

RADIO FIX AND HOLDING DATA RECORD

NAME: CHILD

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 310341.17N/1002740.62W

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 NM	FAC FEET	MRA	MAA
1	JUNCTION	JCT	VORTAC	H	302.00	310.00	43.31	43.31		4000	17500
2	SAN ANGELO	SJT	VORTAC	H	171.01	181.01	18.77	18.77		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
JCT	VORTAC	R-302	44	4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

JCT (FAC 1) AND SAN ANGELO VORTAC (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V556	1, 2				(US)
IAP	ILS Y OR LOC Y RWY 3	1, 2	KSJT		SAN ANGELO	TX (US)
IAP	NDB RWY 3	1, 2	KSJT		SAN ANGELO	TX (US)
IAP	RNAV GPS RWY 3		KSJT		SAN ANGELO	TX (US)
IAP	VOR RWY 21	1, 2	KSJT		SAN ANGELO	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

UPDATED FIX USE.
CHANGED ESV TO CORRECT FORMAT.
ADDED FAC 1, 2 DIST FROM FAC (NM).
DECREASED MRA FOR FAC 1 FROM 5000 TO 4000.
DECREASED MIN ALTITUDE IN ESV FOR JCT FROM 5000 TO 4000.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5400

NAME: KEITH MCKAY

APPROVED BY:

DATE:

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF, SJT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EDWAR

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 311646.82N/1002233.58W

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 NM	FAC FEET	MRA	MAA
1	SAN ANGELO	SJT	VORTAC	H	134.58	144.58	7.00	7.00		4000	17500
2	WOOLE	SJ	LOM		084.98	089.98		10.29		4000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

REMARKS:

SAN ANGELO VORTAC (FAC1) AND WOOLE LOM (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V68	1				(US)
IAP	ILS Y OR LOC Y RWY 3	1, 2		KSJT	SAN ANGELO	TX (US)
IAP	NDB RWY 3	1, 2		KSJT	SAN ANGELO	TX (US)
IAP	RNAV (GPS) RWY 18			KSJT	SAN ANGELO	TX (US)
IAP	VOR RWY 21	1, 2		KSJT	SAN ANGELO	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

REMOVED FAC 3 FROM FIX MAKE-UP FACILITIES.

UPDATED FIX USE.

CHANGED FAC 2 MAG BRG FROM 080.98 TO 084.98 AND ADDED NM DIST FROM FAC .

HOLDING PAT 1 REMOVED DUE TO NOT BEING USED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5400

NAME: KEITH MCKAY

APPROVED BY:

DATE:

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF, SJT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SAN ANGELO VORTAC **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 312229.83N/1002717.55W **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	MRA FEET	MAA
1	SAN ANGELO	SJT	VORTAC	H						45000

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 MIN MAX	TEMPLATES MIN MAX
1	NE	SJT	VORTAC	055.00	235.00	L	1-1 1/2	4000 6000	4 5
2	NE	SJT	VORTAC	060.00	240.00	L	1-1 1/2	4000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	310	TOWER (48-023478)	311902.40N/1002610.50W	2272	4D
2	200	TOWER (48-023478)	311902.40N/1002610.50W	2272	4D
UPN	230	TOWER (48-002696)	311206.98N/1002759.59W	2864	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4000.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILTY MAGVAR: 10E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	AEROZ (RNAV)			KAUS	AUSTIN	TX (US)
DP	AUSTIN			KAUS	AUSTIN	TX (US)
DP	AEROZ (RNAV)			KEDC	AUSTIN	TX (US)
DP	AEROZ (RNAV)			KHYI	AUSTIN	TX (US)
DP	AEROZ (RNAV)			KGTU	GEORGETOWN	TX (US)
DP	AEROZ (RNAV)			KRYW	LAGO VISTA	TX (US)
DP	AEROZ (RNAV)			K3R9	LAKEWAY	TX (US)
DP	AEROZ (RNAV)			KT74	TAYLOR	TX (US)
EN ROUTE	V556					(US)
EN ROUTE	V68					(US)
EN ROUTE	V76					(US)
EN ROUTE	V77					(US)
IAP	RNAV (GPS) RWY 35			KE30	BALLINGER	TX (US)
IAP	RNAV (GPS) RWY 16			KOZA	OZONA	TX (US)
IAP	HI-ILS Z OR LOC Z RWY 3			KSJT	SAN ANGELO	TX (US)
IAP	HI-VOR/DME OR TACAN RWY 21			KSJT	SAN ANGELO	TX (US)
IAP	HI-VOR/DME OR TACAN RWY 3			KSJT	SAN ANGELO	TX (US)
IAP	ILS Y OR LOC Y RWY 3		1	KSJT	SAN ANGELO	TX (US)
IAP	NDB RWY 3			KSJT	SAN ANGELO	TX (US)
IAP	RADAR 1			KSJT	SAN ANGELO	TX (US)
IAP	RNAV (GPS) RWY 21			KSJT	SAN ANGELO	TX (US)
IAP	RNAV (GPS) RWY 3			KSJT	SAN ANGELO	TX (US)
IAP	VOR RWY 21		2	KSJT	SAN ANGELO	TX (US)
IAP	VOR/DME OR TACAN RWY 3			KSJT	SAN ANGELO	TX (US)
STAR	KNEAD			KGKY	ARLINGTON	TX (US)
STAR	KNEAD			KCPT	CLEBURNE	TX (US)
STAR	KNEAD			KADS	DALLAS	TX (US)
STAR	KNEAD			KDAL	DALLAS	TX (US)
STAR	KNEAD			KRBD	DALLAS	TX (US)
STAR	KNEAD			KTKI	DALLAS	TX (US)
STAR	GLEN ROSE			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SLUGG			KDTO	DENTON	TX (US)
STAR	SLUGG			KAFW	FORT WORTH	TX (US)
STAR	SLUGG			KFTW	FORT WORTH	TX (US)
STAR	KNEAD			KFWS	FORT WORTH	TX (US)
STAR	SLUGG			KNFW	FORT WORTH	TX (US)
STAR	KNEAD			KGPM	GRAND PRAIRIE	TX (US)
STAR	KNEAD			KLNC	LANCASTER	TX (US)
STAR	KNEAD			KHQZ	MESQUITE	TX (US)

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

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER:** 13**DATE OF REVISION:** 02/28/2019**REASON FOR REVISION:**

ADDED RADAR 1 TO FIX USE.

UPDATE FIX USE.

UPDATE HOLDING PATTERN 1 AIRSPEEDS TO 310 FOR CAT E AIRCRAFT.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-5400

NAME: KEITH MCKAY**APPROVED BY:****DATE:****OFFICE:** AJV-5400**NAME:** LONNIE EVERHART**SIGNATURE:****DISTRIBUTION:**

NFDC

FPO: CEN

ARTCC: ZFW

ATC FACILITY: SJT APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TANKR STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 312654.14N/1003904.77W TYPE: 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	MRA	MAA
1	SAN ANGELO	SJT	VORTAC	H	283.60	293.60	11.00	11.00	3700	17500
2	WOOLE	SJ	LOM		334.08	339.08		10.81	3700	17500

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 MIN	MAX	TEMPLATES MIN	MAX
1	W	SJT	VORTAC	283.60	103.60	R		11	4400	17500	13	20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	310	AAO	312924.00N/1005115.00W	2664	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
 FAC 1 SAN ANGELO VORTAC AND FAC 2 WOOLE LOM USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V68	1				
IAP	HI-ILS Z OR LOC Z RWY 3	1, 2		KSJT	SAN ANGELO	TX (US)
IAP	HI-VOR OR TACAN RWY 21	1, 2	1	KSJT	SAN ANGELO	TX (US)
IAP	HI-VOR OR TACAN RWY 3	1, 2	1	KSJT	SAN ANGELO	TX (US)
IAP	ILS Y OR LOC Y RWY 3	1, 2		KSJT	SAN ANGELO	TX (US)
IAP	NDB RWY 3	1, 2		KSJT	SAN ANGELO	TX (US)
IAP	RNAV (GPS) RWY 3			KSJT	SAN ANGELO	TX (US)
IAP	VOR OR TACAN RWY 3	1, 2	1	KSJT	SAN ANGELO	TX (US)
IAP	VOR RWY 21	1, 2		KSJT	SAN ANGELO	TX (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

UPDATED FIX USE.
 CHANGED FAC 2 MAG BRG FROM 330.08 TO 334.08.
 PRECIPITOUS TERRAIN EVALUATION COMPLETE ADDED TO REMARKS.
 HOLDING LIMITED TO ESTABLISHED PATTERN MOVED TO HOLDING RESTRICTION.
 ADDED FAC 2 DIST FROM FAC (NM).
 CHANGED PAT 1 CONTROLLING OBSTRUCTION AIRSPEED FROM 200 TO 310 FOR CAT E AIRCRAFT USE PER FPT REQUEST.
 DELETED HOLDING PATTERN 1 AND MOVED PATTERN 2 INTO THAT POSITION, ADDED 11 DME TO LEG LENGTH AND UPDATED TEMPLATES TO MIN 13 AND MAX 20.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-5400	NAME: KEITH MCKAY
APPROVED BY:	DATE:	OFFICE: AJV-5400	NAME: LONNIE EVERHART
SIGNATURE:			
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZFW ATC FACILITY: SJT / MAF OTHER:		

RADIO FIX AND HOLDING DATA RECORD

NAME: WOOLE LOM STATE: TX COUNTRY: US ICAO REGION CODE: K4
 LATITUDE/LONGITUDE: 311647.23N/1003434.16W TYPE: 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	WOOLE	SJ	LOM							3900	14000
2	SAN ANGELO	I-SJT	LOC/DME		218.15	223.15	6.88	6.89	41849	3900	6400

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 MIN MAX	TEMPLATES MIN MAX
1	SW	SJ	LOM	218.10	038.10	R	1	4000 10000	12 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	310	WINDMILL (48-025546)	310951.29N/1003807.05W	2904	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE WOOLE LOM.
 ACTUAL FACILITY LOCATION IS 311647.17N/1003434.08W.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 9E (1980).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-ILS Z OR LOC Z RWY 3	1, 2		KSJT	SAN ANGELO	TX (US)
IAP	ILS Y OR LOC Y RWY 3	1, 2	1	KSJT	SAN ANGELO	TX (US)
IAP	NDB RWY 3	1	1	KSJT	SAN ANGELO	TX (US)

REQUIRED CHARTING: MILITARY IAP, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

CHANGED FAC 1 MAG BRG FROM 214.15 TO 218.15.
 CHANGED PAT 1 INBOUND COURSE FROM 034.00 TO 038.10.
 INCREASED PAT 1 CONTROLLING OBSTRUCTION AIRSPEED FROM 200 TO 310 FOR CAT E AIRCRAFT USE.
 UPDATED FIX USE, FIX TYPE AND FIX MAKEUP FACILITIES FAC 1.
 CHANGED NAME FROM WOOLE OM TO WOOLE LOM.
 UPDATED PAT 1 TYPE FROM OM TO LOM.
 REMOVED FIX USE RESTRICTIONS.
 ADDED PAT 1 TO ILS OR LOC RWY 3 FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-5400 NAME: KEITH MCKAY
 APPROVED BY: DATE: OFFICE: AJV-5400 NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZFW, ZHU
 ATC FACILITY:
 OTHER: SJT ATCT