

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> SAN ANGELO RGNL/MATHIS FIELD	<u>AIRPORT ID</u> KSJT	<u>PROCEDURE NAME</u> ILS Y OR LOC Y RWY 3	<u>ORIGINAL/AMENDMENT</u> 22A	<u>CITY</u> SAN ANGELO	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 1919	<u>TDZE</u> 1917	<u>SUPERSEDED</u> ILS Y OR LOC Y RWY 3	<u>ORIGINAL/AMENDMENT</u> 22	<u>DATED</u> 02/28/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-SJT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TANKR INT/SJT VORTAC 11.00 DME		WOOLE LOM/I-SJT 6.88 DME	FAF/IAF				154.08	10.81	4100
SJT VORTAC		WOOLE LOM/I-SJT 6.88 DME					217.59	8.44	4100
EDWAR INT/SJT VORTAC 7.00 DME		WOOLE LOM/I-SJT 6.88 DME					264.98	10.29	4100
CHILD INT		WOOLE LOM/I-SJT 6.88 DME					330.63	14.35	4100
JIGEM/SJT VORTAC 15.00 DME CCW	IAF	BONNY/SJT VORTAC 15.00 DME	NOPT				15.00 DME ARC (SJT LR-224)		4100
FELUV/SJT VORTAC 15.00 DME CW	IAF	BONNY/SJT VORTAC 15.00 DME	NOPT				15.00 DME ARC (SJT LR-208)		4100
BONNY/SJT VORTAC 15.00 DME	IF	WOOLE LOM/I-SJT 6.88 DME					038.15	6.57 (I-SJT)	3900

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.74 NM AFTER WOOLE LOM/I-SJT 6.88 DME OR AT 1.15 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 THEN RIGHT TURN DIRECT SJT VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT L SIDE OF COURSE 218.15 OUTBOUND 4100 FT WITHIN 10 MILES OF WOOLE LOM/I-SJT 6.88 DME (IAF)

2.

3. FAC: 038.15 FAF: WOOLE LOM/I-SJT 6.88 DME DIST FAF TO MAP: 5.74 DIST FAF TO THLD: 5.74

4. MIN ALT: WOOLE LOM/I-SJT 6.88 DME 3900, ERRNY/I-SJT 3.12 DME 2620*

5. DIST TO THLD FROM OM: 5.74 MM: IM: 150 HAT: GS ANT: 1000

6. MIN GS INCPT: 3900 GS ALT AT FAF : WOOLE LOM/I-SJT 6.88 DME OM: 3824 MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 50.8

8. MSA FROM: SJ NDB 4300

EQUIPMENT REQUIREMENTS NOTES:

ADF OR DME REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2685.
CHART PROFILE NOTE: USE I-SJT DME WHEN ON THE LOCALIZER COURSE.
CHART PROFILE NOTE: CAT E PROCEDURE TURN NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 03 CAT E VISIBILITY TO RVR 4000, S-LOC 03 CAT C/D/E VISIBILITY TO 2 SM.
CHART NOTE: CIRCLING NA FOR CAT E W OF RWY 18-36.
CHART NOTE: ERRNY DME MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 03 CAT C/D/E VISIBILITY TO RVR 5500.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 2.12 DME*.
DISTANCE VDP TO THLD 0.98 NM.
* LOC ONLY.
CHART I-SJT 13.45 DME AT BONNY.
HOLD NE, LT, 235.00 INBOUND.
2380 AAO 311706N/1003500W.
CHART: ASR.
CHART CIRCLING ICON.
CHART SJT R-309 AT JIGEM.
CHART SJT R-135 AT FELUV.
CHART FAS OBST: 2027 POLE 312007N/1003036W.
HOLD NE, LT, 235.00 INBOUND



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2, CAT E 800-2 3/4, NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 03**	2117	2400	200	2117	2400	200	2117	2400	200	2117	2400	200	2117	2400	200
S-LOC 03	2620	2400	703	2620	2400	703	2620	1 5/8	703	2620	1 5/8	703	2620	1 5/8	703
CIRCLING	2620	1	701	2620	1	701	2620	2	701	2700	2 1/2	781	2700	2 3/4	781
ERRNY DME MINIMUMS															
S-LOC 03	2280	2400	363	2280	2400	363	2280	3500	363	2280	3500	363	2280	3500	363
CIRCLING	2360	1	441	2380	1	461	2500	1 1/2	581	2700	2 1/2	781	2700	2 3/4	781

- CHANGES - REASONS**
1. ADDED CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2685 - INCORPORATE NOTAM FDC 9/2506.
2. CHANGED FINAL LENGTH FROM 5.73 TO 5.74 ON 8260-9 - TO MATCH DIST FAF TO MAP/THLD ON AMDT 22/DIST INCORRECTLY DOCUMENTED.
3. CHANGED STEPDOWN TO MAP DIST FROM 4.70 TO 1.98 - DIST INCORRECTLY DOCUMENTED ON AMDT 22 (FAF TO STEPDOWN: 3.76+1.98=5.74).

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER:

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY
WARDELL HENNING (KENO HARTSHORN)

APPROVED BY
LONNIE EVERHART

Digitally signed by
WARDELL HENNING
Nov 27, 2019

OFFICE
Digitally signed by
WARDELL HENNING
Nov 27, 2019

OFFICE
AJV-A432

OFFICE
AJV-A430

DATE
Digitally signed by
Nov 27, 2019

DATE
09/03/2019

DATE

TITLE
MANAGER

