

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> KLAL	<u>PROCEDURE NAME</u> VOR RWY 28	<u>ORIGINAL/AMENDMENT</u> 7J	<u>CITY</u> LAKELAND	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 142	<u>TDZE</u> 142	<u>SUPERSEDED</u> VOR RWY 27	<u>ORIGINAL/AMENDMENT</u> 7I	<u>DATED</u> 07/15/2021	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> LAL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<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>

MISSED APPROACH

MAP:

LAL VORTAC

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 ON THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 017 AND ON LAL VORTAC R-330 TO PLUMY INT/PIE 33.35 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 076.29 OUTBOUND 2000 FT WITHIN 10 MILES OF LAL VORTAC (IAF)

2.

3. FAC: 256.29 FAF: DIST FAF TO MAP: DIST FAF TO THLD:

4. MIN ALT: AMBAZ/LAL 2.70 DME 920

8. MSA FROM: LAL VORTAC 080-310 2700, 310-080 2200

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.

CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: STRAIGHT-IN RWY 28 NA AT NIGHT, CIRCLING RWY 28 NA AT NIGHT.



ADDITIONAL FLIGHT DATA:

CHART PIE VORTAC R-067 AT PLUMY INT/PIE 33.35 DME.
HOLD NE, RT, 246.70 INBOUND.
CHART FAS OBST: 336 TOWER (12-162825) 275848N/0815737W.
CHART 541 TOWER 275936N/0815322W.
397 AAO 275754N/0815703W.
FAC CROSSES RWY C/L EXTENDED 2967 FT FROM THLD.
AMBAZ TO RW28: 2.96/45.

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

ALTERNATE: NA ☐ STANDARD - CAT C, D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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-28	920	5500	778	920	1 1/4	778	920	2 1/2	778	920	2 1/2	778			
CIRCLING	920	1	778	920	1 1/4	778	920	2 1/2	778	920	2 1/2	778			
AMBAZ FIX MINIMUMS															
S-28	600	5500	458	600	5500	458	600	1 3/8	458	600	1 3/8	458			
CIRCLING	600	1	458	660	1	518	720	1 1/2	578	840	2 1/4	698			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS INTO THE FORM.
2. PROCEDURE NAME CHANGED FROM "VOR RWY 27" TO "VOR RWY 28" - UPDATED AIRPORT RUNWAY NUMBERS.
3. ADDED CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - 34:1 AND 20:1 SURFACE PENETRATED AND IAW 8260.19 PARA 8-6-11 K (3).
4. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19 PARA 8-6-9 M (2).
5. REMOVED ALL NOTES REFERENCING BACK-UP ALTIMETER SETTING - PRIMARY AWOS ON WMSCR, NOTES ADDED TO 8260-9 FOR CONTINGENCY USE.
6. UPDATED FAS OBST FROM "288 TANK 275827N/0820038W" TO "336 TOWER (12-162825) 275848N/0815737W" - UPDATED OBSTACLE SURVEY DATA.
7. UPDATED CHART OBST FROM "542 TOWER 275936N/0815322W" TO "541 TOWER 275936N/0815322W" - UPDATED OBSTACLE SURVEY.
8. UPDATED 7:1 289 OBSTACLE FROM "394 AAO 275815N/0815654W" TO "397 AAO 275754N/0815703W" - UPDATED MAP STUDY.
9. CHANGED VDA FROM "AMBAZ TO RW27: 2.96/45" TO "AMBAZ TO RW28: 2.96/45 - IAW 8260.3 PARA 2-6-2 B.
10. UPDATED DISTANCE FAC CROSSES RWY C/L EXTENDED FROM "3002 FT FROM THLD" TO "2967 FT FROM THLD" - RECALCULATED DISTANCES.
11. ADDED CHART NOTE: STRAIGHT-IN RWY 28 NA AT NIGHT, CIRCLING RWY 28 NA AT NIGHT - 20:1 PENETRATIONS.
12. UPDATED S-27 CAT A VISIBILITY FROM "1 SM" TO S-28 "RVR 5500" - AIRPORT ADDED RVR.
13. UPDATED AMBAZ FIX MINIMUMS S-27 FROM MDA/HAA 540/398 ALL CATS, VISIBILITY CAT A/B 1 SM AND CAT C/D 1 1/8 SM TO S-28 MDA/HAA 600/458 ALL CATS, VISIBILITY CAT A/B RVR 5500 AND CAT C/D 1 3/8 SM.

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<u>COORDINATED WITH:</u>				
A4A ☐ ALPA ☒	AOPA ☒ APA ☐ HAI ☐ NBAA ☒	<u>OTHER:</u> LAL ATCT, TAMPA APP CON, ZMA, AMGR		
<u>FLIGHT CHECKED BY</u> ROBERT E WILLIAMS	<i>Digitally signed by</i> ERIC N SUSKI Jul 01, 2022	<u>OFFICE</u> FPO	<u>DATE</u> 07/27/2022	
<u>DEVELOPED BY</u> FRANK JACKSON JR	<i>Digitally signed by</i> FRANK JACKSON Jun 29, 2022	<u>OFFICE</u> AJV-A431	<u>DATE</u> 06/24/2022	
<u>APPROVED BY</u> JOHNNIE BAKER	<i>Digitally signed by</i> ERIC N SUSKI Jul 01, 2022	<u>OFFICE</u> AJV-A430	<u>DATE</u>	<u>TITLE</u> MANAGER

