

**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.

AIRPORT ID LCH	PROCEDURE NAME RNAV (GPS) RWY 5	ORIGINAL/AMENDMENT 1A	CITY LAKE CHARLES	STATE LA
AIRPORT ELEVATION 15	TDZE 13	SUPERSEDED RNAV (GPS) RWY 5	DATED 12/07/2017	MAG VAR 3E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2005
				CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 319/30 CW 089/30	NOPT	WINUP	IF/IAF	1700
2. 089/30 CW 139/30	NOPT	089/16 CW 139/16		2400
3. 089/16 CW 139/16		WINUP	IF/IAF	1700
4. 139/30 CW 319/30		WINUP	IF/IAF	2600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WINUP	IF/IAF	OSOLA		TF	FB	1.00	048.82	5.97	1700
OSOLA	FAF	CELOM/3.40 NM TO RW05		TF	FB	0.30	048.87	1.76	
CELOM/3.40 NM TO RW05		RW05	MAP	TF	FO	0.30	048.87	3.40	
RW05	MAP	360 MSL		CA			048.87		
360 MSL		COMTO		DF	FO	1.00			1900

MISSED APPROACH

MAP:

LP: RW05
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 DIRECT COMTO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- | | | | | | |
|---|---------------------------|-----------------------|------------------------------|-------------------------------|-----------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD SW WINUP, RT, 048.82 INBOUND, 1700 IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 048.87 | FAF: OSOLA | | DIST FAF TO MAP: 5.15 | DIST FAF TO THLD: 5.15 | |
| 4. MIN ALT: WINUP 1700, OSOLA 1700, CELOM/3.40 NM TO RW05 1140 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | GS ANT: | |
| 6. MIN GP INCPT: | GP ALT AT FAF: | | TCH: | OM: | MM: IM: |
| 7. GP ANGLE: | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | | | |
| 8. MSA FROM: | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

OSOLO TO RW05: 3.00/48.8
 HOLD NE, RT, 228.98 INBOUND.
 CHART FAS OBST: 114 POLE (22-070615) 300632N/0931635W.
 FAS OBST: 110 TREE 300739N/0931342W.
 CHART VDP AT 0.94 NM TO RW05.
 WAAS CHANNEL # 69440
 REFERENCE PATH ID: W05A
 LTP HAE: -24 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
LP MDA	360	1	347	360	1	347	360	1	347	360	1	347			
LNAV MDA	380	1	367	380	1	367	380	1	367	380	1	367			
CIRCLING	440	1	425	480	1	465	580	1 1/2	565	680	2	665			



CHANGES - REASONS

1. INCORPORATED NOTAM 4/1922
2. TDZE: CHANGED FROM 14 TO 13 - NEW AIRPORT SURVEY.
3. TERMINAL ROUTES: SEGMENTS OSOLA TO CELOM AND CELOM TO RW05: COURSE CHANGED FROM "048.86" TO "048.87" - OPTIMAL COURSE.
4. TERMINAL ROUTES: SEGMENT RW05 TO 360 MSL: CHANGED FROM "RW05 TO 340 MSL/048.86" TO "RW05 TO 360 MSL/048.87" - OPTIMAL COUSE AND NEW MDA/CONTROLLING OBSTACLE.
5. TERMINAL ROUTES: SEGMENT 360 MSL TO COMTO: CHANGED FROM "340 MSL" TO "360 MSL" - NEW MDA/CONTROLLING OBSTACLE.
6. MINIMA: INCREASED LP MDA/HAT FROM 340/326 TO 360/347 - NEW FINAL OBSTACLE, CANCELS NOTAM FDC 4/9122.
7. MINIMA: INCREASED LNAV HAT FROM 366 TO 367 - NEW AIRPORT SURVEY CHANGED TDZE FROM 14 TO 13.
8. PROFILE LINE 3: CHANGED FAC FROM 048.86 TO 048.87 - OPTIMAL COURSE.
9. PROFILE LINE 3: DIST FAF TO MAP AND FAF TO THLD CHANGED FROM 5.16 TO 5.15 - ROUNDING UPDATED WITH NEW SOFTWARE EVALUATION.
10. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19K PARA 8-6-7 (G)(3)(A).
11. PBN REQUIREMENTS NOTE: REMOVED "CHART NOTE: DME/DME RNP0.3 NA" AND ADDED PBN REQUIREMENTS NOTE: "RNP APCH - GPS" - IAW 8260.19K PARA 8-6-8 (D)(5)(A)(1).
12. NOTES: REMOVED CHART CIRCLING ICON NOTE - NO LONGER REQUIRED.
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART: ASR" - NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: CHANGED LTP HAE FROM ""-24.1" TO "-24" - NEW AIRPORT SURVEY/LTP MOVED.
15. ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM "CHART VDP AT 0.88 NM TO RW05" TO "CHART VDP AT 0.94 NM TO RW05" - CHANGING THE MDA CHANGED THE VDP.
16. ADDITIONAL FLIGHT DATA: CHANGED FAS NOTES FROM "CHART FAS OBST: 87 TREE 300729N/0931402W" AND "CHART FAS OBST: 114 TREE 300815N/0931400W" TO "CHART FAS OBST: 114 POLE (22-070615) 300632N/0931635W" AND "FAS OBST: 110 TREE 300739N/0931342W" - NEW CONTROLLING OBSTACLES.
17. FAS DATA BLOCK: CRC REMAINDER CHANGED FROM 0007BCFC TO D6A667D5- LTP/FTP LAT/LONG CHANGED FROM 300742.5985N/0931347.0805W TO 300742.5965N/0931347.0790W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM -00241 TO -00240, FPAP LAT/LONG CHANGED FROM 300837.6960N/0931226.2100W TO 300837.6920N/093122

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

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

FLIGHT CHECKED BY

Digitally signed by

CASEY D HILL

JORDAN ROLIH

Jan 09, 2026

OFFICE

AJF

DATE

01/07/2026

DEVELOPED BY

ALLAN WILL (STEVEN SHEDD)

Digitally signed by

CASEY D HILL

Jan 09, 2026

OFFICE

AJV-A33

DATE

10/02/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

CASEY D HILL

Jan 09, 2026

OFFICE

AJV-A33

DATE

TITLE
MANAGER



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 5

ORIGINAL/AMENDMENT
1A

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	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	300742.5965N
LTP/FTP LONGITUDE	0931347.0790W
LTP/FTP ELLIPSOIDAL HEIGHT	-00240
FPAP LATITUDE	300837.6920N
FPAP LONGITUDE	0931226.2065W
THRESHOLD CROSSING HEIGHT (TCH)	00048.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0

CRC REMAINDER D6A667D5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00031
FPAP ORTHOMETRIC HEIGHT	+00031



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 5

AMDT NO.
1A

CITY
LAKE CHARLES

STATE
LA

AIRPORT ELEVATION
15

FACILITY
RNAV

STRAIGHT-IN AREA

FROM
089/16 CW 139/16

TO
WINUP

RNP DISTANCE PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (22-002273)	300556.00N/0932834.00W	520	500	50	5D	1000				AT100	1700
TERRAIN	301103.00N/0933403.00W	32 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
139/30 CW 319/30

TO
WINUP

RNP DISTANCE PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (22-000809)	302347.00N/0930004.00W	1549	50	50	2D	1000					2600
TERRAIN	302954.00N/0933039.00W	98 (100)								AS1500	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 5

AMDT NO.
1A

CITY
LAKE CHARLES

STATE
LA

AIRPORT ELEVATION
15

FACILITY
RNAV

INTERMEDIATE

FROM
WINUP (IF/IAF)

TO
OSOLA

RNP
1.00

DISTANCE
5.97

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (22-001698)	300017.00N/0932445.00W	410	100	20	3C	500				AT790	1700
TERRAIN	300330.00N/0932012.00W	36 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP

FROM
OSOLA

TO
CELOM/3.40 NM TO RW05

RNP
0.30

DISTANCE
1.76

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (22-000775)	300521.00N/0931739.00W	230	250	50	4D	250				AC50 DG610	1140

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 5

AMDT NO.
1A

CITY
LAKE CHARLES

STATE
LA

AIRPORT ELEVATION
15

FACILITY
RNAV

FINAL: LP STEPDOWN

FROM
CELOM/3.40 NM TO RW05

TO
RW05

RNP
0.30

DISTANCE
3.40

PAT

MAP
RW05

HAT
347

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	300739.00N/0931342.00W	110	215	8	4B	250					360

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
OSOLA

TO
CELOM/3.40 NM TO RW05

RNP
0.30

DISTANCE
1.76

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-000775)	300521.00N/0931739.00W	230	250	50	4D	250				AC50 DG610	1140

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
CELOM/3.40 NM TO RW05

TO
RW05

RNP
0.30

DISTANCE
3.40

PAT

MAP
RW05

HAT
367

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (22-070615)	300631.86N/0931634.57W	114	20	3	1A	250					380

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DIST/

SEGMENT REMARKS:



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 5

AMDT NO.
1A

CITY
LAKE CHARLES

STATE
LA

AIRPORT ELEVATION
15

FACILITY
RNAV

MISSED APPROACH: LNAV

FROM RW05 **TO** COMTO

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
280

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1900
TOWER (22-000732)	301420.80N/0930443.50W	541	250	50	4D	1000					1600
TERRAIN	301451.00N/0930551.00W	29 (0)								AS1500	1500

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (22-001668)	300812.00N/0931242.00W	1.30	425	130	50	10	2B	300			440
CATEGORY B											
TOWER (22-003368)	300837.20N/0931509.84W	1.81	465	180	50	20	2C	300			480
CATEGORY C											
TOWER (22-003184)	300755.89N/0931556.48W	2.84	565	263	20	3	1A	300			580
CATEGORY D											
TOWER (22-003052)	300401.00N/0931458.00W	3.70	665	365	50	3	2A	300			680

CIRCLING REMARKS:

MSA/ESA

CENTER **RADIUS**

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH



AIRPORT ID
LCH

PROCEDURE NAME
RNAV (GPS) RWY 5

AMDT NO.
1A

CITY
LAKE CHARLES

STATE
LA

AIRPORT ELEVATION
15

FACILITY
RNAV

ZHU ARTCC, LCH TOWER, LCH APP CON

WX SERVICE
ASOS

LOCATION
LCH

HRS OPERATION
24

ALTIMETER SOURCE
LCH

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE

LOCATION

HRS OPERATION

ALTIMETER SOURCE

DISTANCE

WMSCR

ADJUSTMENTS

WX REMARKS:

KLCH ASOS ON WMSCR; REDUNDANT WEATHER SOURCES AVAILABLE, BACK-UP ALTIMETER NOT REQUIRED.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW05 - REIL, MIRL (PCL), PAPI-4L	NPI-F	
RW23 - REIL, MIRL (PCL), VASI-4L	NPI-F	
RW15 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	APPROACH, MIDPOINT
RW33 - MALSF (PCL), HIRL (PCL), PAPI-4R	PIR-G	MIDPOINT

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.00

51.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LP, LNAV
34:1	
87 TREE (22-022268) 300729.0300N/0931400.9300W (29.76)	87 TREE (22-023238) 300729.0700N/0931402.2600W (27.13)
58 TREE (22-071016) 300736.4000N/0931359.5000W (17.18)	79 TREE (22-023239) 300727.6700N/0931402.3500W (16.38)
46 TREE (22-070886) 300738.5700N/0931357.1800W (13.87)	42 TREE (22-070814) 300738.8100N/0931356.5400W (11.62)
59 TREE (22-070715) 300736.2300N/0931403.1800W (10.39)	53 TREE (22-070942) 300736.8500N/0931400.8500W (10.26)
68 TREE (22-022471) 300730.7100N/0931403.1400W (9.35)	63 TREE (22-070756) 300732.5600N/0931403.1500W (7.72)
62 TREE (22-070745) 300729.0700N/0931359.5200W (7.7)	60 TREE (22-070612) 300734.1300N/0931403.2000W (7.5)
48 TREE (22-070936) 300737.1000N/0931401.7200W (3.95)	41 TREE (22-070531) 300736.0600N/0931358.0600W (2.48)



AIRPORT ID
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AIRPORT ELEVATION
15

FACILITY
RNAV

39 TREE (22-071057) 300736.2600N/0931357.4400W (2.11)

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

LPV, LNAV/VNAV MINIMUMS NOT DEVELOPED DUE TO VGS PENETRATIONS.

VEGETATION HEIGHT OF 100 FT UTILIZED PER FPT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 214 AAO 300536N/0931651W AND 114 TREE 300536N/0931651W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.82
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	51.87
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.75
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	51.87
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN) 300742.60N/0931347.08W
ARP COORDINATES 300733.94N/0931324.29W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 33 DISTANCE 0.84 NM
FAF COORDINATES 300431.27N/0931827.55W
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ALLAN WILL (STEVEN SHEDD)	AJV-A33	10/02/2025	AERONAUTICAL INFORMATION SPECIALIST

