

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 ID</u> GYI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18L	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> SHERMAN/DENISON	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 749	<u>TDZE</u> 741	<u>SUPERSEDED</u> ILS OR LOC RWY 17L	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/25/2024
<u>FACILITY</u> I-GYI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 MAY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3E
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BYP VORTAC		DNI NDB					302.61	27.81	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.00 NM AFTER RIBBY OM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2800 DIRECT DNI NDB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	R	SIDE OF COURSE	358.78	OUTBOUND	2800	FT WITHIN	10	MILES OF	DNI NDB (IAF)
2.									
3. FAC:	178.78	FAF:	RIBBY OM			DIST FAF TO MAP:	6.00	DIST FAF TO THLD:	6.00
4. MIN ALT:	RIBBY OM 2800								
5. DIST TO THLD FROM OM:	6.00	MM:		IM:		150 HAT:		GS ANT:	1100
6. MIN GS INCPT:	2800	GS ALT AT PFAF:	GP INTCP					OM:	2740
7. GS ANGLE:	3.00	34:1:		20:1:		TCH:	55.4	MM:	
8. MSA FROM:	DNI NDB 3800							IM:	



EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 18R, 36L NA AT NIGHT.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1900.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BYP VORTAC AIRWAY RADIALS 264 CW 305.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 18L CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 178.78 INBOUND.
FAS OBST: 958 AAO 334706N/0963939W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☒

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 18L	941	1/2	200	941	1/2	200	941	1/2	200	941	1/2	200			
S-LOC 18L	1220	1/2	479	1220	1/2	479	1220	1	479	1220	1	479			
CIRCLING	1300	1	551	1300	1	551	1400	1 3/4	651	1540	2 1/2	791			

CHANGES - REASONS

- PROCEDURE NAME CHANGED FROM "ILS OR LOC RWY 17L TO "ILS OR LOC RWY 18L" - MAGVAR UPDATED, RUNWAY NUMBERS CHANGED.
- PROFILE LINE 1: PT OUTBOUND COURSE CHANGED FROM 355.78 TO 358.78 - MAGVAR ROTATION.
- PROFILE LINE 3: FAC CHANGED FROM 175.78 TO 178.78 - MAGVAR UPDATED.
- PROFILE LINE 6: GS ALT AT FAF: ADDED GP INTCP - IAW 8260.19I.
- PROFILE LINE 7: TCH CHANGED FROM 43.0 TO 55.4 - FPT REQUEST TO MATCH THE DESIGN TCH.
- NOTES: CHANGED "CHART NOTE: CIRCLING RWY 13, 17R, 31, 35L NA AT NIGHT" TO "CHART NOTE: CIRCLING RWY 18R, 36L NA AT NIGHT" - RWY 13/31 IS BEING REMOVED.
- NOTES: CHANGED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC-17L CAT C/D VISIBILITY TO 1 3/8 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 18L CAT C/D VISIBILITY TO 1 3/8 SM" - RUNWAY NUMBERS CHANGED WITH MAGVAR UPDATE.
- ADDITIONAL FLIGHT DATA: CHANGED "HOLD N, LT, 175.78 INBOUND" TO "HOLD N, LT, 178.78 INBOUND" - IAW 8260.19I
- ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM "960 AAO 334716N/0964049W" TO "958 AAO 334706N/0963939W" - NEW EVALUATION PERFORMED.
- MINIMUMS: ALL RUNWAY NUMBERS CHANGED FROM 17L TO 18L - MAGVAR UPDATED, RUNWAY NUMBERS CHANGED.



COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZFW, AMGR, ST. AVIATION DIR

FLIGHT CHECKED BY

JEFFREY J SCORSE

Digitally signed by
RAKE MCGRAW
Feb 08, 2024

OFFICE
FPO

DATE
02/06/2024

DEVELOPED BY

JOHN BORDY (BRITNEY ARMENTROUT)

Digitally signed by
RAKE MCGRAW
Jan 18, 2024

OFFICE
AJV-A422

DATE
11/08/2023

APPROVED BY

JOHN BORDY

Digitally signed by
RAKE MCGRAW
Feb 08, 2024

OFFICE
AJV-33

DATE

TITLE
MANAGER

