

**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>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
LCH	RNAV (GPS) RWY 33	2D	LAKE CHARLES	LA		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
15	11	RNAV (GPS) RWY 33	2C	10/08/2020	3E	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		12 JUNE 2025	ROUTINE			

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 242/30 CW 062/30	NOPT	SOTLE	IF/IAF	1900
2. 062/30 CW 242/30		062/20 CW 242/20		2600
3. 062/20 CW 242/20		SOTLE	IF/IAF	1900

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>
SOTLE	IF/IAF	JERIL		TF	FB	1.00	331.74	6.00	1900
JERIL	FAF	ATUYE/1.30 NM TO RW33		TF	FB	0.30	331.72	4.48	
ATUYE/1.30 NM TO RW33		RW33	MAP	TF	FO	0.30	331.72	1.30	
RW33	MAP	211 MSL		CA			331.72		
211 MSL		ZUKLA		DF	FO	1.00			1700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 DIRECT ZUKLA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE SOTLE, RT, 331.74 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 14000.														
3.	FAC:	331.72	FAF:	JERIL	DIST FAF TO MAP:	5.78	DIST FAF TO THLD:	5.78							
4.	MIN ALT:	SOTLE 1900, JERIL 1900, ATUYE/1.30 NM TO RW33 460													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.47	GS ANT:				
6.	MIN GP INCPT:	1900	GP ALT AT PFAF:	JERIL 1900			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	50.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 43°C.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 151.65 INBOUND.
CHART FAS OBST: 114 TREE 300639N/0931233W.
WAAS CHANNEL # 56215
REFERENCE PATH ID: W33A
CHART CIRCLING ICON.
LTP HAE: -24.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LPV DA	211	3/4	200	211	3/4	200	211	3/4	200	211	3/4	200			
LNAV/VNAV DA	296	3/4	285	296	3/4	285	296	3/4	285	296	3/4	285			
LNAV MDA	380	3/4	369	380	3/4	369	380	3/4	369	380	3/4	369			
CIRCLING	440	1	425	480	1	465	580	1 1/2	565	680	2	665			



CHANGES - REASONS

1. INCORPORATED ALL CHANGES FROM P-NOTAM 0/6070, 7/5989, AND 5/4313 - 8260.19J 8-3-4.C(3).
2. REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 54) - NEW TCH IS 50.4; 8260.19J 8-6-10.M; CLEARS T-NOTAM 4/6210.
3. MINIMUMS: CIRCLING CAT D VIS CHANGED FROM "2 1/4" TO "2" - 8260.3F TABLE 3-3-7; MATCH OTHER PROCEDURES.
4. ALTERNATE MINIMUMS: CHANGED FROM "STANDARD, EXCEPT CAT D 800 2 1/4. NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD" - REDUNDANT WEATHER SOURCES AT AIRPORT.
5. LINE 2: ADDED "MAX 14000" - 8260.19J 8-6-7.B(2).
6. LINE 4: REMOVED ASTERISK FROM "ATUYE/1.30 NM TO RW33 460" - NO LONGER REQUIRED BY CRITERIA.
7. LINE 5: ADDED "200 HAT: 0.47" - 8260.19J 8-6-7.E(3).
8. LINE 7: ADDED "20:1: IS CLEAR" - 8260.19J 8-6-7.G(3).
9. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19J 8-6-8.
10. NOTES: CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -3C (27F) OR ABOVE 43C (109F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 43°C" - 8260.19J 8-6-10.R.
11. NOTES: REMOVED "**LNAV ONLY" - NO LONGER REQUIRED BY CRITERIA.
12. NOTES: CHANGED FROM "FOR INOPERATIVE MALSF, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 AND LNAV ALL CATS VISIBILITY TO 1 MILE" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM" - 8260.19J 8-6-12.O(3).
13. NOTES: ADDED CHART NOTE: "INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS" - 8260.19J 8-6-12.O(3).
14. ADDITIONAL FLIGHT DATA: REMOVED "219 AAO 300053.98/0931100.60W" AND MOVED TO GENERAL REMARKS - 8260.19J 8-6-11.E(3).
15. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HATH: 0.47 NM" - NO LONGER REQUIRED BY CRITERIA.
16. ADDITIONAL FLIGHT DATA: REMOVED "CHART: ASR" - NO LONGER REQUIRED BY CRITERIA.
17. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM "-24 M" TO "-24.1 M" - UPDATED AIRNAV DATA.
18. CRC REMAINDER CHANGED FROM "DD768097" TO "8CFC6ECF" - LTP ELLIPSOIDAL HEIGHT CHANGED FROM "-00240" TO "-00241", FPAP LAT/LONG CHANGED FROM "300805.9700N/0931352.7800W" TO "300805.9685N/0931352.7955W", LTP ORTHOMETRIC HEIGHT CHANGED FROM "+00031" TO "+00030", FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+00031" TO "+00030".

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZHU, LCH APP CON, LCH ATCT, AMGR, ST. AV. DIR

FLIGHT CHECKED BY

RUSSELL ROSLEWSKI

Digitally signed by
DAVID DANNER
Apr 14, 2025

OFFICE

AJF

DATE

04/10/2025

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by
Timothy Johnson
Feb 28, 2025

OFFICE

AJV-A421

DATE

11/05/2024

APPROVED BY

DAVID DANNER

Digitally signed by
DAVID DANNER
Apr 14, 2025

OFFICE

AJV-A421

DATE

06/12/2025

TITLE

MANAGER



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 33

ORIGINAL/AMENDMENT
2D

CITY
LAKE CHARLES

STATE
LA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLCH
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	300645.2285N
LTP/FTP LONGITUDE	0931308.8735W
LTP/FTP ELLIPSOIDAL HEIGHT	-00241
FPAP LATITUDE	300805.9685N
FPAP LONGITUDE	0931352.7955W
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	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	8CFC6ECF
---------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00030
FPAP ORTHOMETRIC HEIGHT	+00030

QUALITY
34
CHECKED