25.  
 1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 (TTT) CLASS FROM H TO VH.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A423	<b>NAME:</b> BARRY SMITH
<b>APPROVED BY:</b>	<b>DATE:</b> 07/03/2025	<b>OFFICE:</b> AJV-A423	<b>NAME:</b> ALLAN WILL
	<b>SIGNATURE:</b>		