

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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> LOUISA COUNTY/FREEMAN FIELD | <u>AIRPORT ID</u> KLKU | <u>PROCEDURE NAME</u> LOC RWY 27 | <u>ORIGINAL/AMENDMENT</u> 4 | <u>CITY</u> LOUISA | <u>STATE</u> VA | |
| <u>AIRPORT ELEVATION</u> 494 | <u>TDZE</u> 494 | <u>SUPERSEDED</u> LOC/DME RWY 27 | <u>ORIGINAL/AMENDMENT</u> 3 | <u>DATED</u> 07/29/2010 | <u>MAG VAR</u> 10W | <u>EPOCH YEAR</u> 2010 |
| <u>FACILITY</u> I-LKU | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019 | <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> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| GVE VORTAC | | JODKA/I-LKU 12.26 DME | | | | | 092.11 | 20.47 | 2900 |
| JODKA/I-LKU 12.26 DME | IF/IAF | LUYIS/I-LKU 6.30 DME | | | | | 272.33 | 5.96 (I-LKU) | 2300 |

MISSED APPROACH

MAP:

LOC: I-LKU 0.76 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT GVE VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD E JODKA, RT, 272.33 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 4900.
3. **FAF:** 272.33 **FAF:** LUYIS/I-LKU 6.30 DME **DIST FAF TO MAP:** 5.55 **DIST FAF TO THLD:** 5.55
4. **MIN ALT:** JODKA/I-LKU 12.26 DME 2900, LUYIS/I-LKU 6.30 DME 2300, OVILY/I-LKU 2.17 DME 980
8. **MSA FROM:** GVE VORTAC 045-225 2000, 225-045 4900

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA N OF RWY 9-27.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORANGE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

CHART NOTE: VDP NA WHEN USING ORANGE ALTIMETER SETTING.

QUALITY
22
CHECKED

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: GVE 20.47 DME AT JODKA.
LUYIS TO RW27: 3.00/40.
CHART VDP AT 1.65 DME
DISTANCE VDP TO THLD 0.90 NM
HOLD S, RT, 002.00 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-LOC 27 | 820 | 1 | 326 | 820 | 1 | 326 | | NA | | | NA | | | | |
| CIRCLING | 900 | 1 | 406 | 960 | 1 | 466 | | NA | | | NA | | | | |

CHANGES - REASONS

- APT AND TOUCHDOWN ZONE ELEV CHANGED FROM 493 TO 494 - NEW 2017 SURVEY DATA IN AIRNAV.
- REMOVED CHART NOTE: SIMULTANEOUS RECEPTION OF I-LKU AND GVE DME REQUIRED - PROCEDURE RE-DESIGNED USING THE NEW DME ANTENNA ADDED TO THE I-LKU FACILITY.
- REMOVED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA - NO 34:1 PENETRATIONS EXIST WHEN USING NEW VG RUNWAY SURVEY DATA.
- ADDED CHART NOTE: DME REQUIRED - TO SUPPORT NEW DME ANTENNA ADDED TO THE I-LKU FACILITY.
- PROCEDURE NAME CHANGED FROM LOC/DME RWY 27 TO LOC RWY27 - IAW 8260.3C PARA 1-6-2.
- ADDED CHARTING OF VDP IN PROFILE VIEW - FINAL FACILITY NOW HAS DME.
- ADDED CHART NOTE: VDP NA WHEN USING ORANGE ALTIMETER SETTING - IAW 8260.19H, PARA 8-6-9E(9).
- CHANGED FIXES OVILY, LUYIS AND JODKA FROM GVE DME FIXES TO I-LKU DME FIXES - NEW DME ANTENNA ADDED TO I-LKU FACILITY.
- S-27 MDA LOWERED FROM 840 TO 820 - CONTROLLING OBSTACLE CHANGED FROM PSEUDO TREE 380034.00N/0775745.00W 589 (2C) TO SURVEYED ANTENNA (51-071929)380111.19N/0775531.76W 567 (1A) PER NEW SURVEY DATA.
- CIRCLING CAT A MDA LOWERED FROM 920 TO 900 - CONTROLLING OBSTACLE CHANGED FROM PSEUDO TREE 380015.50N/0775758.00W 609 (2C) TO SURVEYED TREE (51-071910) 380007.68N/0775802.11W 595 (1A) PER NEW SURVEY DATA.
- FINAL ANGLE/TCH CHANGED FROM 3.05/40 TO 3.00/40 - FAF RELOCATED TO RNAV (GPS) RWY 27 PFAF LOCATION.
- ADDED CHARTING OF CIRCLING ICON - IAW 8260.19H PARA 8-6-10T.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ARPT MGR, PCT TRACON, ZDC

| | | | | | |
|-----------------------------|--|---------------------|---------------|-------------|--------------|
| <u>FLIGHT CHECKED BY</u> | | Digitally signed by | <u>OFFICE</u> | <u>DATE</u> | |
| STEPHEN BAUER | | DAVID DANNER | FICO | 4/11/19 | |
| | | Apr 15, 2019 | | | |
| <u>DEVELOPED BY</u> | | Digitally signed by | <u>OFFICE</u> | <u>DATE</u> | |
| DAVID DANNER (JOHN LINDSEY) | | DAVID DANNER | AJV-A421 | 02/06/2019 | |
| | | Apr 15, 2019 | | | |
| <u>APPROVED BY</u> | | Digitally signed by | <u>OFFICE</u> | <u>DATE</u> | <u>TITLE</u> |
| JULIE MORGAN | | DAVID DANNER | AJV-A42 | | MANAGER |
| | | Apr 15, 2019 | | | |

