

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> KMEM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 4D	<u>CITY</u> MEMPHIS	<u>STATE</u> TN		
<u>AIRPORT ELEVATION</u> 341	<u>TDZE</u> 292	<u>SUPERSEDED</u> ILS OR LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 4C	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-JIM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 183/30 CW 003/30	NOPT	GRIIT INT/RADAR	IF/IAF	3000
2. 003/30 CW 183/30		GRIIT INT/RADAR	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GRIIT INT/RADAR	IF/IAF	GRNND INT/RADAR					272.97	6.04 (I-JIM)	1900

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.88 NM AFTER GRNND INT/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 AND INTERCEPT MEM VORTAC R-285 TO GOWRI INT/17.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 5000 DIRECT AVADE AND ON TRACK 278.65 TO GOWRI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. (RNAV 1-GPS REQUIRED)



AIRPORT ID

KMEM

PROCEDURE NAME

ILS OR LOC RWY 27

ORIGINAL/AMENDMENT

4D

CITY

MEMPHIS

STATE

TN

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E GRIIT, RT, 272.97 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 272.97FAF: GRNND INT/RADARDIST FAF TO MAP: 4.88DIST FAF TO THLD: 4.88

4. MIN ALT: GRIIT INT/RADAR 3000, GRNND INT/RADAR 1900, IPEPE INT/RADAR 980

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT: 1248

6. MIN GS INCPT: 1900GS ALT AT PFAF : GRNND INT/RADAR 1900OM:MM:IM:

7. GS ANGLE: 3.0034:1:20:1TCH: 53.5

8. MSA FROM:

EQUIPMENT REQUIREMENTS NOTE:

RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS CAT E VISIBILITY TO RVR 4000, AND S-LOC CAT E VISIBILITY TO 2 SM, IPEPE FIX MINIMUMS S-LOC CAT E VISIBILITY TO 1 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: GOWRI WP
CHART CIRCLING ICON
CHART 642 TOWER 350255N/0895027W
HOLD E, RT, 285.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E GOWRI INT/17.00 DME, RT, 287.00 INBOUND.
CHART FAS OBST: 462 TOWER 350311N/0895552W.
CHART IN PLANVIEW: GOWRI INT/17.00 DME.

MINIMUMS:

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

ALTERNATE: NA

☐

ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 3/4

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 27**	492	2400	200	492	2400	200	492	2400	200	492	2400	200	492	2400	200
S-LOC 27	980	2400	688	980	2400	688	980	1 1/2	688	980	1 1/2	688	980	1 1/2	688
CIRCLING	980	1	639	980	1	639	980	2	639	1020	2 1/4	679	1140	2 3/4	799
IPEPE FIX MINIMUMS (DUAL VOR RECEIVERS OR RADAR REQUIRED)															
S-LOC 27	720	2400	428	720	2400	428	720	4000	428	720	4000	428	720	4000	428
CIRCLING	940	1	599	940	1	599	940	1 1/2	599	1020	2 1/4	679	1140	2 3/4	799

CHANGES - REASONS

1. CHANGED ALL REFERENCES FROM INT COVIM TO INT GRIIT AND FROM INT CLBRN TO INT GRNND. - INT NAMES CHANGED PER ATC REQUEST.
2. ADDED "MAX 6000" TO LINE 2 - 8260.19I 8-6-7.B.
3. MOVED "RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY" FROM NOTES TO EQUIPMENT REQUIREMENTS NOTES - 8260.19I 8-6-8.
4. REMOVED "LOC ONLY" FROM NOTES AND REMOVED ASTERISK FROM LINE 4 - NO LONGER REQUIRED BY CRITERIA.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME ARTCC, MEM ATCT/APP CON, MEM AMGR.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE *Digitally signed by*
JOHN BORDY
Sep 19, 2023

DATE

DEVELOPED BY

ERIC N SUSKI (BRYANT SMITH)

Digitally signed by
JOHN BORDY
Sep 15, 2023

OFFICE
AJV-A431

DATE
09/15/2023

APPROVED BY

JOHN BORDY

Digitally signed by
JOHN BORDY
Sep 15, 2023

OFFICE
AJV-A33

DATE
09/15/2023

TITLE
MANAGER