

**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> KMMU	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 13	<u>CITY</u> MORRISTOWN	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 187	<u>TDZE</u> 184	<u>SUPERSEDED</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 12	<u>DATED</u> 12/05/2019	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> I-MMU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 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>
EMRSN	IAF	FALTY		TF	FB	1.00	089.34	5.51	3000
FALTY	IAF	GODLY		TF	FB	1.00	089.41	5.51	3000
GODLY	IAF	BADDA/RADAR		TF	FB	1.00	159.28	5.51	3000
BADDA/RADAR	IF	BINGG INT/RADAR					229.11	6.50 (I-MMU)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.53 NM AFTER BINGG INT/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON HEADING 229.11 AND ON SBJ VOR/DME R-070 TO SBJ VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT BADDA
3. FAF: 229.11 FAF: BINGG INT/RADAR DIST FAF TO MAP: 5.53 DIST FAF TO THLD: 5.53
4. MIN ALT: BADDA/RADAR 3000, BINGG INT/RADAR 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1046
6. MIN GS INCPT: 2000 GS ALT AT FAF : BINGG INT/RADAR 2000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 55.1
8. MSA FROM: SBJ VOR/DME 090-270 2200, 270-090 2900

QUALITY
10
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.
FROM EMRSN: RNAV 1-GPS REQUIRED.

NOTES:

CHART NOTE: CIRCLING TO RWY 13, 31 NA AT NIGHT.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 732.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART KCDW IN PLAN AND PROFILE VIEWS.
HOLD E, LT, 250.00 INBOUND.
CHART FAS OBST: 432 TREE 405259N/0742038W.
CHART 492 TREE 405330N/0742044W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: STANDARD - CAT C 900-2 1/2, CAT D 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 23	384	1/2	200	384	1/2	200	384	1/2	200	384	1/2	200			
S-LOC 23	700	1/2	516	700	1/2	516	700	1	516	700	1	516			
CIRCLING	860	1	673	900	1	713	1000	2 1/2	813	1200	3	1013			

CHANGES - REASONS

- TDZE CHANGED FROM 183 TO 184 - NEW SURVEY DATA.
- MISSED APPROACH HOLDING FIX CHANGED FROM CAT NDB TO SBJ VOR/DME, INSTRUCTIONS CHANGED - CAT NDB TO BE DECOMMISSIONED.
- PROFILE SECTION, LINE 8, MSA NAVAID CHANGED FROM CAT NDB TO SBJ VOR/DME - CAT NDB NO LONGER USED ON PROCEDURE.
- EQUIPMENT REQUIREMENT NOTES, REMOVED "ADF REQUIRED" - ADF NO LONGER REQUIRED.
- NOTES, ADDED INOPERATIVE ALS NOTES - VISIBILITY INCREASE IS NO LONGER STANDARD FOR SOME CATEGORIES DUE TO LOC MDA CHANGE.
- ADDITIONAL FLIGHT DATA, CHANGED HOLDING PATTERN FROM "HOLD SW, LT, 035.00 INBOUND" TO "HOLD E, LT, 250.00 INBOUND" - HOLDING FIX CHANGED.
- ADDITIONAL FLIGHT DATA, FAS OBST CHANGED FROM 492 TREE TO 432 TREE, COORDINATES UPDATED - THE 492 TREE IS IN THE 7:1 AREA.
- ADDITIONAL FLIGHT DATA, ADDED 492 TREE AS A "CHART" OBSTACLE - 7:1 OBSTACLE.
- MINIMUMS, S-ILS 23 DA CHANGED FROM 383 TO 384 - UPDATED TDZE.
- MINIMUMS, S-LOC 23 MDA/HAT CHANGED FROM 720/537 TO 700/516 - NEW CONTROLLING OBSTACLE IDENTIFIED BY IMPLEMENTING 7:1 AREA AND UPDATED TDZE.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, NEW YORK APP CON, KMMU ATCT, TOWN OF MORRISTOWN

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by
JASON KRETSCHMER
May 11, 2021

OFFICE

FICO

DATE

04/09/2021

DEVELOPED BY

RUSSELL ROSLEWSKI

Digitally signed by
RUSSELL ROSLEWSKI
Jan 11, 2021

OFFICE

AJV-A421

DATE

12/04/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Feb 23, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER

