

**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><b>AIRPORT</b></u> LAKELAND LINDER INTL	<u><b>AIRPORT ID</b></u> KLAL	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 23	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-D	<u><b>CITY</b></u> LAKELAND	<u><b>STATE</b></u> FL
<u><b>AIRPORT ELEVATION</b></u> 142	<u><b>TDZE</b></u> 141	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 23	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-C	<u><b>DATED</b></u> 07/20/2017	<u><b>MAG VAR</b></u> 4W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 28 FEBRUARY 2019	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 2000

**TAA**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>ALTITUDE</b></u>
1. 139/30 CW 319/30	NOPT	JOVMU	IF/IAF	2700
2. 319/30 CW 049/30		EHAGU	IAF	2700
3. 049/30 CW 139/30		LEZTI	IAF	2700

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
EHAGU	IAF	JOVMU	NOPT	TF	FB	1.00	318.95	5.00	2700
LEZTI	IAF	JOVMU	NOPT	TF	FB	1.00	138.89	5.00	2700
JOVMU	IF/IAF	OBTOQ		TF	FB	1.00	228.92	6.10	1700
OBTOQ	FAF	RW23	MAP	TF	FO	0.30	228.88	4.68	
RW23	MAP	426 MSL		CA			228.88		
426 MSL		BIYAT		DF	FB	1.00			
BIYAT		MIREE		TF	FB	1.00	328.00	6.50	
MIREE		PLUMY		TF	FO	1.00	011.82	9.37	2000



MISSED APPROACH

MAP:  
LPV: DA  
LNAV/VNAV: DA  
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT BIYAT AND RIGHT TURN ON TRACK 328.00 TO MIREE THEN ON TRACK 011.82 TO PLUMY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD NE JOVMU, RT, 228.92 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.								
3. FAC:	228.88	FAF: OBTOQ	DIST FAF TO MAP: 4.68	DIST FAF TO THLD: 4.68					
4. MIN ALT:	JOVMU 2700, OBTOQ 1700								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	285 HAT: 0.74	GS ANT:				
6. MIN GP INCPT: 1700	GP ALT AT FAF : OBTOQ 1700			OM:	MM:	IM:			
7. GP ANGLE: 3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH: 50.0				
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PLANT CITY ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET AND INCREASE LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/8 SM.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PLANT CITY ALTIMETER SETTING.  
CHART NOTE: RWY 23 HELICOPTOR VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.66 NM TO RW23\*  
\*LNAV ONLY  
WAAS CHANNEL #77805  
REFERENCE PATH ID: W23A  
CHART FAS OBST: 465 TOWER 280224N/0815738W.  
CHART 580 TOWER 280300N/0815632W.  
HOLD NE, RT, 241.00 INBOUND  
LTP HAE: 17.2 M



QUALITY  
25  
CHECKER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAL
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	275935.5210N
LTP/FTP LONGITUDE	0820034.0065W
LTP/FTP ELLIPSOIDAL HEIGHT	+00172
FPAP LATITUDE	275832.1800N
FPAP LONGITUDE	0820144.9800W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A3A40F74

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00430
FPAP ORTHOMETRIC HEIGHT	+00430

