

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> 2M8	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MILLINGTON	<u>STATE</u> TN		
<u>AIRPORT ELEVATION</u> 247	<u>TDZE</u> 247	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<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>
HENBO	IAF	EVACO		TF	FB	1.00	115.35	7.00	3000
JETLU	IAF	EVACO		TF	FB	1.00	255.51	7.00	3000
EVACO	IF	DIPJO		TF	FB	1.00	185.43	6.08	1800
DIPJO	FAF	ZIDCU/1.40 NM TO RW18		TF	FB	0.30	185.42	2.52	
ZIDCU/1.40 NM TO RW18		RW18	MAP	TF	FO	0.30	185.42	1.40	
RW18	MAP	1200 MSL		CA			185.42		1200
1200 MSL		HACHE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 DIRECT HACHE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT EVACO

3. FAC: 185.42 FAF: DIPJO DIST FAF TO MAP: 3.92 DIST FAF TO THLD: 3.92

4. MIN ALT: EVACO 3000, DIPJO 1800, ZIDCU/1.40 NM TO RW18 820

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

6. MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:

7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:

8. MSA FROM: RW18 2500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILLINGTON RGNL JETPORT ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; AND LNAV CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.
CHART NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT, CIRCLING RWY 18 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART 464 TOWER 351837N/0895502W.
HOLD NW, LT, 145.00 INBOUND.
CHART FAS OBST: 443 TOWER (47-083121) 351750N/0895506W.
CHART CIRCLING ICON.
DIPJO TO RW18: 3.60/55.

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
LNAV MDA	780	1	533	780	1	533	780	1 1/2	533		NA				
CIRCLING	780	1	533	860	1	613	900	1 3/4	653		NA				



CHANGES - REASONS

1. REMOVED FEEDER SEGMENT GQE VOR/DME TO HENBO FROM TERMINAL ROUTES - PER FPT REQUEST, VOR MON INITIATIVE GQE VORTAC DECOMMISSIONED.
2. REMOVED FEEDER SEGMENT MIOLA TO JETLU FROM TERMINAL ROUTES - PER FPT REQUEST, MIOLA NOT REQUIRED.
3. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GQE VOR/DME AIRWAY RADIALS 017 CW 121." - GQE VOR/DME FEEDER REMOVED PER FPT REQUEST.
4. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIOLA ON V11 NORTHBOUND." - MIOLA FIX REMOVED PER FPT REQUEST AND V11 WILL BE CANCELED WITHOUT REPLACEMENT.
5. DELETED NOTE DME/DME RNP-0.3 NA - NOT REQUIRED BY CURRENT CRITERIA, IAW 8260.19I.
6. CHANGES FROM P-NOTAMS FOR AMDT ORIG-A INCORPORATED INTO FORM - REQUIRED IAW 8260.19I, 8-3-4C(3).
7. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - 8260.19I, 8-6-8B2.
8. ADDED 20:1 IS NOT CLEAR TO LINE 7 - 20:1 PENETRATIONS EXIST.
9. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW CURRENT CRITERIA.
10. CHANGED LNAV CAT C VISIBILITY FROM 1 1/4 SM TO 1 1/2 SM - PER UPDATED 8260.3D VIS TABLES.
11. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED, IAW 8260.19I, 8-6-7D.
12. CHANGED LNAV MINIMUMS FROM MDA 680/HAT 433 TO MDA 780/HAT 533 - INCORPORATED NOTAM FDC 0/3305, NEW CONTROLLING OBSTACLE.
13. INCREASED CIRCLING CAT A MINIMUMS FROM MDA 740/HAA 493 TO MDA 780/HAA 533, CAT B MINIMUMS FROM MDA 780/HAA 533 TO MDA 860/613 AND CAT C MINIMUMS FROM MDA 860/HAA 613 TO MDA 900/HAA 653. - NEW CONTROLLING OBSTACLES.
14. CHANGED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILLINGTON RGNL JETPORT ALTIMETER SETTING AND INCREASE ALL DA 24 FT; INCREASE ALL MDA 40FT AND LNAV CAT C VISIBILITY 1/8 MILE" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILLINGTON RGNL JETPORT ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; AND LNAV CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM" - INCORPORATED NOTAM FDC 0/5404, IAW 8260.19I, 8-6-11N.
15. CHANGED CHART NOTE: FROM "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - 20:1 PENETRATIONS EXIST.
16. ADDED "CHART 464 TOWER 351837N/0895502W" TO ADDITIONAL FLIGHT DATA - 7:1 OBSTACLE FOUND IN NEW TARGETS EVALUATION.
17. ADDED "CHART NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT, CIRCLING RWY 18 NA AT NIGHT" - PENETRATIONS EXIST, 8260.19I, 8-6-11.O2C AND 8-6-11.O2G.
18. REMOVED LPV AND LNAV/VNAV LINES OF MINIMA - VGS PENETRATIONS EXIST, INCORPORATED NOTAM FDC 0/3305.
19. REMOVED CHART NOTE:BARO-VNAV NA - LNAV/VNAV MINIMUMS REMOVED FROM PROCEDURE.
20. REMOVED "LPV: DA" AND "LNAV/VNAV: DA" FROM MISSED APPROACH MAP - APV LINES OF MINIMA REMOVED FROM PROCEDURE.
21. CHANGED CHART FAS OBST: FROM "419 TREE 351748N/0895512W" TO "443 TOWER (47-083121) 351750N/0895506W" - IAW 8260.19I, 8-6-10C.
22. PROFILE LINE 4: CHANGED FROM "EVACO 3000, DIPJO 1800, ZIDCU/1.40 NM TO RW18 820" TO "EVACO 3000, DIPJO 1800, ZIDCU/1.40 NM TO RW18 820" - PROCEDURE FINAL IS LNAV ONLY.
23. PROFILE LINE 6: REMOVED MIN GP INCPT "1800" AND GP ALT AT FAF "DIPJO 1800" - PROCEDURE FINAL IS LNAV ONLY.
24. PROFILE LINE 7: REMOVED GP ANGLE "3.60" AND TCH "55.0" - PROCEDURE FINAL IS LNAV ONLY.
25. ADDED VDA "DIPJO TO RW18: 3.60/55" TO ADDITIONAL FLIGHT DATA. - IAW 8260.19I, 8-6-10O.
26. REMOVED WAAS CHANNEL # 97724 AND REFERENCE PATH ID: W18A FROM ADDITIONAL FLIGHT DATA - PROCEDURE IS LNAV ONLY, WAAS CHANNEL AND REFERENCE PATH ID NOT APPLICABLE.

COORDINATED WITH:

~~A4A~~ ☐ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBA~~ ☒ **OTHER:** ZME ARTCC, MEM APP, K2M8 AMGR

FLIGHT CHECKED BY
JAMES M MEEK

OFFICE

DATE

FPO

09/29/2021

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AIF-1000) MEMO, DATED JUNE 4, 2020, SUBJECT: FLIGHT INSPECTION OF NEW CONTROLLING OBSTACLES

Digitally signed by
LONNIE EVERHART
Jul 06, 2021

OFFICE

DATE

AJV-A432

05/03/2021

DEVELOPED BY

DAVID TEFFETELLER (SILVIA YOUNG)
Digitally signed by

Jul 06, 2021

OFFICE

DATE

AJV-A430

TITLE
MANAGER

APPROVED BY

LONNIE EVERHART

LONNIE EVERHART

Jul 06, 2021

