

**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> NQA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> MILLINGTON	<u>STATE</u> TN
<u>AIRPORT ELEVATION</u> 322	<u>TDZE</u> 322	<u>SUPERSEDED</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 6	<u>DATED</u> 07/14/2022
<u>FACILITY</u> I-NQA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 0E
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RYBRN/I-NQA 12.58 DME/RADAR	IF/IAF	PIRGE/I-NQA 6.58 DME/RADAR					218.90	6.01 (I-NQA)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: I-NQA 1.48 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 AND ON MEM VORTAC R-002 TO OZSOM/MEM 23.82 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 270 FOR RADAR VECTORS.

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD NE RYBRN, RT, 218.90 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 4700.
- FAC: 218.90 FAF: PIRGE/I-NQA 6.58 DME/RADAR DIST FAF TO MAP: DIST FAF TO THLD: 5.09
- MIN ALT: RYBRN/I-NQA 12.58 DME/RADAR 2500, PIRGE/I-NQA 6.58 DME/RADAR 2000, NEUME/I-NQA 3.59 DME 1040
- DIST TO THLD FROM FAF: 5.09 MM: IM: 150 HAT: GS ANT: 1085
- MIN GS INCPT: 2000 GS ALT AT PFAF: PIRGE/I-NQA 6.58 DME/RADAR 2000 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 55.3
- MSA FROM: MEM VORTAC 2500



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: S-ILS 22 PROCEDURE NA WHEN CONTROL TOWER CLOSED IF CEILING/VISIBILITY LOWER THAN 800/2.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 22 CAT E VISIBILITY TO 3/4 SM AND S-LOC 22 CAT E VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 001.83 INBOUND.
CHART FAS OBST: 513 TREE (47-052322) 352310N/0895006W.
CHART VDP AT 2.70 DME.
DISTANCE VDP TO THLD 1.22 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT E 800-2 1/4, NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 22	522	1/2	200	522	1/2	200	522	1/2	200	522	1/2	200	522	1/2	200
S-LOC 22	780	1/2	458	780	1/2	458	780	7/8	458	780	7/8	458	780	7/8	458
CIRCLING	800	1	478	820	1	498	920	1 1/2	598	960	2	638	960	2 1/4	638

CHANGES - REASONS

1. ADDED "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 270 FOR RADAR VECTORS" TO ALTERNATE MISSED APPROACH INSTRUCTIONS – IAW 8260.3E, 2-8; PER FPT REQUEST.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZME, MEM APP CON, AMGR, NQA ATCT

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

ERIC N SUSKI

Aug 12, 2024

OFFICE

FPO

DATE

08/08/2024

DEVELOPED BY

ERIC N SUSKI (JOSHUA C. JUONI)

Digitally signed by

ERIC N SUSKI

Apr 19, 2024

OFFICE

AJV-A431

DATE

01/12/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Apr 19, 2024

OFFICE

AJV-A431

DATE

07/11/2024

TITLE

MANAGER

