

RADIO FIX AND HOLDING DATA RECORD

NAME: CENTER POINT VORTAC

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295520.48N/0991252.15W

TYPE:

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	CENTER POINT	CSI	VORTAC	VH						45000

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	SW	CSI	VORTAC	235.00	055.00	R	1	4000 17500	4 16
2	W	CSI	VORTAC	280.00	100.00	L	1	4000 17500	4 16
3	W	CSI	VORTAC	268.24	088.24	L	1	4100 17500	5 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	295539.00N/0992021.00W	2491	4E
2	200	AAO	295618.00N/0992109.00W	2500	4E
3	200	AAO	295618.00N/0992109.00W	2500	4E
3	310	TOWER (48-003002)	295746.00N/0993452.00W	2718	5E

REASON FOR NONSTANDARD HOLDING:

PAT 2 AVOID RANDOLPH 2A MOA
PAT 3 AVOID RANDOLPH 2A MOA

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	LOC RWY 30	KERV	KERRVILLE	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR 8E/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LEJON			KSAT	SAN ANTONIO	TX (US)
DP	LEJON			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	J138					(US)
EN ROUTE	V161					(US)
EN ROUTE	V68					(US)
IAP	RNAV (GPS) RWY 16			KCVB	CASTROVILLE	TX (US)
IAP	RNAV (GPS) RWY 13			KDRT	DEL RIO	TX (US)
IAP	RNAV (GPS) RWY 17L			KHDO	HONDO	TX (US)
IAP	LOC RWY 30		3	KERV	KERRVILLE	TX (US)
IAP	RNAV (GPS) RWY 30			KERV	KERRVILLE	TX (US)
IAP	VOR-A		1	KERV	KERRVILLE	TX (US)
IAP	RNAV (GPS) RWY 14			KECU	ROCKSPRINGS	TX (US)
IAP	VOR RWY 14			KECU	ROCKSPRINGS	TX (US)
IAP	ILS OR LOC RWY 31L (ALT MA)			KSAT	SAN ANTONIO	TX (US)
STAR	CENTERPOINT		2	KSAT	SAN ANTONIO	TX (US)
STAR	CENTERPOINT		2	KSKF	SAN ANTONIO	TX (US)
STAR	CENTERPOINT		2	KSSF	SAN ANTONIO	TX (US)
STAR	CENTERPOINT		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: 13

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

1. FIX USE: REMOVED ILS OR LOC RWY 13R AND ILS RWY 13R (CAT II) AT KSAT.
2. FIX MAKE-UP: CHANGED FAC 1 CLASS FROM H TO VH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LEJON

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300646.31N/0990719.08W

TYPE: INT, DME

AIRSPACE DOCKET: 23-ASW-16

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	SAN ANTONIO	SAT	VORTAC	H	301.32	309.32	44.44	44.44	4100	45000
2	CENTER POINT	CSI	VORTAC	VH	014.89	022.89		12.38	4100	45000
3	STONEWALL	STV	VORTAC	VH	247.55	255.55		22.37	4100	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SAT	VORTAC	R-301	45	4100	15700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

STV (FAC 3) AND CSI (FAC 2) USE TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LEJON	1, 2, 3		KSAT	SAN ANTONIO	TX (US)
DP	LEJON	1, 2, 3		KSSF	SAN ANTONIO	TX (US)
EN ROUTE	J2	1, 2, 3				(US)
EN ROUTE	V198	1, 2, 3				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

- DOCKET: ADDED "23-ASW-16"
- ESV: UPDATED SAT VORTAC MAX ALTITUDE FROM "15600" TO "15700"
- FIX USE: REMOVED "EN ROUTE V161"
- CHARTING: UPDATED "CONTROLLER" TO "CONTROLLER LOW" AND "CONTROLLER HIGH"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: STONEWALL VORTAC

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 301224.33N/0984220.72W

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	STONEWALL	STV	VORTAC	VH						45000

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	E	STV	VORTAC	094.00	274.00	R	1	4100 8000	5 8
2	N	STV	VORTAC	345.00	165.00	R	1	6000 14000	7 10
3	N		WP	345.00	165.00	R		4100 6000	6 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-010562)	300814.00N/0983636.00W	3049	5D
2	200	TOWER (48-009288)	300803.00N/0984021.00W	2449	5E
3	200	TOWER (48-009288)	300803.00N/0984021.00W	2449	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 8E (1980).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 12		3	XS75	ROUND MOUNTAIN	TX (US)
SPECIAL IAP	RNAV (GPS) RWY 30		3	XS75	ROUND MOUNTAIN	TX (US)
DP	AUSTIN			KAUS	AUSTIN	TX (US)
DP	LAMPS			KHLR	FORT HOOD (KILLEEN)	TX (US)
DP	LAMPS			KGRK	FORT HOOD/KILLEEN	TX (US)
DP	LAMPS			KILE	KILLEEN	TX (US)
DP	ALAMO			KSAT	SAN ANTONIO	TX (US)
DP	LEJON			KSAT	SAN ANTONIO	TX (US)
DP	ALAMO			KSSF	SAN ANTONIO	TX (US)
DP	LEJON			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	T466					(US)
EN ROUTE	T499					(US)
EN ROUTE	V222					(US)
EN ROUTE	V358					(US)
EN ROUTE	V556					(US)
EN ROUTE	V568		2			(US)
IAP	ILS OR LOC RWY 18R			KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 36L			KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 13			KHYI	AUSTIN	TX (US)
IAP	VOR/DME-A		1	T82	FREDERICKSBURG	TX (US)
IAP	LOC RWY 30			KERV	KERRVILLE	TX (US)
IAP	RNAV (GPS) RWY 30			KERV	KERRVILLE	TX (US)
IAP	ILS OR LOC RWY 4			KSAT	SAN ANTONIO	TX (US)
STAR	MARCS			KSAT	SAN ANTONIO	TX (US)
STAR	STONEWALL			KSAT	SAN ANTONIO	TX (US)
STAR	MARCS			KSKF	SAN ANTONIO	TX (US)
STAR	STONEWALL			KSKF	SAN ANTONIO	TX (US)
STAR	MARCS			KSSF	SAN ANTONIO	TX (US)
STAR	STONEWALL			KSSF	SAN ANTONIO	TX (US)
STAR	MARCS			KRND	UNIVERSAL CITY	TX (US)
STAR	STONEWALL			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: 17

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. REMOVED "INDUSTRY AT KIAH, KGLS, KAXH, KCXO, KDWH, KEFD, KHOU, KIWS, KSGR, KTME, T41" AND "CENTERPOINT STAR AT KSAT, KSKF, KSSF, KRND" FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON**APPROVED BY:****DATE:** 02/20/2025**OFFICE:** AJV-A432**NAME:** JOSEPH ZEDER**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: TATAR

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295313.51N/0984808.85W

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	SAN ANTONIO	SAT	VORTAC	VH	301.32	309.32	23.00	23.00	4100	45000
2	STONEWALL	STV	VORTAC	VH	186.77	194.77		19.79	4100	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SAT (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALISS (RNAV)			KCVB	CASTROVILLE	TX (US)
DP	ALISS (RNAV)			KBAZ	NEW BRAUNFELS	TX (US)
DP	ALISS (RNAV)			KPEZ	PLEASANTON	TX (US)
DP	ALISS (RNAV)			5C1	SAN ANTONIO	TX (US)
DP	ALISS (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	LEJON	1, 2		KSAT	SAN ANTONIO	TX (US)
DP	ALISS (RNAV)			KSKF	SAN ANTONIO	TX (US)
DP	ALISS (RNAV)			KSSF	SAN ANTONIO	TX (US)
DP	LEJON	1, 2		KSSF	SAN ANTONIO	TX (US)
DP	ALISS (RNAV)			KRND	UNIVERSAL CITY	TX (US)
EN ROUTE	V198	1, 2				(US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

ADDED WP TO FIX TYPE.

UPDATED FIX USE, ADDED ALISS (RNAV) FOR 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: