

**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> KMMI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> ATHENS	<u>STATE</u> TN		
<u>AIRPORT ELEVATION</u> 874	<u>TDZE</u> 874	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 10/06/2022	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<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>
MARBL		GROSS		TF	FB	1.00	346.03	26.71	6300
IXABE	IAF	HUVEP	NOPT	TF	FB	1.00	111.69	5.00	3100
GROSS	IAF	HUVEP	NOPT	TF	FB	1.00	281.88	7.13	3100
HUVEP	IF/IAF	GIMFY		TF	FB	1.00	201.75	6.10	2800
GIMFY	FAF	NONOC/3.10 NM TO RW20		TF	FB	0.30	201.73	2.73	
NONOC/3.10 NM TO RW20		RW20	MAP	TF	FO	0.30	201.73	3.10	
RW20	MAP	1174 MSL		CA			201.73		
1174 MSL		ZAGUG		DF	FO	1.00			4100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4100 DIRECT ZAGUG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
34
CHECKED

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C 900-2 1/2, CAT D 1000-3, 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
LPV DA	1174	1	300	1174	1	300	1174	1	300	1174	1	300			
LNAV/VNAV DA	1718	2 1/2	844	1718	2 1/2	844	1718	2 1/2	844	1718	2 1/2	844			
LNAV MDA	1620	1	746	1620	1 1/4	746	1620	2	746	1620	2	746			
CIRCLING	1620	1	746	1620	1 1/4	746	1620	2 1/4	746	1820	3	946			

CHANGES - REASONS

1. INCORPORATED P-NOTAMS 6/2609 FOR AMDT 1B, 1/1863 FOR AMDT 1C, AND 2/3856 FOR AMDT 1D.
2. DELETED FEEDER PEEKS TO IXABE IN TERMINAL ROUTES -- FPT REQUEST DUE TO V51 CANCELLATION.
3. ADDED "MAX 6000" TO PROFILE LINE 2 -- UPDATED IAW 8260.19I, 8-6-7.B(2).
4. DELETED "CHART FAS OBST: 1299 TREE 352635N/0843305W" IN ADDITIONAL FLIGHT DATA -- LNAV/VNAV OBSTACLE; UPDATED IAW 8260.19I, 8-6-10.C.
5. CHANGED PROCEDURE NA FOR ARRIVALS CHART PLANVIEW NOTE FROM "...MARBL ON V51 SOUTHEAST BOUND" TO "...MARBL ON V97 SOUTHBOUND" -- V51 CANCELED AND GREATER THAN 90 DEGREE TURN TO GROSS FROM V97 SOUTHBOUND; UPDATED IAW 8260.58B, 1-2-5.A(3).
6. CHANGED BACKUP ALTIMETER NOTE FROM "...INCREASE LPV DA TO 1275 FEET AND ALL CATS VISIBILITY 1/2 SM; LNAV/VNAV DA TO 1819 FEET AND ALL CATS VISIBILITY 1 SM; INCREASE ALL MDAS 120 FEET AND LNAV CAT B AND CIRCLING CATS A/C VISIBILITY 1/4 SM, INCREASE LNAV CATS C/D VISIBILITY 1/2 SM" TO "...INCREASE LPV DA TO 1275 FEET AND VISIBILITY ALL CATS 1/8 SM; INCREASE LNAV/VNAV DA TO 1819 FEET AND VISIBILITY ALL CATS 1 1/2 SM; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C AND D 1/2 SM, AND CIRCLING VISIBILITY CAT A AND C 1/4 SM" -- UPDATED IAW 8260.3E VISIBILITY TABLES.
7. CHANGE ALTERNATE MINIMUMS FROM "NA" TO "CAT A, B, C 900-2 1/2, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" -- KTYS ALTIMETER IS ASOS ON WMSCR; UPDATED IAW 8260.19I, 8-6-9.F(7) AND 8-6-11.B(4).

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAJ** ☐ **NBAA** ☒ **OTHER:** ZTL, TYS APP CON, 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**DATE**Digitally signed by
JASON KRETSCHMER
Mar 10, 2023**DEVELOPED BY**

JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by

JASON KRETSCHMER

Mar 10, 2023

OFFICE

AJV-A421

DATE

12/27/2022

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Mar 10, 2023

OFFICE

AJV-A421

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMMI
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	352427.3000N
LTP/FTP LONGITUDE	0843329.9400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02363
FPAP LATITUDE	352302.7800N
FPAP LONGITUDE	0843404.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0784
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B1943B11

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02665
FPAP ORTHOMETRIC HEIGHT	+02665