FEDERAL AVIATION ADMINISTRATION

FLIGHT STANDARDS SERVICE RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

27 JANUARY 2022

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.

ORIGINAL/AMENDMENT PROCEDURE NAME **CITY STATE AIRPORT ID** RNAV (GPS) RWY 4 1C **LEESBURG** FL **KLEE AIRPORT ELEVATION TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR** 76 70 RNAV (GPS) RWY 3 1B 07/24/2014 5W 2010 **FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE** REQUIRED EFFECTIVE DATE CANCEL/SUSPEND

01/27/2022

TERMINAL ROUTES

RNAV

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	DISTANCE	ALTITUDE
JENSN		PUNQU		TF	FB	1.00	352.32	14.27	2000
MAMBO		PUNQU		TF	FB	1.00	230.89	14.81	2000
PUNQU	IAF	JOXON		TF	FB	1.00	310.05	7.76	2000
JOXON	IF	JUROT		TF	FB	1.00	039.92	6.80	1800
JUROT	FAF	RW4	MAP	TF	FO	0.30	039.96	5.30	
RW4	MAP	1000 MSL		CA			039.96		1000
1000 MSL		MAMBO		DF	FO	1.00			2000

MISSED APPROACH

MAP: LP: RW4 LNAV: RW4

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT MAMBO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



AIRPORT ID
KLEE
RNAV (GPS) RWY 4

ORIGINAL/AMENDMENT
CITY
LEESBURG
FL

PROFILE:

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

2. PROFILE STARTS AT JOXON

4. MIN ALT: JOXON 2000, JUROT 1800

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

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: RW04 2800

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 4 NA AT NIGHT, CIRCLING RWY 4, 22, 31 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JENSN ON V152 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAMBO ON V159-295 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 134.19 INBOUND. FAS OBST: 319 AAO 284516N/0815120W. CHART R-2910C. WAAS CHANNEL # 93526 REFERENCE PATH ID: W04A JUROT TO RW04: 3.00/45. LTP HAE: -7.1 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A		В			С			D			E			
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA												
LP MDA	580	1	510	580	1	510	580	1 3/8	510	580	1 3/8	510			
LNAV MDA	580	1	510	580	1	510	580	1 3/8	510	580	1 3/8	510			
CIRCLING	700	1	624	700	1	624	700	1 3/4	624	700	2	624			



AIRPORT ID PROCEDURE NAME ORIGINAL/AMENDMENT <u>CITY</u> <u>STATE</u> KLEE RNAV (GPS) RWY 4 1C LEESBURG FL

CHANGES - REASONS

- 1. CHANGED ALL INSTANCES OF RWY 03 TO RWY 04 RUNWAY RENUMBERED.
- 2. CHANGED CHART NOTE FROM "DME/DME RNP-0.3 NA" TO PBN REQUIREMENTS NOTE "RNP APCH-GPS" 8260.19I, 8-6-8 B (2).
- 3. ADDED "20:1 IS NOT CLEAR" VISUAL PENETRATIONS TO THE SURFACE EXIST, 8260.19I 8-6-7 G 3 (A).
- 4. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" 8260.191, 8-6-11 K 3.
- 5. CHANGED CHART NOTE FROM "WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 3 PROCEDURE NA AT NIGHT" TO "STRAIGHT-IN RWY 4 NA AT NIGHT, CIRCLING RWY 4, 22, 31 NA AT NIGHT" -8260.19I 8-6-11 O 2 NOTE, THE VGSI DOES NOT HAVE APPROVAL TO USE FOR MITIGATION.
- 6. REMOVED CHART NOTE "WHEN VGSI INOP, CIRCLING RWY 21 NA AT NIGHT" THIS RESTRICTION IS NOW INCLUDED IN THE OTHER NOTE, THE VGSI DOES NOT HAVE APPROVAL TO USE FOR
- 7. UPDATED AND MOVED BACKUP ALTIMETER CHART NOTE TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORLANDO INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND VISIBILITY CAT C AND D 3/8 SM AND CIRCLING VISIBILITY CATS C AND D 1/4 SM" - MOVED TO PART C: GENERAL REMARKS.
- 8. CHANGED LTP HAE FROM 7.2 M TO 7.1 M AIRNAV DATA UPDATED.
- 9. CHANGED LTP COORDINATES FROM "284858.1675N 0814842.4445W" TO "284858.1725N 0814842.4455W" NEW LAT/LONGS FROM NEW SURVEY.
- 10. CHANGED LTP/FTP ELLIPSOIDAL HEIGHT FROM "-00072" TO "-00071" NEW SURVEY.

- 11. CHANGED FPAP COORDINATES FROM "285011.3500N 0814744.2600W" TO "285011.3555N 0814744.2735W" NEW LTP COORDINATES.
- 12. CRC REMAINDER CHANGED FROM "D71F4C5A" TO "31B1EE8C" NEW FPAP AND LTP COORDINATES AND NEW ELLIPSOIDAL HEIGHT.

COORDINATED WITH:

A4A ALPA X	AOPA X APA	HAI NBAA X	OTHER: ORL APP CON, AMGR		
FLIGHT CHECKED BY PENDING		Digitally signed by JOHN BORDY	<u>OFFICE</u>	<u>DATE</u>	
<u>DEVELOPED BY</u> ARTHUR ULVESTAD	Digitally signed by JOHN BORDY	Nov 23, 2021	OFFICE AJV-A422	DATE 10/28/2021	
APPROVED BY MARLON ROBINSON	Nov 23, 2021	Digitally signed by JOHN BORDY Nov 23, 2021	<u>OFFICE</u> AJV-A420	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION DATA DATA FIELD OPERATION TYPE 0 SBAS SERVICE PROVIDER IDENTIFIER 0 AIRPORT IDENTIFIER **KLEE RUNWAY** RW04 APPROACH PERFORMANCE DESIGNATOR 0 **ROUTE INDICATOR** REFERENCE PATH DATA SELECTOR 0 REFERENCE PATH IDENTIFIER (APPROACH ID) W04A LTP/FTP LATITUDE 284858.1725N LTP/FTP LONGITUDE 0814842.4455W LTP/FTP ELLIPSOIDAL HEIGHT -00071 FPAP LATITUDE 285011.3555N **FPAP LONGITUDE** 0814744.2735W THRESHOLD CROSSING HEIGHT (TCH) 00045.0 F TCH UNITS SELECTOR (METERS OR FEET USED) **GLIDEPATH ANGLE (GPA)** 03.00 **COURSE WIDTH AT THRESHOLD** 106.75 **LENGTH OFFSET** 1240 HORIZONTAL ALERT LIMIT (HAL) 40.0 **VERTICAL ALERT LIMIT (VAL)** 0.0 **CRC REMAINDER** 31B1EE8C ADDITIONAL PATH POINT RECORD INFORMATION ICAO CODE K7

PROCEDURE NAME

RNAV (GPS) RWY 4

+00203

+00203

AIRPORT ID

KLEE

LTP ORTHOMETRIC HEIGHT

FPAP ORTHOMETRIC HEIGHT

ONALITY 2 CHECKED

ORIGINAL/AMENDMENT

<u>CITY</u>

LEESBURG

STATE

FL