

RADIO FIX AND HOLDING DATA RECORD

NAME: THREE RIVERS VORTAC
STATE: TX
COUNTRY: US
ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 283017.99N/0980901.68W
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 NM	FEET	MRA	MAA
1	THREE RIVERS	THX	VORTAC	L							45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PALACIOS			T00	ANAHUAC	TX (US)
DP	PALACIOS			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			54T	BAYTOWN	TX (US)
DP	PALACIOS			KHPY	BAYTOWN	TX (US)
DP	PALACIOS			6R3	CLEVELAND	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KLJV	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			T41	LA PORTE	TX (US)
DP	PALACIOS			T78	LIBERTY	TX (US)
DP	BOWIE			KSAT	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	BOWIE			KSSF	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	V161					(US)
EN ROUTE	V163					(US)
EN ROUTE	V568					(US)
IAP	RNAV (GPS) RWY 12			KBEA	BEEVILLE	TX (US)
IAP	VOR/DME RWY 12			KBEA	BEEVILLE	TX (US)
IAP	RNAV (GPS) RWY 13			2TA8	ENCINO	TX (US)
IAP	RNAV (GPS) RWY 31			2TA8	ENCINO	TX (US)
IAP	RNAV (GPS) RWY 14			T69	SINTON	TX (US)
STAR	LEMIG			KSAT	SAN ANTONIO	TX (US)
STAR	LEMIG			KSKF	SAN ANTONIO	TX (US)
STAR	LEMIG			KSSF	SAN ANTONIO	TX (US)
STAR	LEMIG			KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

REMOVED ALL HOLDING PATTERNS AND ASSOCIATED CONTROLLING OBSTRUCTIONS.
REMOVED "HOLDING RESTRICTIONS: HOLDING LIMITED TO ESTABLISHED PATTERNS".
REMARKS: REMOVED "PRECIPITOUS TERRAIN EVALUATION COMPLETED".
REMARKS: REMOVED "ASSIGNED FACILITY MAGVAR: E8/1980".
FIX USE: REMOVED RNAV (GPS) RWY 33 AT 0XA4.
FIX USE: REMOVED RNAV (GPS) RWY 17 AT XS71.
FIX USE: REMOVED RNAV (GPS) RWY 13 AND VOR/DME-A AT 8T6.
FIX USE: REMOVED RNAV (GPS) RWY 32 AT 0XA5.

INITIATED BY:
DATE:
ORGANIZATION:
NAME:

OFFICE OF PRIMARY RESPONSIBILITY:
AJV-A421
NAME: TIMOTHY JOHNSON

APPROVED BY:
DATE: 05/08/2025
OFFICE: AJV-A421
NAME: DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SLENA STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 283238.31N/0981147.89W TYPE: WP, INT, DME
 AIRSPACE DOCKET: 24-ASW-13 FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SAN ANTONIO	SAT	VORTAC	VH	160.00	168.00	67.29	67.29	3000	17500
2	CORPUS CHRISTI	CRP	VORTAC	VH	305.05	314.05	55.27	55.27	3000	17500
3	COTULLA	COT	VORTAC	VL	075.03	084.03		48.98	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SAT	VORTAC	R-160	68	3000	15700
CRP	VORTAC	R-305	56	3000	14600
COT	VORTAC	R-075	49	3000	5600

HOLDING:
HOLDING TYPE OF ACTION: ESTABLISH
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	SW		WP	204.00	024.00	R		4	2000	6000	4	6
2	NE		WP	041.00	221.00	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008226)	283314.00N/0981117.00W	706	1A
2	200	TOWER (48-008226)	283314.00N/0981117.00W	706	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

SAN ANTONIO (FAC 1) AND COTULLA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FIX NAME RETAINED FOR ATC OPERATIONAL REASONS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 33			0XA4	FREER	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 17		1	XS71	PAWNEE	TX (US)
DP	SLENA (RNAV)			KCVB	CASTROVILLE	TX (US)
DP	SLENA (RNAV)			KBAZ	NEW BRAUNFELS	TX (US)
DP	SLENA (RNAV)			KPEZ	PLEASANTON	TX (US)
DP	SLENA (RNAV)			5C1	SAN ANTONIO	TX (US)
DP	BOWIE	1, 3		KSAT	SAN ANTONIO	TX (US)
DP	SLENA (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	SLENA (RNAV)			KSKF	SAN ANTONIO	TX (US)
DP	BOWIE	1, 3		KSSF	SAN ANTONIO	TX (US)
DP	SLENA (RNAV)			KSSF	SAN ANTONIO	TX (US)
DP	SLENA (RNAV)			KRND	UNIVERSAL CITY	TX (US)
EN ROUTE	T545					(US)
EN ROUTE	V163	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 32			KBEA	BEEVILLE	TX (US)
IAP	RNAV (GPS) RWY 13		2	8T6	GEORGE WEST	TX (US)
STAR	LEMIG	2, 3		KSAT	SAN ANTONIO	TX (US)
STAR	LEMIG	2, 3		KSKF	SAN ANTONIO	TX (US)
STAR	LEMIG	2, 3		KSSF	SAN ANTONIO	TX (US)
STAR	LEMIG	2, 3		KRND	UNIVERSAL CITY	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

TYPE: ADDED INT AND DME.
 AIRSPACE DOCKET: ADDED 24-ASW-13.
 FIX MAKE-UP FACILITIES: ADDED FAC 1 (SAT), FAC 2 (CRP) AND FAC 3 (COT).
 ESV: ADDED SAT VORTAC, CRP VORTAC AND COT VORTAC ESV DATA.
 FIX RESTRICTIONS: MOVED HOLDING LIMITED TO ESTABLISHED PATTERNS FROM FIX RESTRICTIONS TO HOLDING RESTRICTIONS.
 REMARKS: ADDED SAN ANTONIO (FAC 1) AND COTULLA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 FIX USE: ADDED V163 AND T545. ADDED LEMIG STAR AT KSAT, KSKF, KSSF AND KRND. ADDED KBEA RNAV (GPS) RWY 12 IAP. ADDED BOWIE DP AT KSAT AND KSSF.
 LATITUDE/LONGITUDE: FIX LOCATION - MOVED 4.26 NM NW FROM 282919.88N/0980844.08W TO 283238.31N/0981147.89W.
 REQUIRED CHARTING: ADDED STAR, EN ROUTE LOW AND CONTROLLER LOW.

03/31/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/18/25.
 1. REASON FOR REVISION: ADDED "LATITUDE/LONGITUDE: FIX LOCATION - MOVED 4.26 NM NW FROM 282919.88N/0980844.08W TO 283238.31N/0981147.89W."
 2. REMARKS: ADDED FIX NAME RETAINED FOR ATC OPERATIONAL REASONS.
 3. HOLDING TYPE OF ACTION: CHANGED FROM MODIFY TO ESTABLISH.

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:		