

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 10	<u>ORIGINAL/AMENDMENT</u> 4G	<u>CITY</u> LAKELAND	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 142	<u>TDZE</u> 132	<u>SUPERSEDED</u> VOR RWY 9	<u>ORIGINAL/AMENDMENT</u> 4F	<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>
LLEGO/10.92 DME/RADAR	IF	AIRBS/4.92 DME/RADAR					095.65	6.00 (LAL R-276)	1400

MISSED APPROACH

MAP:

3.84 NM AFTER AIRBS/4.92 DME/RADAR OR AT HANAX 1.07 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 294 AND ON LAL VORTAC R-330 TO PLUMY INT/PIE 33.35 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT LLEGO
3. FAC: 095.65 FAF: AIRBS/4.92 DME/RADAR DIST FAF TO MAP: 3.84 DIST FAF TO THLD: 3.84
4. MIN ALT: LLEGO/10.92 DME/RADAR 2000, AIRBS/4.92 DME/RADAR 1400, UDATE/2.80 DME 700
8. MSA FROM: LAL VORTAC 080-310 2700, 310-080 2200

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.
CHART NOTE: CIRCLING RWY 28 NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-10 CAT C/D VISIBILITY TO 1 5/8 SM; INCREASE UDATE FIX MINIMUMS S-10 CAT C/D VISIBILITY TO RVR 6000.

QUALITY
16
CHECKED

ADDITIONAL FLIGHT DATA:

CHART PIE VORTAC R-067 AT PLUMY INT/PIE 33.35 DME.
HOLD NE, RT, 246.70 INBOUND.
CHART FAS OBST: 253 TOWER (12-162722) 280030N/0820311W.
CHART 385 STACK 275917N/0820450W.
CHART VDP AT 2.13 DME
DISTANCE VDP TO THLD 1.06 NM.
FAC CROSSES RWY C/L EXTENDED 2989 FT FROM THLD.
AIRBS TO RW10: 2.98/52.

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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-10	700	2400	568	700	2400	568	700	1 1/4	568	700	1 1/4	568			
CIRCLING	700	1	558	700	1	558	720	1 5/8	578	840	2 1/4	698			
UPDATE FIX MINIMUMS															
S-10	540	2400	408	540	2400	408	540	4000	408	540	4000	408			
CIRCLING	600	1	458	660	1	518	720	1 1/2	578	840	2 1/4	698			

CHANGES - REASONS

1. PROCEDURE NAME CHANGED FROM "VOR RWY 9" TO "VOR RWY 10" - UPDATED AIRPORT DATA.
2. MISSED APPROACH POINT CHANGED FROM "3.84 NM AFTER AIRBS/4.92 DME/RADAR OR AT HANAX 1.08 DME FIX" TO "3.84 NM AFTER AIRBS/4.92 DME/RADAR OR AT HANAX 1.07 DME" - LAL VORTAC SURVEY UPDATED.
3. ADDED CHART NOTE: CIRCLING RWY 28 NA AT NIGHT - 20:1 PENETRATIONS.
4. REMOVED ALL NOTES REFERENCING BACK-UP ALTIMETER SETTING - PRIMARY AWOS ON WMSCR, NOTES ADDED TO 8260-9 FOR CONTINGENCY USE.
5. UPDATED INOPERATIVE ALS NOTE FROM "FOR INOPERATIVE ALS, INCREASE S-9 CAT C/D VISIBILITY TO 1 5/8 SM; INCREASE UDATE FIX MINIMUMS S-9 CAT C/D VISIBILITY TO 1 3/4 SM" TO "FOR INOPERATIVE ALS, INCREASE S-10 CAT C/D VISIBILITY TO 1 5/8 SM; INCREASE UDATE FIX MINIMUMS S-10 CAT C/D VISIBILITY TO RVR 6000" - RUNWAY NUMBERING UPDATED AND ADDED RVR CAPABILITY.
6. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI TCH NOT COINCIDENT.
7. UPDATED VDA FROM "AIRBS TO RW09: 2.98/52" TO "AIRBS TO RW10: 2.98/52" - RUNWAY RENUMBERED.
8. CHANGED VDP FROM "CHART VDP AT 2.07 DME DISTANCE VDP TO THLD 0.99 NM" TO "CHART VDP AT 2.13 DME DISTANCE VDP TO THLD 1.06 NM" - UPDATED TCH.
9. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM "FAC CROSSES RWY C/L EXTENDED 3025 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 2989 FT FROM THLD" - RECALCULATED DISTANCE.
10. UPDATED FAS OBSTACLE FROM "CHART FAS OBST: 212 TREE 275928N/0820209W" TO "CHART FAS OBST: 253 TOWER (12-162722) 280030N/0820311W" - UPDATED OBSTACLE SURVEY.
11. UPDATED MINIMUMS FROM "S-09" TO "S-10" AND CAT A/B VISIBILITY FROM "1/2 SM" TO "RVR 2400" - RUNWAY NUMBERING UPDATED AND AIRPORT ADDED RVR EQUIPMENT.
12. UPDATED UDATE FIX MINIMUMS FROM "S-09 MDA/HAA 500/368 ALL CATS AND VISIBILITY CAT A/B 1/2 CAT C/D 3/4" TO "S-10 MDA/HAA 540/408 ALL CATS AND VISIBILITY CAT A/B RVR 2400, CAT C/D RVR 4000" - RUNWAY RENUMBERING, UPDATED OBSTACLE SURVEY AND ADDED RVR EQUIPMENT.
13. INCORPORATED CHANGES FROM P-NOTAMS INTO THE FORM.



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<u>COORDINATED WITH:</u>				
A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ <u>OTHER:</u> TAMPA APP CON, LAL ATCT, 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> 06/15/2022
<u>APPROVED BY</u> JOHNNIE BAKER			<u>OFFICE</u> AJV-A430	<u>DATE</u>
<i>Digitally signed by</i> ERIC N SUSKI Jul 01, 2022				<u>TITLE</u> MANAGER

