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	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
15	11	RNAV (GPS) RWY 15	1C	10/08/2020	3E	2005

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 062/30 CW 114/30	NOPT	062/11 CW 114/11		2400
2. 062/11 CW 114/11		ZUKLA	IF/IAF	1700
3. 114/30 CW 204/30	NOPT	ZUKLA	IF/IAF	1700
4. 204/30 CW 242/30	NOPT	204/15 CW 242/15		2600
5. 204/15 CW 242/15		ZUKLA	IF/IAF	1700
6. 242/30 CW 062/30		242/15 CW 062/15		2600
7. 242/15 CW 062/15		ZUKLA	IF/IAF	1700

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZUKLA	IF/IAF	FIDGA		TF	FB	1.00	151.65	6.00	1500
FIDGA	FAF	RW15	MAP	TF	FO	0.30	151.67	4.50	
RW15	MAP	211 MSL		CA			151.67		
211 MSL		SOTLE		DF	FO	1.00			1900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 DIRECT SOTLE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 34 CHECKED

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD NW ZUKLA, RT, 151.65 INBOUND, 1700 FT. IN LIEU OF PT (IAF), MAX 17500.
3. **FAC:** 151.67 **FAF:** FIDGA **DIST FAF TO MAP:** 4.50 **DIST FAF TO THLD:** 4.50
4. **MIN ALT:** ZUKLA 1700, FIDGA 1500
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.45 **GS ANT:**
6. **MIN GP INCPT:** 1500 **GP ALT AT PFAF:** FIDGA 1500 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 54.8
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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C AND D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 331.74 INBOUND.
CHART FAS OBST: 238 TOWER (22-003229) 301147N/0931510W.
CHART VDP AT 1.31 NM TO RW15.
WAAS CHANNEL # 65629
REFERENCE PATH ID: W15A
CHART CIRCLING ICON.
LTP HAE: -23.7 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	2400	200	211	2400	200	211	2400	200	211	2400	200			
LNAV/VNAV DA	300	2400	289	300	2400	289	300	2400	289	300	2400	289			
LNAV MDA	500	2400	489	500	2400	489	500	5000	489	500	5000	489			
CIRCLING	500	1	485	500	1	485	580	1 1/2	565	680	2	665			

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA

CHANGES - REASONS

1. INCORPORATED ALL CHANGES FROM P-NOTAM 0/6069, 8/4569, AND 5/1314 - 8260.19J 8-3-4.C(3).
2. TDZE CHANGED FROM "12" TO "11" - UPDATED AIRNAV DATA.
3. CHANGED LINE OF MINIMA FROM "LPV DA" TO "LPV DA *" - CLEARS T-NOTAM 5/0913; 8260.19J 8-6-12.K
4. MINIMUMS: LPV DA CHANGED FROM "212" TO "211" - TDZE CHANGED FROM 12 TO 11.
5. MINIMUMS: LNAV/VNAV DA CHANGED FROM "301" TO "300" - TDZE CHANGED FROM 12 TO 11.
6. MINIMUMS: LNAV HAT CHANGED FROM "488" TO "489" - TDZE CHANGED FROM 12 TO 11.
7. MINIMUMS: CIRCLING CAT D VIS CHANGED FROM "2 1/4" TO "2" - 8260.3F TABLE 3-3-7; MATCH OTHER PROCEDURES.
8. 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.
9. LINE 2: ADDED "MAX 17500" - 8260.19J 8-6-7.B(2).
10. LINE 5: ADDED "200 HAT: 0.45" - 8260.19J 8-6-7.E(3).
11. LINE 7: ADDED "20:1: IS CLEAR" - 8260.19J 8-6-7.G(3).
12. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19J 8-6-8.
13. 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, PROCEDURE NA BELOW -3°C OR ABOVE 43°C" - 8260.19J 8-6-10.R.
14. NOTES: UPDATED CHART PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - 8260.19J 8-6-10.M.
15. NOTES: REMOVED CHART NOTE: "*LNAV ONLY" - NO LONGER REQUIRED BY CRITERIA.
16. NOTES: CHART NOTE CHANGED FROM "FOR INOPERATIVE MALSR, INCREASE LNAV-VNAV ALL CATS VISIBILITY TO 7/8 AND LNAV CATS C AND D TO 1 318 MILE" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C AND D VISIBILITY TO 1 3/8 SM" - 8260.19J 8-6-12.O(3).
17. ADDITIONAL FLIGHT DATA: ADDED OBSTACLE ID "(22-003229)" TO FAS OBST - 8260.19J 8-6-11.C.
18. ADDITIONAL FLIGHT DATA: REMOVED ASTERISK FROM "CHART VDP AT 1.31 MILES TO RW15" AND "*LNAV ONLY" - NO LONGER REQUIRED BY CRITERIA.
19. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HATH: 0.45 NM" - NO LONGER REQUIRED BY CRITERIA.
20. ADDITIONAL FLIGHT DATA: REMOVED "CHART: ASR" - NO LONGER REQUIRED BY CRITERIA.
21. CRC REMAINDER CHANGED FROM "B6B9462A" TO "4083C369" - LTP LAT/LONG CHANGED FROM "300743.3955N/0931340.5135W" TO "300743.3960N/0931340.5140W", FPAP LAT/LONG CHANGED FROM "300622.6600N/0931256.5900W" TO "300622.6545N/0931256.5975W", LTP ORTHOMETRIC HEIGHT CHANGED FROM "+00035" TO "+00034", FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+00035" TO "+00034".

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZHU, LCH ATCT, AMGR, ST. AV. DIR

FLIGHT CHECKED BY	*Digitally signed by* ***DAVID DANNER*** Apr 14, 2025	**OFFICE**	**DATE**	
RUSSELL ROSLEWSKI		AJF	04/10/2025	
DEVELOPED BY	*Digitally signed by* ***Timothy Johnson*** Feb 28, 2025	**OFFICE**	**DATE**	
TIMOTHY JOHNSON		AJV-A421	11/04/2024	
APPROVED BY	*Digitally signed by* ***DAVID DANNER*** Apr 14, 2025	**OFFICE**	**DATE**	**TITLE**
DAVID DANNER		AJV-A421	06/12/2025	MANAGER

QUALITY 34 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLCH
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	300743.3960N
LTP/FTP LONGITUDE	0931340.5140W
LTP/FTP ELLIPSOIDAL HEIGHT	-00237
FPAP LATITUDE	300622.6545N
FPAP LONGITUDE	0931256.5975W
THRESHOLD CROSSING HEIGHT (TCH)	00054.8
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	4083C369

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00034
FPAP ORTHOMETRIC HEIGHT	+00034

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
062/30 CW 114/30

TO
062/11 CW 114/11

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-001983)	301727.00N/0933436.00W	1349	500	50	5D	1000					2400
TERRAIN	303039.00N/0935133.00W	109 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
062/11 CW 114/11

TO
ZUKLA

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-002426)	302929.38N/0932614.96W	546	250	50	4D	1000					1600
TERRAIN	303930.00N/0930824.00W	204 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

STRAIGHT-IN AREA

FROM	TO
114/30 CW 204/30	ZUKLA

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-002426)	302929.38N/0932614.96W	546	250	50	4D	1000					1600
TERRAIN	303930.00N/0930824.00W	204 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM	TO
204/30 CW 242/30	204/15 CW 242/15

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-000809)	302347.00N/0930004.00W	1549	50	50	2D	1000					2600
TERRAIN	303930.00N/0930824.00W	204 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

STRAIGHT-IN AREA

FROM	TO
204/15 CW 242/15	ZUKLA

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-002426)	302929.38N/0932614.96W	546	250	50	4D	1000					1600
TERRAIN	303930.00N/0930824.00W	204 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM	TO
242/30 CW 062/30	242/15 CW 062/15

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-000809)	302347.00N/0930004.00W	1549	50	50	2D	1000					2600
TERRAIN	302851.00N/0924700.00W	50 (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	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

STRAIGHT-IN AREA

FROM	TO
242/15 CW 062/15	ZUKLA

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-003177)	301049.00N/0930153.00W	673	500	50	5D	1000					1700
TERRAIN	301857.00N/0931242.00W	33 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
ZUKLA (IF/IAF)	FIDGA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-003262)	301325.00N/0931837.00W	595	500	50	5D	500				AC50	1200
TERRAIN	301636.60N/0931824.60W	22 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

FINAL: LPV

FROM	TO
FIDGA	RW15

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.50		DA	200	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				211

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM	TO
FIDGA	RW15

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.50		DA	289	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	300817.65N/0931340.37W	119	50	20	2C		22.2:1			AC20	300

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
FIDGA	RW15

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.50		RW15	489	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-003229)	301146.51N/0931509.59W	238	50	20	2C	250					500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

HOLD-IN-LIEU OF PT

FROM	TO
ZUKLA	P-4

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-4			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (22-003262)	301325.00N/0931837.00W	595	500	50	5D	1000				AT105	1700
TERRAIN	302524.00N/0932424.00W	83 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM	TO
DA	SOTLE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					43

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1900
T-L TWR (22-000701)	295614.00N/0930650.00W	255	500	50	5D	1000				AC50	1400
TERRAIN	300136.00N/0930733.00W	17 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

MISSED APPROACH: LNAV/VNAV

FROM	TO
DA	SOTLE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					139

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1900
T-L TWR (22-000701)	295614.00N/0930650.00W	255	500	50	5D	1000				AC50	1400
TERRAIN	300136.00N/0930733.00W	17 (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: LNAV

FROM	TO
RW15	SOTLE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					400

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1900
T-L TWR (22-000701)	295614.00N/0930650.00W	255	500	50	5D	1000				AC50	1400
TERRAIN	300136.00N/0930733.00W	17 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

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	485	130	20	10	1B	300		SI	500
CATEGORY B											
TOWER (22-003368)	300837.20N/0931509.84W	1.81	485	180	50	20	2C	300		SI	500
CATEGORY C											
TOWER (22-003184)	300755.83N/0931556.22W	2.84	565	262	50	20	2C	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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LCH	RNAV (GPS) RWY 15	1D	LAKE CHARLES	LA	15	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZHU ARTCC, LCH APP CON

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:

BACKUP ALTIMETER NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES (NWS) AT AIRPORT.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW05 - MIRL (PCL), REIL, 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	11.2	54.8			3.00	69.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-3C	+43C	-3C	+14.97C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2006-2010).

"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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION HEIGHT USED PER CENTRAL FPT.

ISA DEVIATION USED: -3C.
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**	2.93
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	154.67
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	0
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.50
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	2.13
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	154.67
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	0

THRESHOLD COORDINATES (IF STR-IN)	300743.40N/0931340.51W
ARP COORDINATES	300733.94N/0931324.29W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 33 DISTANCE 0.84 NM
FAF COORDINATES	301148.18N/0931553.78W
FIX NAME COORDINATES	

REMARKS

TAA: IF/IAF ZUKLA 301714.31N/0931851.67W. 30 NM RADIUS.

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TIMOTHY JOHNSON	AJV-A421	11/04/2024	AERONAUTICAL INFORMATION SPECIALIST