

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</u> MUSCATINE MUNI | <u>AIRPORT ID</u> KMUT | <u>PROCEDURE NAME</u> ILS OR LOC RWY 24 | <u>ORIGINAL/AMENDMENT</u> 2A | <u>CITY</u> MUSCATINE | <u>STATE</u> IA | |
| <u>AIRPORT ELEVATION</u> 547 | <u>TDZE</u> 545 | <u>SUPERSEDED</u> ILS OR LOC RWY 24 | <u>ORIGINAL/AMENDMENT</u> 2 | <u>DATED</u> 10/12/2017 | <u>MAG VAR</u> 1W | <u>EPOCH YEAR</u> 2000 |
| <u>FACILITY</u> I-LUC | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 24 MAY 2018 | <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> |
|-------------|-----------------|--------------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| MZV VOR/DME | | JOLIX INT/I-LUC 6.35 DME | | | | | 282.66 | 18.93 | 3000 |
| IOW VOR/DME | | JOLIX INT/I-LUC 6.35 DME | | | | | 098.19 | 26.68 | 3000 |

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.27 NM AFTER JOLIX INT/I-LUC 6.35 DME OR AT I-LUC 1.08 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 DIRECT MZV VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT IOW VOR/DME AND HOLD.

PROFILE:

1. PT R **SIDE OF COURSE** 059.51 **OUTBOUND** 2800 **FT WITHIN** 10 **MILES OF** JOLIX (IAF)

2.

3. **FAC:** 239.51 **FAF:** JOLIX INT/I-LUC 6.35 DME **DIST FAF TO MAP:** 5.27 **DIST FAF TO THLD:** 5.27

4. **MIN ALT:** JOLIX INT/I-LUC 6.35 DME 2300

5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **HAT:** **GS ANT:** 1019

6. **MIN GS INCPT:** 2300 **GS ALT AT FAF :** JOLIX INT/I-LUC 6.35 DME 2300 **OM:** **MM:** **IM:**

7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.8

8. **MSA FROM:** MZV VOR/DME 3100

EQUIPMENT REQUIREMENTS NOTES

NOTES:

CHART NOTE: VDP NA WITH IOWA CITY ALTIMETER SETTING.



CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IOWA CITY ALTIMETER SETTING; INCREASE DA TO 825 FEET; INCREASE ALL MDA 80 FEET AND S-LOC 24 CAT C/D VISIBILITY 3/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING IOWA CITY ALTIMETER SETTING, INCREASE S-ILS 24 VISIBILITY TO 1 SM ALL CATS, AND S-LOC 24 CAT C/D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CNF (CFCJB) AT 412805.64N/0905527.88W
CHART FAS OBST: 770 STACK 412358N/0910338W
CHART CIRCLING ICON.
CHART IN PLANVIEW: IOW VOR/DME
CHART VDP AT 2.60 DME*
DISTANCE VDP TO THLD 1.52 NM
* LOC ONLY
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E IOW VOR/DME, RT, 280.00 INBOUND.
HOLD W, RT, 082.88 INBOUND

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 |
| S-ILS 24 | 745 | 1/2 | 200 | 745 | 1/2 | 200 | 745 | 1/2 | 200 | 745 | 1/2 | 200 | | | |
| S-LOC 24 | 1080 | 1/2 | 535 | 1080 | 1/2 | 535 | 1080 | 1 | 535 | 1080 | 1 | 535 | | | |
| CIRCLING | 1080 | 1 | 533 | 1200 | 1 | 653 | 1200 | 1 3/4 | 653 | 1500 | 3 | 953 | | | |

CHANGES - REASONS

1. ALL REFERENCES TO MZV VORTAC CHANGED TO READ MZV VOR/DME - TACR PROJECT.
2. CHANGED REMOTE ALTIMETER SETTING NOTE: REPLACED "ALL DA/MDA 80 FEET, INCREASE S-LOC 24 VISIBILITY 3/8" WITH "DA TO 825 FEET; INCREASE ALL MDA 80 FEET AND S-LOC 24 CAT C/D VISIBILITY 3/8" AND CHANGED "MILE" TO "SM". - IAW 8260.19H PARA 8-6-11N(1)(A).
3. CHANGED INOP COMPONENT NOTE: REPLACED "S-ILS" WITH "S-ILS 24", CHANGED "MILE" TO "SM", AND ADDED "S-LOC 24 CAT C/D VISIBILITY TO 1 3/4 SM". - IAW 8260.19H PARA 8-6-11N(1)(A).

THIS DOES NOT QUALIFY AS A PERIODIC REVIEW - TACR PROJECT.



