Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 11/29/2010	Task #: 201011292062530 1001	Request #: 20101129206253
Procedure: ILS OR LOC RWY 15 AMDT 21		Airport ID: KLCH	**Airport:** LAKE CHARLES RGNL		Reimbursable #:
City: LAKE CHARLES	**ST:** LA	**GPS #:**		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID: LCH	**Fac. Type:** ILS		**Specialist:** PABLO ORTIZ		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	10/12/2011	03/07/2012	LONNIE EVERHART	
QA:	03/07/2012	03/07/2012	DAVID PUGLISI	
Liaison:	03/07/2012		Terrell	

Procedure Comments:

Remark Type: INFORMATION

pkg 3.f3

LAKE CHARLES, LA LAKE CHARLES RGNL (KLCH) ILS OR LOC RWY 15, AMDT 21 ENROUTE-NO FC: 6.12.12 PUB: 7.26.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CFCBZ, ORIG; KEYLI (LC) LOM, REV 5; LAKE CHARLES (LCH) VTAC, REV 18; LYNCH-INT, REV 7; STRUT-INT, REV 9.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

ILS or LOC RWY 15

LAKE CHARLES RGNL (LCH)

LOC/DME I-LCH	APP CRS	Rwy Idg	6500
109.1	152°	THRE	11
Chan 28		Apt Elev	15

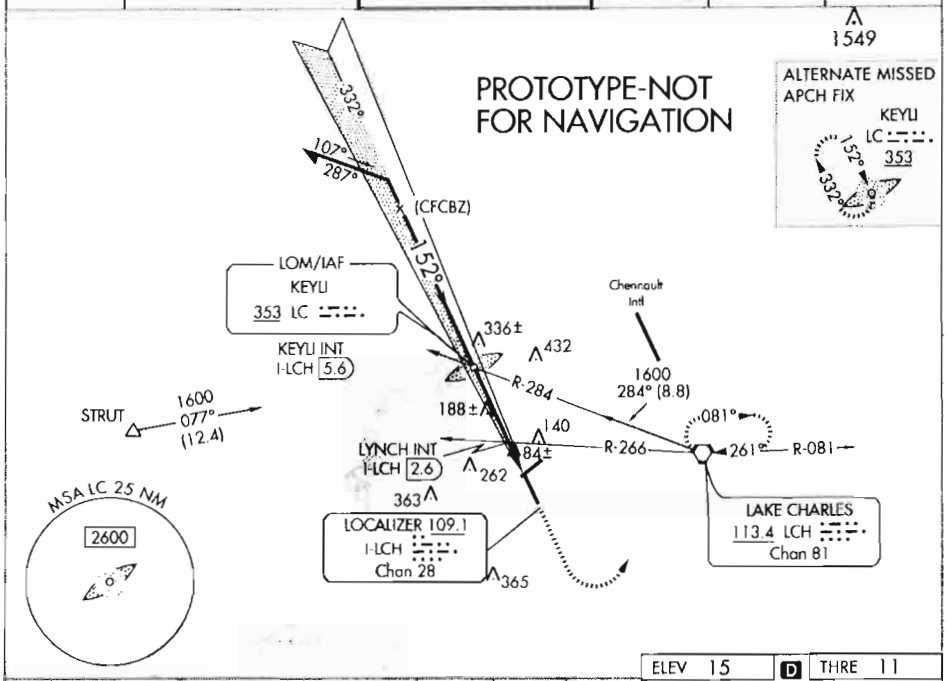
** RVR 1800 authorized with use of FD or AP or HUD to DA. When VGSI inop, Circling Rwy 5 NA at night. For inop MALSR, increase LYNCH fix minimums S-LOC 15 Cats C and D visibility to 1⅜ mile.

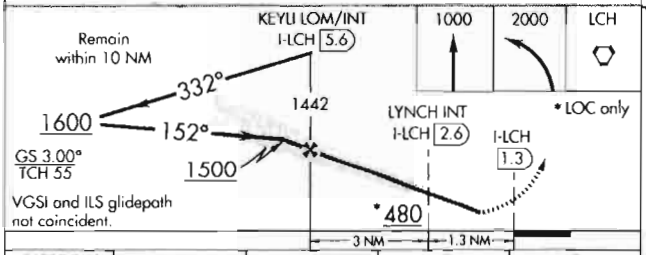
ASR

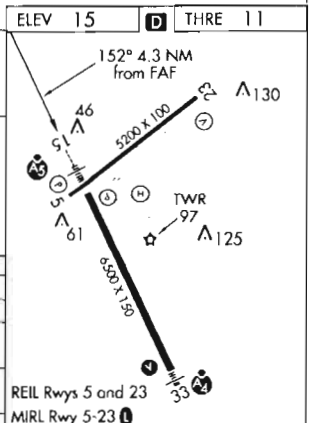
MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct LCH VORTAC and hold.

ATIS	LAKE CHARLES APP CON*	LAKE CHARLES TOWER*	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) 257.8	121.8	126.25	122.95

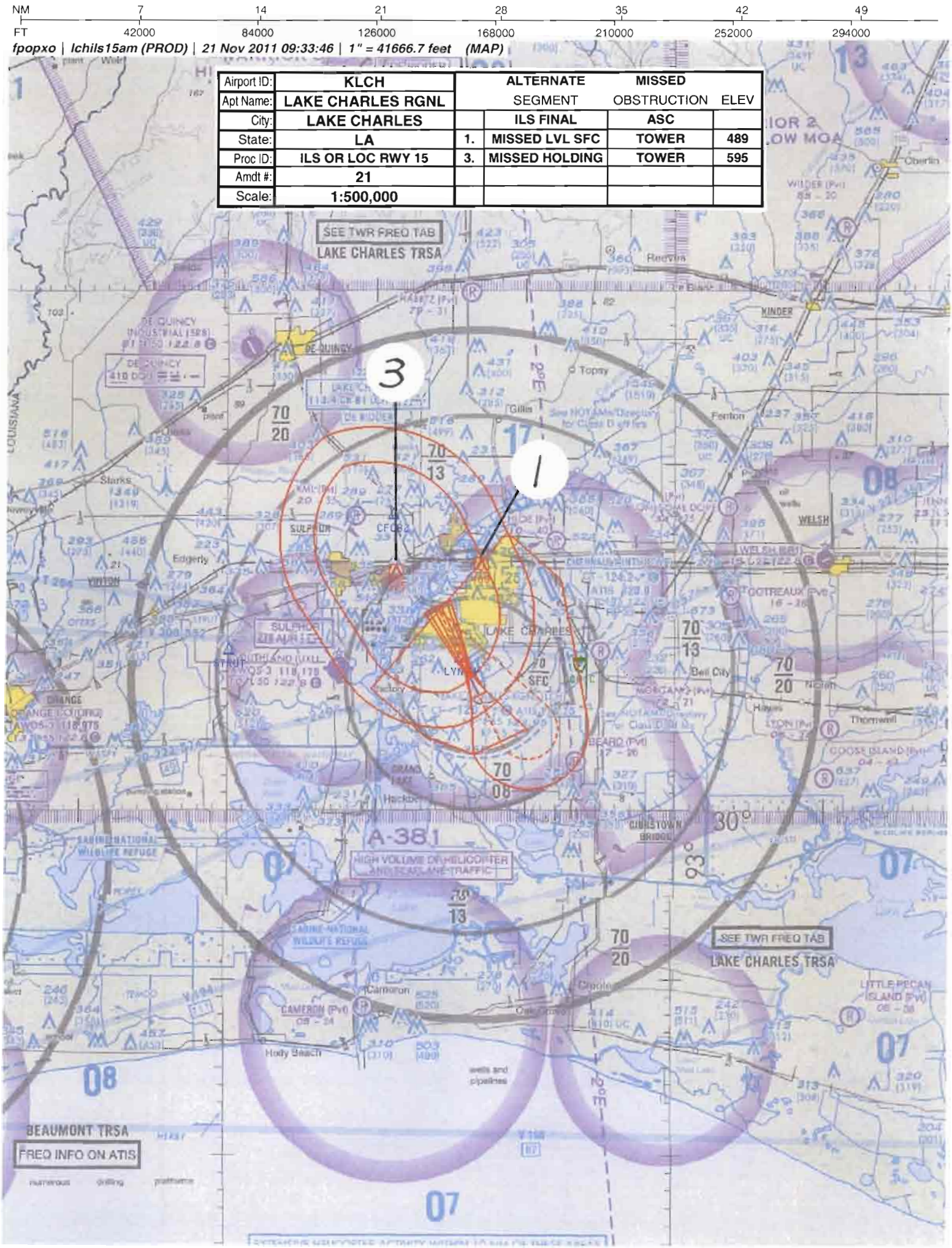






CATEGORY	A	B	C	D
S-ILS 15	**211/24 200 (200-½)			
S-LOC 15	480/24 469 (500-½)		480/50	469 (500-1)
CIRCLING	480-1 465 (500-1)		480-1½ 465 (500-1½)	580-2 565 (600-2)
LYNCH FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 15	340/24 329 (400-½)		340/26	329 (400-⅜)
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

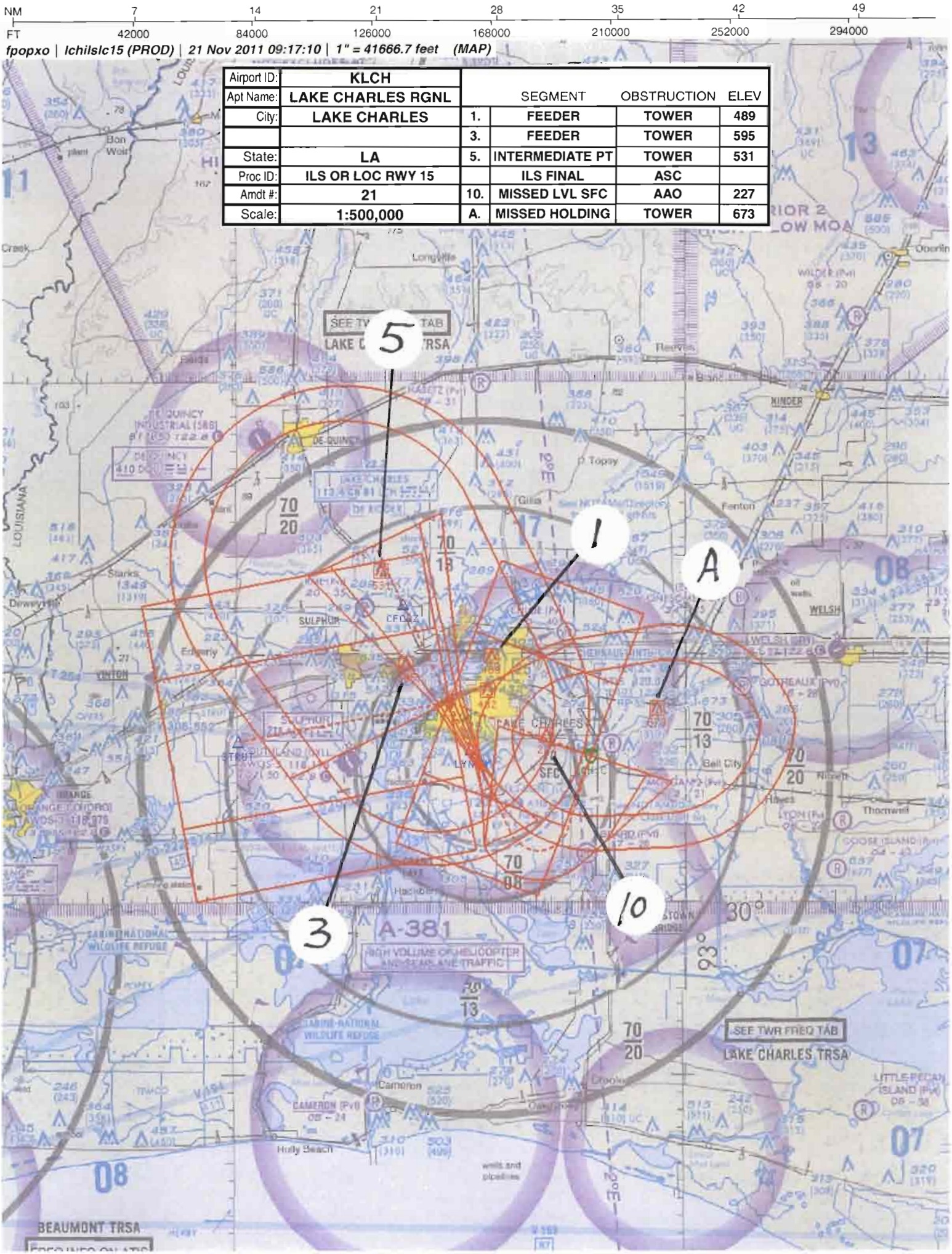

NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpopxo | lchils15am (PROD) | 21 Nov 2011 09:33:46 | 1" = 41666.7 feet (MAP)
Airport ID: KLCH
Apt Name: LAKE CHARLES RGNL
City: LAKE CHARLES
State: LA
Proc ID: ILS OR LOC RWY 15
Amdt #: 21
Scale: 1:500,000
ALTERNATE MINIMUMS
SEGMENT
ILS FINAL
1. MISSED LVL SFC
3. MISSED HOLDING
OBSTRUCTION
ASC
TOWER
TOWER
ELEV
489
595
SEE TWR FREQ TAB
LAKE CHARLES TRSA
3
1
SEE TWR FREQ TAB
LAKE CHARLES TRSA
BEAUMONT TRSA
FREQ INFO ON ATIS

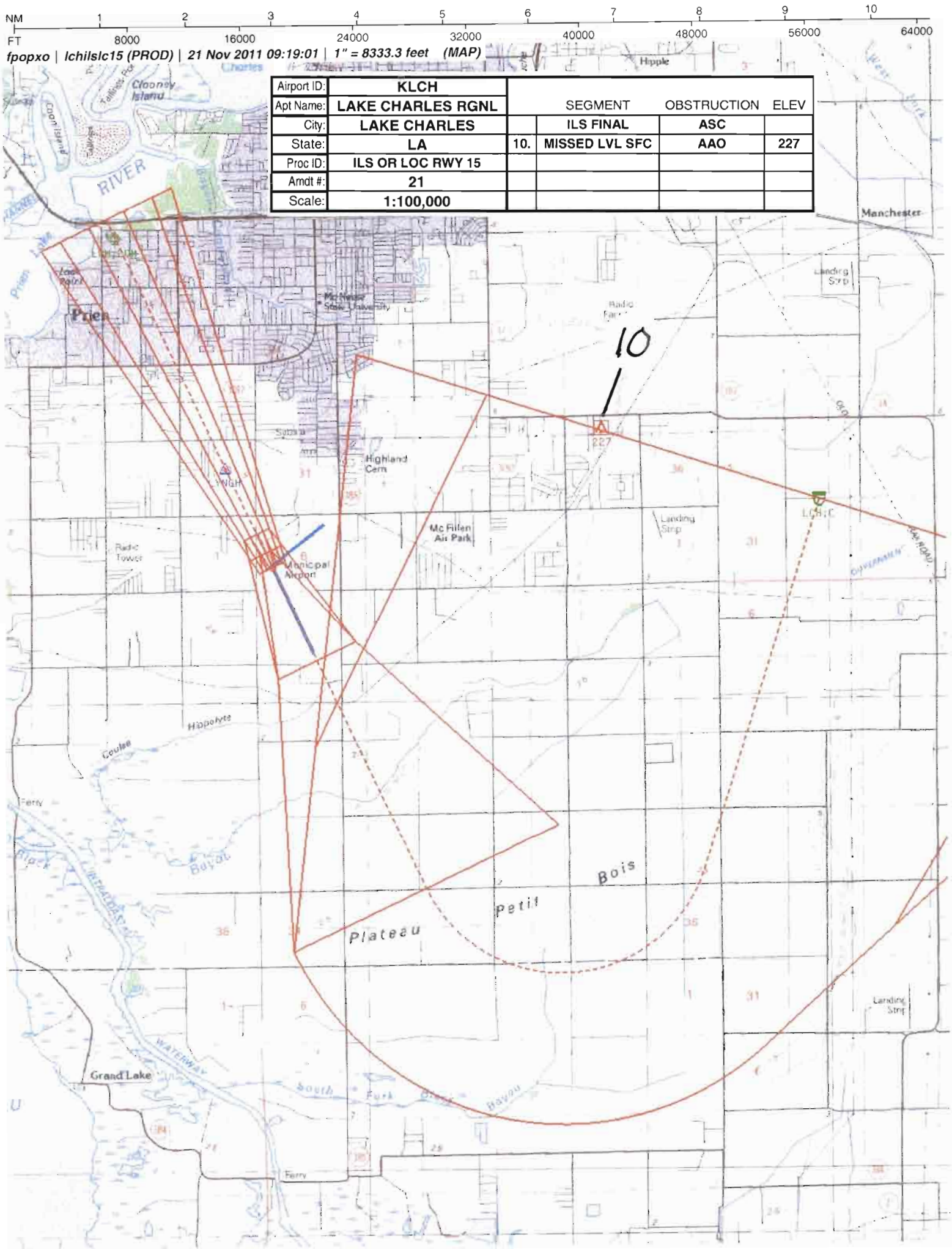
NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

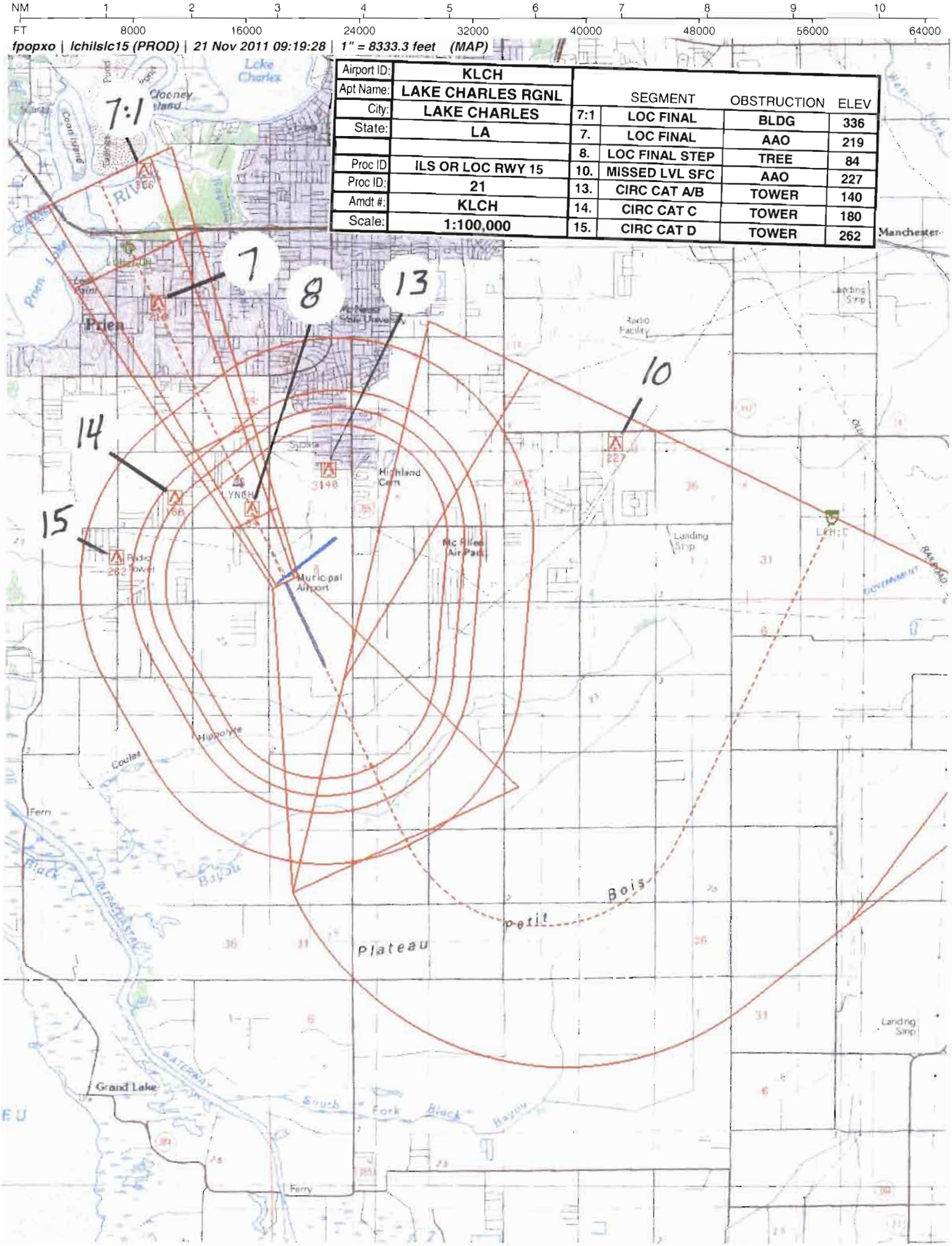
fpopxo | lchilslc15 (PROD) | 21 Nov 2011 09:17:10 | 1" = 41666.7 feet (MAP)

Airport ID:	KLCH				
Apt Name:	LAKE CHARLES RGNL		SEGMENT	OBSTRUCTION	ELEV
City:	LAKE CHARLES	1.	FEEDER	TOWER	489
		3.	FEEDER	TOWER	595
State:	LA	5.	INTERMEDIATE PT	TOWER	531
Proc ID:	ILS OR LOC RWY 15		ILS FINAL	ASC	
Amdt #:	21	10.	MISSED LVL SFC	AAO	227
Scale:	1:500,000	A.	MISSED HOLDING	TOWER	673



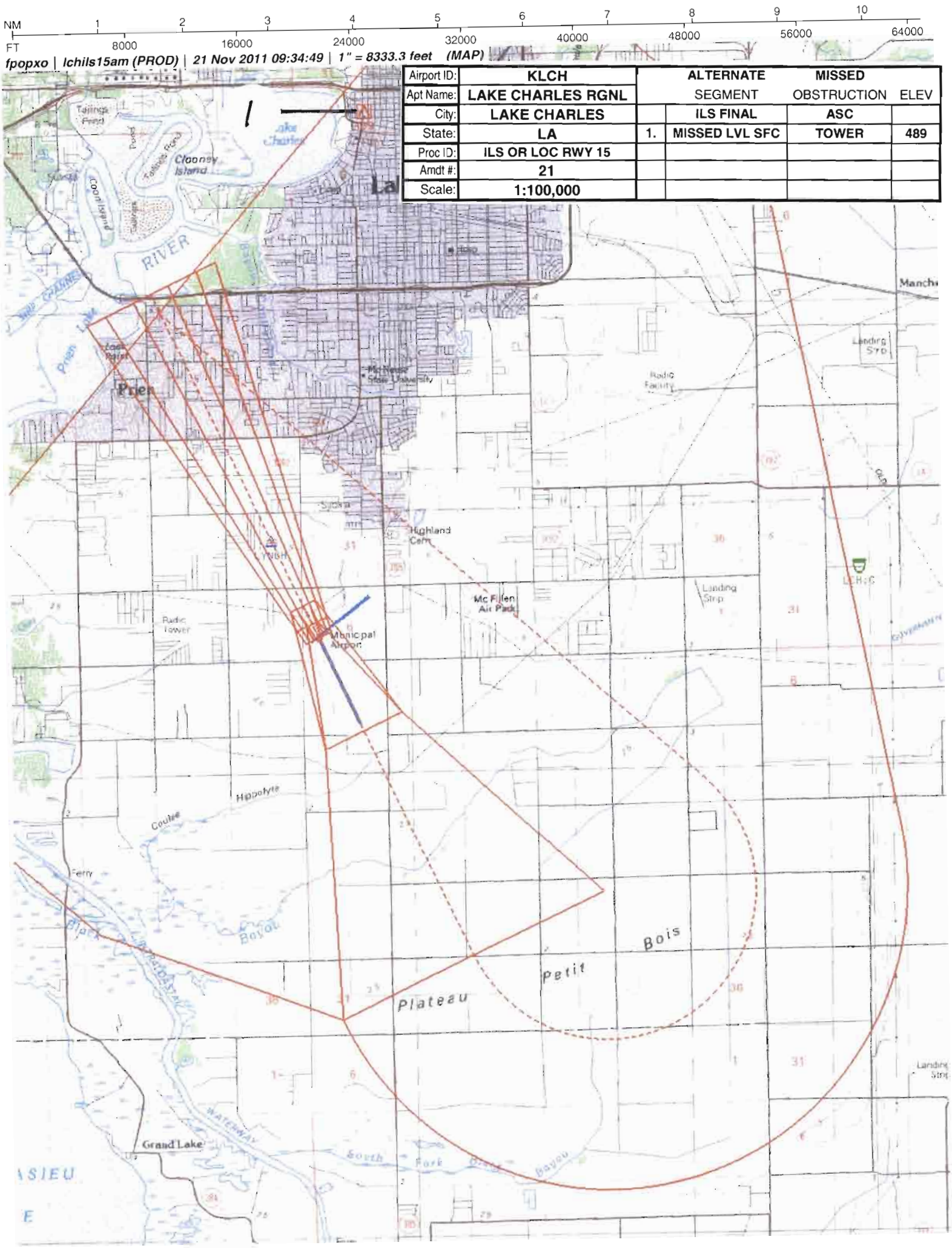


Airport ID:	KLCH				
Apt Name:	LAKE CHARLES RGNL		SEGMENT	OBSTRUCTION	ELEV
City:	LAKE CHARLES		ILS FINAL	ASC	
State:	LA	10.	MISSED LVL SFC	AAO	227
Proc ID:	ILS OR LOC RWY 15				
Amdt #:	21				
Scale:	1:100,000				



Airport ID:	KLCH
Apt Name:	LAKE CHARLES RGNL
City:	LAKE CHARLES
State:	LA
Proc ID	ILS OR LOC RWY 15
Proc ID:	21
Amdt #:	KLCH
Scale:	1:100,000

	SEGMENT	OBSTRUCTION	ELEV
7:1	LOC FINAL	BLDG	336
7.	LOC FINAL	AAO	219
8.	LOC FINAL STEP	TREE	84
10.	MISSED LVL SFC	AAO	227
13.	CIRC CAT A/B	TOWER	140
14.	CIRC CAT C	TOWER	180
15.	CIRC CAT D	TOWER	262


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpopxo | lchils15am (PROD) | 21 Nov 2011 09:34:49 | 1" = 8333.3 feet (MAP)
Airport ID: KLCH
Apt Name: LAKE CHARLES RGNL
City: LAKE CHARLES
State: LA
Proc ID: ILS OR LOC RWY 15
Amdt #: 21
Scale: 1:100,000
ALTERNATE SEGMENT
MISSED OBSTRUCTION ELEV
ILS FINAL ASC
1. MISSED LVL SFC TOWER 489
Lake Charles
Clooney Island
RIVER
Prien
Prien Lake
Highland Cem
Mc Fillen Air Park
Municipal Airport
Radio Tower
Radio Facility
Landing Strip
Hippolyte
Coulee
Ferry
Black Bayou
Plateau Petit Bois
Grand Lake
South Fork Bayou
WATERWAY
ASIEU

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LCH VORTAC	KEYLI LOM/INT/I-LCH 5.56 DME	283.71 / 8.75	1600
STRUT INT	KEYLI LOM	076.60 / 12.39	1600

MISSED APPROACH

ILS: DA
LOC: 4.26 MILES AFTER KEYLI LOM OR AT I-LCH 1.30 DME FIX

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 DIRECT LCH VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 1600 DIRECT KEYLI LOM AND HOLD. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.61 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW KEYLI LOM INT/KEYLI 5.56 DME, RT, 151.69 INBOUND.
CHART FAS OBST: 84 TREE 300829N/0931407W
CHART: ASR.
CHART: 336 BLDG 301224N/0931535W.
CHART IN PLANVIEW: (CFCBZ) AT 301714N/0931852W.
CHART: CHENNAULT INTL.

1. PT L SIDE OF COURSE 331.69 OUTBOUND 1600 FT WITHIN 10 MILES OF KEYLI LOM (IAF)
2.
3. FAC: 151.69 FAF: KEYLI LOM/INT/I-LCH 5.56 DME DIST FAF TO MAP: 4.26 THLD: 4.26
4. MIN. ALT: KEYLI LOM 1500, LYNCH INT/I-LCH 2.60 DME 480*
5. DIST TO THLD FROM OM: 4.26 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1031
6. MIN GS INCPT: 1500 GS ALT AT: - OM: 1442 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.8
8. MSA FROM: LC LOM 2600

MAG VAR: 3E EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 15**	211	2400	200	211	2400	200	211	2400	200	211	2400	200			
S-LOC 15	480	2400	469	480	2400	469	480	5000	469	480	5000	469			
CIRCLING	480	1	465	480	1	465	480	1 1/2	465	580	2	565			
LYNCH FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)															
S-LOC 15	340	2400	329	340	2400	329	340	2600	329	340	2600	329			
CIRCLING	440	1	425	480	1	465	480	1 1/2	465	580	2	565			

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LYNCH FIX MINIMUMS S-LOC 15 CATS C AND D VISIBILITY TO 1 3/8 MILE.
(SEE FORM 8260-10)

#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 11 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	LAKE CHARLES RGNL	I-LCH	ILS OR LOC RWY 15, AMDT 21	AMDT: 20A
				DATED 05/08/2008

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZHU, LCH APP CON, LCH ATCT, AMGR, ST. AV. DIR

FLIGHT CHECKED BY		
NAME: LUCINDA ANN SCHULTZ	FIFO: FIOG	DATE: 03/27/2012

DEVELOPED BY		
NAME: PABLO ORTIZ	FIFO: AJV-353	DATE: 02/27/2012

APPROVED BY		
NAME: GREGORY YAMAMOTO MANAGER	FIFO: AVN-120	DATE: 04/17/2012

CHANGES:

1. CHANGED ALL REFERENCE KEYLI LOM/INT/I-LCH 5.74 DME TO 5.56 DME.
2. UPDATED TERMINAL ROUTE LCH VORTAC TO KEYLI LOM COURSE AND DISTANCE 284.52/8.88 TO 283.71/8.75.
3. UPDATED TERMINAL ROUTE STRUT INT TO KEYLI LOM COURSE AND DISTANCE 075.78/12.35 TO 076.60/12.39.
4. UPDATED DIST FAF TO MAP/THLD 4.44 TO 4.26.
5. UPDATED MIN ALT LYNCH INT/I-LCH 2.85 DME 440* TO LYNCH INT/I-LCH 2.60 DME 480*.
6. UPDATED MIN MM 213 TO 212.
7. UPDATED MISSED 4.44 MILES AFTER KEYLI LOM TO 4.26 MILE AFTER KEYLI LOM.
8. ADDED HOLDING/HOLDING PATTERN TO MISSED APPROACH CLEARANCE LIMIT.
9. ADDED CLIMB TO 1000 THEN TO INITIAL MISSED APPROACH INSTRUCTIONS OF ALTERNATE MISSED APPROACH.
10. ADDED CHART IN PLANVIEW ALTERNATE MA HOLDING AND (CFCBZ).
11. LOWERED S-ILS 15 DA 212 ALL CATS TO DA 211 ALL CATS.
12. RAISED S-LOC 15 MDA 440/HAT 428 ALL CATS TO MDA 480/HATH 469 ALL CATS. VISIBILITY CAT C RVR 4000 TO RVR 5000.
13. RAISED CIRCLING CAT A MDA 440/HAA 425 TO MDA 480/HAA 465.
14. ADDED (DUAL VOR RECEIVERS OR DME REQUIRED) TO LYNCH FIX MINIMUMS.

SEE 8260-10

REASONS:

1, 2, 3, 4, 6, 7. CURRENT AVNIS INFORMATION.
4. DESCENT AND CONTROLLING OBSTRUCTION.
8. WHERE MISSED APPROACH IS DIRECT TO THE CLEARANCE LIMIT. A HOLDING PATTERN MUST BE ESTABLISHED.
9. CLIMB OF 400 ABOVE AIRPORT IS REQUIRED AND DELAY CLIMB OVER THE AIRPORT.
10. CHART ALTERNATE MISSED HOLDING AND CNF FIX.
11, 19. NEW CRITERIA REQUIREMENT TO MEASURE HEIGHT ABOVE THRESHOLD.
12, 13, 14. NEW CONTROLLING OBSTRUCTION.
14. REQUIRED BY CRITERIA DUE TO INT OR DME AT STEP DOWN FIX.
16. OBSTACLES PENETRATE 20:1 RWY 5.
17. ALLOW FOR LOWEST VISIBILITY VALUES.
18. NO LONGER COINCIDENT.
20. MCFILLEN NO LONGER CHARTED AND MISSED APPROACH LIES ON FINAL/MISSED TO CHENNAULT INTL.

06/06/2012. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/17/2012.
ON THE 8260-3, LINE 5 AND 6 REMOVED THE MM INFORMATION.

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
***LOC ONLY**

QUALITY CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 11 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	**LAKE CHARLES RGNL**	**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
				DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
15. LOWERED LYNCH S-LOC 15 MDA 380/HAT 368 ALL CATS TO MDA 340/HATH 329 ALL CATS. VISIBILITY CAT D RVR 4000 TO RVR 2600 AND RAISED CAT C VISIBILITY RVR 2400 TO RVR 2600. 16. ADDED WHEN VGSI INOP NOTE RWY 5. 17. ADDED FOR INOPERATIVE MALSR NOTE. 18. ADDED VGSI NOT COINCIDENT PROFILE NOTE: 19. CHANGED TDZE 12 TO THRE 11. 20. DELETED CHARTING OF MCFILLEN AIRPARK AND ADDED CHARTING CHENNAULT INTL.

REASONS:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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```
ARINC PACKET - 424-18 - ILS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LCH   K4011340VTHW N30082945W093062005    N30082945W093062005E0070000202     NARLAKE CHARLES
        SUSAD        LFT   K4010980VTLA N30113775W091593330    N30113775W091593330E0030000361     NARLAFAYETTE
        SUSAD KLCHK4 ILCH  K4010910 IT                    ILCHN30063416W093125903     000220     NARLAKE CHARLES RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFCBZ K40    W     N30171429W093185173                      E0018     NAR           CNF(CFCBZ)
        SUSAEAENRT   KEYLI K40    R   L N30113525W093154674                      E0018     NAR           KEYLI LOM
        SUSAEAENRT   STRUT K40    C   L N30091977W093295034                      E0020     NAR           STRUT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4ALCH     0     065YHN30073390W093132430E003000015         1800018000C    MNAR    LAKE CHARLES RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4FI15   ALCH   010LCH  K4D 0V       IF                                                18000                 0 NS
        SUSAP KLCHK4FI15   ALCH   020KEYLIK4EA0E       TF                                          + 01600                     0 NS
        SUSAP KLCHK4FI15   ALCH   030KEYLIK4EA0EE AR   PI LFT K4      2673066128670100D   + 01600                     0 NS
        SUSAP KLCHK4FI15   ASTRUT 010STRUTK4EA0E       IF                                                18000                 0 NS
        SUSAP KLCHK4FI15   ASTRUT 020KEYLIK4EA0E       TF                                          + 01600                     0 NS
        SUSAP KLCHK4FI15   ASTRUT 030KEYLIK4EA0EE AR   PI LFT K4      2673066128670100D   + 01600                     0 NS
        SUSAP KLCHK4FI15   I      010CFCBZK4EA0E  I    IF ILCHK4      33170118         PI J 016000150018000                0 NS
        SUSAP KLCHK4FI15   I      020KEYLIK4EA0E  F    CF ILCHK4      3317005615200062PI H 0150001442        -300LC    K4PN0 NS
        SUSAP KLCHK4FI15   I      030RW15 K4PG0GY M    CF ILCHK4      3317001315200043PI   00066             -300          0 NS
        SUSAP KLCHK4FI15   I      040          0  M    CA                      1517       + 01000                     0 NS
        SUSAP KLCHK4FI15   I      050LCH  K4D 0VY  L   DF                                  + 02000                     0 NS
        SUSAP KLCHK4FI15   I      060LCH  K4D 0VE  R   HM                      2606T010   + 02000                     0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4GRW15    0065001517 N30074340W093134051+0000    -00237000110000551 50IILCH1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4IILCH1   010910RW15 N30063299W0931302211517N30073239W0931339851370 10310510300E00305500008
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	AIRPORT NAME: **LAKE CHARLES RGNL**	**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
				DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KLCHK4SLC   K4PN              0   18018002625                                                                    M

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAPNKLCHK4 LC    K4003530HOLW N30113504W093154726                          E0030          NARKEYLI
```

CITY AND STATE	ELEVATION: 15 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	AIRPORT NAME: **LAKE CHARLES RGNL**	**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
				DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LCH	LCH	010		IF		FB					
	LCH	KEYLI	020		TF		FB				AA 01600	
	LCH	KEYLI	030	IAF	PI	R	FB		286.7()	010.0	AA 01600	
	STRUT	STRUT	010		IF		FB					
	STRUT	KEYLI	020		TF		FB				AA 01600	
	STRUT	KEYLI	030	IAF	PI	R	FB		286.7()	010.0	AA 01600	
		CFCBZ	010	FACF	IF		FB				AA 01600 GI 01500	
		KEYLI	020	FAF	CF		FB		152.0()	006.2	GI 01500 GS 01442	
		RW15	030	MAP	CF		FO		152.0()	004.3	AT 00066	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		151.7()		AA 01000	
	LCH	050		DF	L	FO				AA 02000	
	LCH	060		HM	R	FO		260.6()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LCH	N300829.45	W0930620.05	N3008.491	W09306.334
	LFT	N301137.75	W0915933.30	N3011.629	W09159.555
	ILCH (DME)	N300634.16	W0931259.03	N3006.569	W09312.984
	CFCBZ	N301714.29	W0931851.73	N3017.238	W09318.862
	KEYLI	N301135.25	W0931546.74	N3011.588	W09315.779
	STRUT	N300919.77	W0932950.34	N3009.330	W09329.839
	RW15	N300743.40	W0931340.51	N3007.723	W09313.675
	ILCH (LOC)	N300632.99	W0931302.21	N3006.550	W09313.037
	LC	N301135.04	W0931547.26	N3011.584	W09315.788

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00011	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 15	THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	AIRPORT NAME: **LAKE CHARLES RGNL**		**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
					DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

Bearings, headings, courses, 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 in feet RVR.

```
ARINC PACKET - 424-18 - LOC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LCH   K4011340VTHW N30082945W093062005    N30082945W093062005E0070000202     NARLAKE CHARLES
        SUSAD        LFT   K4010980VTLA N30113775W091593330    N30113775W091593330E0030000361     NARLAFAYETTE
        SUSAD KLCHK4 ILCH  K4010910 IT                     ILCHN30063416W093125903     000220     NARLAKE CHARLES RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFCBZ K40    W     N30171429W093185173                      E0018     NAR           CNF(CFCBZ)
        SUSAEAENRT   KEYLI K40    R   L N30113525W093154674                      E0018     NAR           KEYLI LOM
        SUSAEAENRT   LYNCH K40    R     N30085408W093141897                      E0018     NAR           LYNCH
        SUSAEAENRT   STRUT K40    C   L N30091977W093295034                      E0020     NAR           STRUT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4ALCH     0     065YHN30073390W093132430E003000015         1800018000C    MNAR    LAKE CHARLES RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4FL15   ALCH   010LCH  K4D 0V       IF                                                18000                 0 NS
        SUSAP KLCHK4FL15   ALCH   020KEYLIK4EA0E       TF                                     + 01600                          0 NS
        SUSAP KLCHK4FL15   ALCH   030KEYLIK4EA0EE AR   PI LFT K4      2673066128670100D    + 01600                          0 NS
        SUSAP KLCHK4FL15   ASTRUT 010STRUTK4EA0E       IF                                                18000                 0 NS
        SUSAP KLCHK4FL15   ASTRUT 020KEYLIK4EA0E       TF                                     + 01600                          0 NS
        SUSAP KLCHK4FL15   ASTRUT 030KEYLIK4EA0EE AR   PI LFT K4      2673066128670100D    + 01600                          0 NS
        SUSAP KLCHK4FL15   L      010CFCBZK4EA0E  I    IF ILCHK4      33170118         PI  + 01600     18000                 0 NS
        SUSAP KLCHK4FL15   L      020KEYLIK4EA0E  F    CF ILCHK4      3317005615200062PI   + 01500                 LC    K4PN0 NS
        SUSAP KLCHK4FL15   L      021LYNCHK4EA0E S     CF ILCHK4      3317002615200030PI   + 00480             -318          0 NS
        SUSAP KLCHK4FL15   L      030RW15 K4PG0GY M    CF ILCHK4      3317001315200013PI     00066             -318          0 NS
        SUSAP KLCHK4FL15   L      040          0  M    CA                      1517         + 01000                          0 NS
        SUSAP KLCHK4FL15   L      050LCH  K4D 0VY  L   DF                                     + 02000                          0 NS
        SUSAP KLCHK4FL15   L      060LCH  K4D 0VE  R   HM                      2606T010     + 02000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4GRW15    0065001517 N30074340W093134051+0000    -0023700011000055150IILCH1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	AIRPORT NAME: **LAKE CHARLES RGNL**	**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
				DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

```
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4IILCH1   010910RW15 N30063299W0931302211517N30073239W0931339851370 10310510300E00305500008

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCHK4SLC   K4PN              0   18018002625                                                                  M

                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAPNKLCHK4 LC    K4003530HOLW N30113504W093154726                        E0030          NARKEYLI
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	AIRPORT NAME: **LAKE CHARLES RGNL**	**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
				DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LCH	LCH	010		IF		FB					
	LCH	KEYLI	020		TF		FB				AA 01600	
	LCH	KEYLI	030	IAF	PI	R	FB		286.7()	010.0	AA 01600	
	STRUT	STRUT	010		IF		FB					
	STRUT	KEYLI	020		TF		FB				AA 01600	
	STRUT	KEYLI	030	IAF	PI	R	FB		286.7()	010.0	AA 01600	
		CFCBZ	010	FACF	IF		FB				AA 01600	
		KEYLI	020	FAF	CF		FB		152.0()	006.2	AA 01500	
		LYNCH	021	SDF	CF		FB		152.0()	003.0	AA 00480	
		RW15	030	MAP	CF		FO		152.0()	001.3	AT 00066	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		151.7()		AA 01000	
	LCH	050		DF	L	FO				AA 02000	
	LCH	060		HM	R	FO		260.6()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LCH	N300829.45	W0930620.05	N3008.491	W09306.334
	LFT	N301137.75	W0915933.30	N3011.629	W09159.555
	ILCH (DME)	N300634.16	W0931259.03	N3006.569	W09312.984
	CFCBZ	N301714.29	W0931851.73	N3017.238	W09318.862
	KEYLI	N301135.25	W0931546.74	N3011.588	W09315.779
	LYNCH	N300854.08	W0931418.97	N3008.901	W09314.316
	STRUT	N300919.77	W0932950.34	N3009.330	W09329.839
	RW15	N300743.40	W0931340.51	N3007.723	W09313.675
	ILCH (LOC)	N300632.99	W0931302.21	N3006.550	W09313.037
	LC	N301135.04	W0931547.26	N3011.584	W09315.788

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00011	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKE CHARLES, LA	AIRPORT NAME: **LAKE CHARLES RGNL**	**I-LCH**	**ILS OR LOC RWY 15, AMDT 21**	AMDT: **20A**
				DATED: **05/08/2008**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	LCH VORTAC	KEYLI	1. TOWER (22-000006)	301349.00N/0931258.00W	489 (1C)	1000	AT111	1600
		LOM/INT/I-LCH	2. TERRAIN	300728.60N/0931317.04W	33 (0)		AS1500	1500
		5.56 DME						
FEEDER	STRUT INT	KEYLI LOM	3. TOWER (22-003262)	301325.00N/0931837.00W	595 (5D)	1000		1600
			4. TERRAIN	301354.00N/0932842.00W	23 (0)		AS1500	1500
INTERMEDIATE: PT	10 NM	KEYLI	5. TOWER (22-000337)	301842.96N/0932015.16W	531 (5D)	500		1100
		LOM/INT/I-LCH	6. TERRAIN	301812.00N/0932103.00W	30 (0)		AS1500	1500
		5.56 DME						
FINAL: ILS	GS INTCP	RW15				ASC		211/200
FINAL: LOC	KEYLI	LYNCH INT/I-LCH	7. AAO	301052.24N/0931523.33W	219 (2C)	250		480
	LOM/INT/I-LCH	2.60 DME						
	5.56 DME							
FINAL: LOC STEPDOWN	LYNCH INT/I-LCH	4.26 MILES AFTER	8. TREE (KLCH0037)	300829.33N/0931407.27W	84 (1A)	250		340
	2.60 DME	KEYLI LOM OR AT						
		I-LCH 1.30 DME						
		FIX						
2. PROCEDURE TURN	KEYLI LOM	10 NM	3. TOWER (22-003262)	301325.00N/0931837.00W	595 (5D)	1000		1600
			9. TERRAIN	302256.30N/0932817.90W	89 (100)		AS1500	1600
3. MISSED APPROACH MAP:	DA / 4.26 MILES	LCH VORTAC				ASC		2000
	AFTER KEYLI LOM		10. AAO	300915.00N/0930915.00W	227 (4E)	1000		1300
ELEV:	43/90		11. TERRAIN	300915.00N/0930915.00W			AS1500	1500

4. CIRCLING AREA	DISTANCE		REQUIRED		ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	HT. ABV. ARPT.	350		465 / 425		13. TOWER (22-002844)	300856.00N/0931306.00W	140 (2C)	300	SI	480 / 440
CATEGORY B	1.5 NM		450		465 / 465		13. TOWER (22-002844)	300856.00N/0931306.00W	140 (2C)	300	SI / HAA	480 / 480
CATEGORY C	1.7 NM		450		465 / 465		14. TOWER (22-003368)	300837.20N/0931509.84W	180 (2C)	300		480 / 480
CATEGORY D	2.3 NM		550		565 / 565		15. TOWER (22-003184)	300755.83N/0931556.22W	262 (2C)	300		580 / 580
CATEGORY E	4.5 NM		550									

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: LC LOM

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (22-000809)	045/ 18.3	1549 (2D)	2600					

CITY AND STATE	ELEVATION: 15 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LAKE CHARLES, LA	LAKE CHARLES RGNL	I-LCH	ILS OR LOC RWY 15, AMDT 21	ASW

CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZHU ARTCC LCH APP CON	X NWS OTHER: ASOS FAA A/C	SOURCE: KLCH DISTANCE: HOURS REMOTE OPERATION:
SATISFACTORY ON:		
X VHF X UHF HF	LOCATION: KLCH	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID: I-LCH		
	MONITOR POINT: LCH ATCT		
	HRS OPTN:	CAT 1	TWR OPEN
		CAT 3	TWR CLSD

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 15 (PCL) MALSF 33 (PCL)
	X	HIRL 33 (PCL), 15 (PCL)
	X	MIRL 05, 23
	X	REIL 05, 23
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 05, 15 VASI-4L 33 (PCL), 23

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 33, 15
	INSTRUMENT	NPI-G 05, 23
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD 15	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 11.4
	DISTANCE FROM RWY: 1031	ELEV GP ANTENNA: 12.2
		THRESHOLD CROSSING HEIGHT: 54.8

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: PABLO ORTIZ	DATE: 02/27/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - VDP IS LESS THAN 0.5 NM AFTER STEPDOWN..

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS
RW5: 20:1
44 POLE (KLCH0027) 300739.97N/0931356.16W (4.44)

RWY 5 HAS 20:1 PENETRATIONS WITH VGSI: CIRCLING NA AT NIGHT WHEN VGSI INOP.

DATABASE OBSTACLES USED FOR EVALUATION OF FINAL LOCATED WITHIN LATERAL CONFINES OF THE PRECISION APPROACH TRAPEZOID.

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

VGSI DATA RWY 15: 3.00/70.6.

TERPS PARAGRAPH 289 APPLIED TO 336 BLDG
311224.03N/0931535.06W.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 1600
1. TOWER (22-000006) 301349.00N/0931258.00W 489 (1C)
1000 1500
12. TERRAIN 301003.00N/0930657.00W AS1500 1500

RADIO FIX AND HOLDING DATA RECORD

NAME: CFCBZ **STATE:** LA **COUNTRY:** US

LATITUDE/LONGITUDE: 301714.29N/0931851.73W **TYPE:** CNF

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15			KLCH	LAKE CHARLES	LA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: LCH APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KEYLI LOM **STATE:** LA **COUNTRY:** US

LATITUDE/LONGITUDE: 301135.25N/0931546.74W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	KEYLI	LC	LOM							1500	10000
2	LAKE CHARLES	I-LCH	LOC/DME		331.69	334.69	5.56	5.56	33781	1500	4500
3	LAKE CHARLES	LCH	VORTAC	H	283.71	290.71		8.75		1500	4500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	LC	LOM	331.69	151.69	R	1		1600	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (22-003262)	301325.00N/0931837.00W	595	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE KEYLI LOM.
ACTUAL FACILITY LOCATION IS 301135.04N/0931547.26W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15	1, 2, 3	1	KLCH	LAKE CHARLES	LA (US)
IAP	LOC BC RWY 33	1		KLCH	LAKE CHARLES	LA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED FIX LAT/LONG. FIX MOVED 1087.12 FEET SOUTHEAST.
REMOVED WP FROM FIX TYPE.
UPDATED FAC 2 DME 5.74 TO 5.56, ADDED DIST FROM FAC 5.56 NM AND 33871 FEET.
UPDATED FAC 3 MAG BRG 284.52 TO 283.71, TRUE BRG 291.52 TO 290.71 AND ADDED DIST FROM FAC 8.75 NM.
REMOVED FAC 4 DATA.
UPDATED PAT 1 RAD/CRS/BRG 332.56 TO 331.69, CRS INBOUND 152.56 TO 151.69, TEMPLATES MAX 7 TO 5 AND CONTROLLING OBSTRUCTION.
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN TO HOLDING RESTRICTIONS.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: LCH ATCT, LCH APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LAKE CHARLES VORTAC **STATE:** LA **COUNTRY:** US

LATITUDE/LONGITUDE: 300829.45N/0930620.05W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAKE CHARLES	LCH	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	LCH	VORTAC	080.61	260.61	R	1		1700	6000	4	5
2	W	LCH	VORTAC	249.00	069.00	R	1		2000	6000	4	5
3	SE	LCH	VORTAC	148.00	328.00	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (22-003177)	301049.00N/0930153.00W	673	5D
2	200	TOWER (22-003052)	300401.00N/0931458.00W	365	2A
3	200	TOWER (22-003177)	301049.00N/0930153.00W	673	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SABINE PASS (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	SABINE PASS (RNAV)			KGLS	GALVESTON	TX (US)
DP	SABINE PASS (RNAV)			KAXH	HOUSTON	TX (US)
DP	GUSTI (RNAV)			KCXO	HOUSTON	TX (US)
DP	LAKE CHARLES			KCXO	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KCXO	HOUSTON	TX (US)
DP	GUSTI (RNAV)			KDWH	HOUSTON	TX (US)
DP	LAKE CHARLES			KDWH	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KDWH	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KEFD	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KEYQ	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KHOU	HOUSTON	TX (US)
DP	GUSTI (RNAV)			KIAH	HOUSTON	TX (US)
DP	LAKE CHARLES			KIAH	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KIAH	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KIWS	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KSGR	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KTME	HOUSTON	TX (US)
DP	SABINE PASS (RNAV)			KT41	LA PORTE	TX (US)
EN ROUTE	J138					(US)
EN ROUTE	J2					(US)
EN ROUTE	J22					(US)
EN ROUTE	J590					(US)
EN ROUTE	T254					(US)
EN ROUTE	V20					(US)
EN ROUTE	V222					(US)
EN ROUTE	V306					(US)
EN ROUTE	V552					(US)
EN ROUTE	V574					(US)
EN ROUTE	V70					(US)
EN ROUTE	Q24					LA (US)
IAP	COPTER RNAV (GPS) 177 (SPECIAL)			K24LA	CAMERON	LA (US)
IAP	COPTER VOR/DME 010 (SPECIAL)			K24LA	CAMERON	LA (US)
IAP	COPTER VOR/DME 190 (SPECIAL)			K24LA	CAMERON	LA (US)
IAP	NDB RWY 15			K5R8	DE QUINCY	LA (US)
IAP	RNAV (GPS) RWY 15			K5R8	DE QUINCY	LA (US)
IAP	RNAV (GPS) RWY 33			K5R8	DE QUINCY	LA (US)
IAP	VOR/DME RWY 33		1	K5R8	DE QUINCY	LA (US)
IAP	LOC RWY 36			KDRI	DE RIDDER	LA (US)
IAP	NDB RWY 36			KDRI	DE RIDDER	LA (US)
IAP	RNAV (GPS) RWY 36			KDRI	DE RIDDER	LA (US)
IAP	NDB RWY 16			KPOE	FORT POLK	LA (US)
IAP	NDB RWY 34			KPOE	FORT POLK	LA (US)
IAP	RNAV (GPS) RWY 16			KPOE	FORT POLK	LA (US)
IAP	RNAV (GPS) RWY 34			KPOE	FORT POLK	LA (US)

QUALITY 4 CHECKED

IAP	TACAN RWY 16		KPOE	FORT POLK	LA (US)
IAP	TACAN RWY 34		KPOE	FORT POLK	LA (US)
IAP	RNAV (GPS) RWY 8		K3R7	JENNINGS	LA (US)
IAP	VOR/DME RWY 8	1	K3R7	JENNINGS	LA (US)
IAP	ILS OR LOC RWY 15	3	KCWF	LAKE CHARLES	LA (US)
IAP	RADAR-1	3	KCWF	LAKE CHARLES	LA (US)
IAP	RNAV (GPS) RWY 15		KCWF	LAKE CHARLES	LA (US)
IAP	ILS OR LOC RWY 15	1	KLCH	LAKE CHARLES	LA (US)
IAP	LOC BC RWY 33		KLCH	LAKE CHARLES	LA (US)
IAP	VOR-A		KLCH	LAKE CHARLES	LA (US)
IAP	VOR/DME-B		KLCH	LAKE CHARLES	LA (US)
IAP	LOC RWY 15		KUXL	SULPHUR	LA (US)
IAP	RNAV (GPS) RWY 15		KUXL	SULPHUR	LA (US)
IAP	RNAV (GPS) RWY 33		KUXL	SULPHUR	LA (US)
IAP	VOR/DME-A	1	KUXL	SULPHUR	LA (US)
IAP	VOR/DME OR GPS RWY 7	2	K6R1	WELSH	LA (US)
STAR	AWDAD		KMSY	NEW ORLEANS	LA (US)
STAR	AWDAD		KNEW	NEW ORLEANS	LA (US)
STAR	COLUMBIA (RNAV)		KT00	ANAHUAC	TX (US)
STAR	DAISETTA		KT00	ANAHUAC	TX (US)
STAR	KABOY (RNAV)		KT00	ANAHUAC	TX (US)
STAR	ROKIT (RNAV)		KT00	ANAHUAC	TX (US)
STAR	COLUMBIA (RNAV)		KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	DAISETTA		KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	KABOY (RNAV)		KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	ROKIT (RNAV)		KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	COLUMBIA (RNAV)		K54T	BAYTOWN	TX (US)
STAR	DAISETTA		K54T	BAYTOWN	TX (US)
STAR	KABOY (RNAV)		K54T	BAYTOWN	TX (US)
STAR	ROKIT (RNAV)		K54T	BAYTOWN	TX (US)
STAR	COLUMBIA (RNAV)		KHPY	BAYTOWN	TX (US)
STAR	DAISETTA		KHPY	BAYTOWN	TX (US)
STAR	KABOY (RNAV)		KHPY	BAYTOWN	TX (US)
STAR	ROKIT (RNAV)		KHPY	BAYTOWN	TX (US)
STAR	COLUMBIA (RNAV)		KGLS	GALVESTON	TX (US)
STAR	DAISETTA		KGLS	GALVESTON	TX (US)
STAR	KABOY (RNAV)		KGLS	GALVESTON	TX (US)
STAR	ROKIT (RNAV)		KGLS	GALVESTON	TX (US)
STAR	COLUMBIA (RNAV)		KAXH	HOUSTON	TX (US)
STAR	DAISETTA		KAXH	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KAXH	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KAXH	HOUSTON	TX (US)
STAR	GILCO		KCXO	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KCXO	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KCXO	HOUSTON	TX (US)
STAR	GILCO		KDWH	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KDWH	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KDWH	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KEFD	HOUSTON	TX (US)
STAR	DAISETTA		KEFD	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KEFD	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KEFD	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KEYQ	HOUSTON	TX (US)
STAR	DAISETTA		KEYQ	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KEYQ	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KEYQ	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KHOU	HOUSTON	TX (US)
STAR	DAISETTA		KHOU	HOUSTON	TX (US)
STAR	GILCO		KHOU	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KHOU	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KHOU	HOUSTON	TX (US)
STAR	DAISETTA		KIAH	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KIAH	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KIAH	HOUSTON	TX (US)
STAR	TXMEX (RNAV)		KIAH	HOUSTON	TX (US)
STAR	WOLDE (RNAV)		KIAH	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KIWS	HOUSTON	TX (US)
STAR	DAISETTA		KIWS	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KIWS	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KIWS	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KLVJ	HOUSTON	TX (US)
STAR	DAISETTA		KLVJ	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KLVJ	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KLVJ	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KSGR	HOUSTON	TX (US)
STAR	DAISETTA		KSGR	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KSGR	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KSGR	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KTME	HOUSTON	TX (US)
STAR	DAISETTA		KTME	HOUSTON	TX (US)
STAR	KABOY (RNAV)		KTME	HOUSTON	TX (US)
STAR	ROKIT (RNAV)		KTME	HOUSTON	TX (US)
STAR	COLUMBIA (RNAV)		KT41	LA PORTE	TX (US)
STAR	DAISETTA		KT41	LA PORTE	TX (US)
STAR	KABOY (RNAV)		KT41	LA PORTE	TX (US)
STAR	ROKIT (RNAV)		KT41	LA PORTE	TX (US)

QUALITY
4
CHECKED

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
PER ATC STANDARD HOLDING IS BETWEEN 3000 AND 4000, LOWERED PAT 1/2/3 ALTITUDE MAX 14000/18000 TO 6000, TEMPLATES MAX 10/16 TO 5 AND PAT 3 LEG LENGTH TIME 1 1 1/2 TO 1.
MOVED HOLDING LIMITED TO ESTABLISHED PATTERNS FROM REMARKS TO HOLDING RESTRICTIONS.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 02/27/2012	**OFFICE:** AJV-353	**NAME:** PABLO ORTIZ
APPROVED BY:	**DATE:** 07/06/2010	**OFFICE:** AJV-353	**NAME:** LARRY STROUT
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: LCH APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LYNCH **STATE:** LA **COUNTRY:** US

LATITUDE/LONGITUDE: 300854.08N/0931418.97W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAKE CHARLES	I-LCH	LOC/DME		331.69	334.69	2.60	2.59		380	1500
2	LAKE CHARLES	LCH	VORTAC	H	266.42	273.42		6.93		380	1500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
LAKE CHARLES (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15	1, 2		KLCH	LAKE CHARLES	LA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED FIX LAT/LONG. FIX MOVED 1536.01 FEET SOUTHEAST.
UPDATED FAC 1 DME 2.85 TO 2.60, MRA 300 TO 380 AND ADDED DIST FROM FAC 2.59.
UPDATED FAC 2 MAG BRG 268.22 TO 266.42, TRUE BRG 275.22 TO 273.42 AND ADDED DIST FROM FAC 6.93 NM.
ADDED FAC 1 USED TO ESTABLISH FIX COORDINATES TO REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: LCH ATCT, LCH APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STRUT **STATE:** LA **COUNTRY:** US

LATITUDE/LONGITUDE: 300919.77N/0932950.34W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAKE CHARLES	LCH	VORTAC	H	265.45	272.45	20.40	20.40		2000	17500
2	SABINE PASS	SBI	VOR/DME	L	038.00	045.00		39.77		2000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	LCH	VORTAC	265.45	085.45	L	1-1 1/2		2000	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (22-002273)	300556.00N/0932834.00W	520	5D

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
LAKE CHARLES (FAC 1) AND SABINE PASS (FAC 2) USED TO ESTABLISH FIX COORDINATES
PATTERN 1 USED BY LCH APP CON.
PRECIPITOUS TERRAIN EVALUATION COMPELETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V552	1, 2				(US)
EN ROUTE	V306	1, 2				LA (US)
IAP	RNAV(GPS) RWY 15			K5R8	DE QUINCY	LA (US)
IAP	RNAV(GPS) RWY 33			K5R8	DE QUINCY	LA (US)
IAP	RNAV(GPS) RWY 15			KCWF	LAKE CHARLES	LA (US)
IAP	ILS OR LOC RWY 15	1, 2		KLCH	LAKE CHARLES	LA (US)
IAP	LOC RWY 15	1, 2		KL75	SULPHUR	LA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED TEMPLATES MAX 18 TO 17.
ADDED FAC 1/FAC 2 USED TO ESTABLISH FIX COORDINATES TO REMARKS.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-353 **NAME:** PABLO ORTIZ

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: LCH APP CON
OTHER:

QUALITY 4 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **LAKE CHARLES** STATE: **LA**

AIRPORT NAME: **LAKE CHARLES RGNL** ID: **KLCH**

PROCEDURE: **ILS OR LOC RWY 15** AMDT: **21**

DOCKET # : **REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.93**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **.85**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **154.69**
4. High terrain in **FINAL** segment containing 1000' point **19**
5. Distance from **THLD** to 1500' point **11.26**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.32**
7. True Course of **INTERMEDIATE** segment containing 1500' point **154.69**
8. High terrain in **INTERMEDIATE** segment containing 1500' point **30**
9. Threshold Coordinates (if straight-in) ... **300743.40N / 0931340.51W**
10. ARP coordinates ..... **300733.90N / 0931324.30W**
11. Runway (Click to Select) end and distance furthest from ARP.....RWY **33**
    Distance **.84** NM
12. FAF Coordinates ..... **301135.25N / 0931546.74W**
    (Click to Select)

REMARKS: Approach/Drawing attached.