

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
LCH	VOR-A	15A	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SUPERSEDED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		VOR-A	15	01/25/2024	7E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	ROUTINE	
LCH						

**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>
HAYES INT/10.00 DME	IF/IAF	LCH VORTAC	NOPT				259.62	10.00	1700

**MISSED APPROACH**

**MAP:**

5.68 NM AFTER LCH VORTAC OR AT 5.68 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT LCH VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L SIDE OF COURSE 069.37 OUTBOUND 1700 FT WITHIN 10 MILES OF LCH VORTAC (IAF)
- 2.
3. FAC: 249.37 FAF: LCH VORTAC DIST FAF TO MAP: 5.68 DIST FAF TO THLD:
4. MIN ALT: LCH VORTAC 1700
8. MSA FROM: LCH VORTAC 2600

**ADDITIONAL FLIGHT DATA:**

FAC CROSSES 1828 R OF RWY 33 THLD.  
CHART KCWF IN PLANVIEW.  
CHART: LCH R-080  
HOLD W, RT, 069.00 INBOUND.  
FAS OBST: 210 AAO 300820N/0930734W.  
CHART CIRCLING ICON.



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
CIRCLING	460	1	445	480	1	465	580	1 1/2	565	680	2	665			

CHANGES - REASONS  
1. ADDITIONAL FLIGHT DATA: ADDED CHART: LCH R-080 - ATC REQUEST.  
2. ADDITIONAL FLIGHT DATA: REMOVED "215 AAO 300839N/0930631W." - 8260.19J 8-6-11 E (2)

COORDINATED WITH:  
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☒ NBAA ☒ OTHER: ZHU, LCH ATCT, AMGR, ST. AV. DIR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

JOHN BORDY

Nov 21, 2024

OFFICE

AJV-33

DATE

07/29/2024

DEVELOPED BY

JOHN BORDY (COLE NESBITT)

Digitally signed by

JOHN BORDY

Nov 21, 2024

OFFICE

AJV-33

DATE

11/21/2024

TITLE

MANAGER



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
LCH	VOR-A	15A	LAKE CHARLES	LA	15	LCH

**PART A: OBSTRUCTION DATA SEGMENTS**

**INTERMEDIATE**

**FROM**  
HAYES INT/10.00 DME (IF/IAF)

**TO**  
LCH VORTAC

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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 (22-003177)	301049.00N/0930153.00W	673	500	50	5D	500				AT527	1700
TERRAIN	300927.00N/0930636.00W	26 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL**

**FROM**  
LCH VORTAC

**TO**  
5.68 NM AFTER LCH VORTAC OR AT 5.68 DME

<u>RNP</u>	<u>DISTANCE</u> 5.68	<u>PAT</u>	<u>MAP</u> 5.68 NM AFTER LCH VORTAC OR AT 5.68 DME			<u>HAT</u>	<u>HMAS</u>				
<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>
AAO	300819.88N/0930734.45W	210	50	20	2C	250					460

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



PROCEDURE TURN

FROM

LCH VORTAC

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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 (22-003177)	301049.00N/0930153.00W	673	500	50	5D	1000					1700
TERRAIN	301448.00N/0924918.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

5.68 NM AFTER LCH VORTAC OR AT 5.68 DME

TO

LCH VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 430			
<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>
							ASC				3000
TOWER (22-001195)	300653.75N/0931732.55W	363	250	50	4D	1000					1400
TERRAIN	300918.00N/0931115.00W	26 (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	445	130	50	10	2B	300		SI	460
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

CENTER

LCH VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (22-000809)	302347.00N/0930004.00W	013	16.2	1549	50	50	2D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZHU ARTCC, LCH TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	LCH	24	LCH	0.23	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

REDUNDANT WEATHER SOURCES AVAILABLE AT AIRPORT, BACK-UP ALTIMETER NOT REQUIRED.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
LCH VORTAC	OCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW05 - MIRL (PCL), REIL, PAPI-4L	NPI-F	
RW23 - MIRL (PCL), REIL, 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
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:



PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL IS CIRCLING ONLY.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
FAC CROSSES 1828' NORTH OF APPROACH END RWY 33.  
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	MAP	TO 1000FT POINT	3.35
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.23
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	256.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	MAP	TO 1500FT POINT	5.28
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.04
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	256.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	300733.94N/0931324.29W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 33 DISTANCE 0.84 NM
FAF COORDINATES	300829.45N/0930620.05W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOHN BORDY (COLE NESBITT)	AJV-33	07/29/2024	AERONAUTICAL INFORMATION SPECIALIST

