

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> CHENNAULT INTL	<u>AIRPORT ID</u> KCWF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LAKE CHARLES	<u>STATE</u> LA
<u>AIRPORT ELEVATION</u> 17	<u>TDZE</u> 16	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/10/2011	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1990

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-01.**

<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>
HATHA		EPOYO		TF	FB	2.00	286.21	23.95	2600
LCH VORTAC		CEVKU		TF	FO	2.00	330.51	17.11 	2000
STRUT		DUREC		TF	FB	2.00	026.41	13.88	2000
EPOYO	IAF	CEVKU	NOPT	TF	FB	1.00	238.82	6.50	2000
DUREC	IAF	CEVKU	NOPT	TF	FB	1.00	061.98	6.50	2000
CEVKU	IF/IAF	DAYAG		TF	FB	1.00	150.39	5.91	1900
DAYAG	FAF	RW15	MAP	TF	FO	0.30	150.40	5.75	
RW15	MAP	216 MSL		CA			150.40		
216 MSL		FERDU		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT FERDU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD NW CEVKU, RT, 150.39 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	150.40	FAF: DAYAG	DIST FAF TO MAP: 5.75	DIST FAF TO THLD: 5.75	
4. MIN ALT:	CEVKU 2000, DAYAG 1900				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.45	GS ANT:
6. MIN GP INCPT:	1900	GP ALT AT FAF : DAYAG 1900		OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.4	IM:
8. MSA FROM:	RW15 2600				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LAKE CHARLES RGNL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15°C OR ABOVE 43°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKE CHARLES RGNL ALTIMETER SETTING AND INCREASE ALL DA 16 FT AND ALL MDAS DA 20 FEET, INCREASE LNAV CATS C/D VISIBILITY 1/8 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING LAKE CHARLES RGNL ALTIMETER SETTING INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LCH VORTAC AIRWAY RADIALS 240 CW 277.

ADDITIONAL FLIGHT DATA:

CHART 302 TOWER 301839.80N/931156.70W
CHART ASR
CHART FAS OBST: 190 TOWER 301411N/0931002W
CHART CIRCLING ICON.
CHART VDP AT 1.17 NM TO RW15*
*LNAV ONLY
WAAS CHANNEL #45502
REFERENCE PATH ID: W15A
HOLD SE, RT, 330.49 INBOUND
LTP HAE: -23.1 M



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

ALTERNATE: NA ☐ NA WHEN LOCAL WEATHER NOT AVAILABLE.; STANDARD - CAT D 800-2 1/4

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	216	1/2	200	216	1/2	200	216	1/2	200	216	1/2	200			
LNAV/VNAV DA	507	1	491	507	1	491	507	1	491	507	1	491			
LNAV MDA	440	1/2	424	440	1/2	424	440	3/4	424	440	3/4	424			
CIRCLING	640	1	623	640	1	623	640	1 3/4	623	740	2 1/4	723			

CHANGES - REASONS

1. MOVED IAF/IAF CEVKU TO 6.1NM - PER FTP REQUEST.
2. MOVED IAF EPOYO FROM 6 TO 6.5 NM - PER FPT REQUEST.
3. MOVED IAF DUREC FROM 6 TO 6.5 NM - PER FPT REQUEST.
4. DIST FAF TO MAP/THLD CHANGED FROM 5.65 TO 5.75 - PFAF MOVED.
5. CHANGED CHART VDP TO RW15 FROM 1.35 NM TO 1.17 NM.
6. UPDATED MINIMUMS LPV DA/HAA ALL CATS FROM 290/274 TO 216/200 - NO LONGER PENETRATIONS TO FINAL SEGMENT.
7. UPDATED LNAV/VNAV DA/HAA ALL CATS FROM 540/524 TO 507/491 - NEW SURVEY CHANGED ELEV MSL OF CONTROLLER FROM 189 TO 190 AND AC FROM 5D TO 2C.
8. UPDATED LNAV MDA/HAA ALL CATS FROM 500/484 TO 440/424 - NEW SURVEY CHANGED ELEV MSL OF CONTROLLER FROM 189 TO 190 AND AC FROM 5D TO 2C.
9. UPDATED CIRCLING CAT A/B/C/D MDA/HAA FROM 580/563 TO CAT A/B/C 640/623 CAT D 740/723 - NEW CIRCLING CRITERIA.
10. REMOVED DME/DME RNP -0.3 NA - 8260.19H CHAPTER.
11. REMOVED NOTE "VISIBILITY REDUCTION BY HELICOPTER NA" - CURRENT RNAV CRITERIA
12. ADDED RNP APCH TO PBN REQUIRED NOTES - 8260.19H CHAPTER 8
13. PFAF MOVED 588 FT NORTHWEST.
14. CHANGED PFAF COURSE FROM 150.41 TO 150.40 - CALCULATION.
15. UPDATED LPV ALL CATS AND LNAV CAT A/B/C VIS FROM 3/4 TO 1/2 CAT D FROM 1 1/4 TO 1/2. - PER VISCHECK TOOL
16. CHANGED LENGTH OFFSET FROM "0120" TO "0" - CALCULATION.
17. FPAP LAT/LONG CHANGED FROM 301150.3400N-0930809.1525W TO 301150.3360N-0930809.1620W AND LPT LAT/LONG CHANGED FROM 301325.9000N-0930901.8000W TO 301325.8890N-0930901.8055W.
18. CHANGED CRC REMAINDER FROM 8FD4DADO TO AAE3C0D9.

11/12/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/15/18:

1. LINE 6: GP INCPT 1900 ADDED TO "GP ALT AT FAF DAYAG 1900."
2. DISTANCE ON SEGMENT LCH VORTAC TO CEVKU CHANGED FROM "17.30" TO "17.11".



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, LCH APCH, AMGR, ST AV DIR

FLIGHT CHECKED BY

ANTHONY DOMINIC VALLERA

OFFICE

FIOG

DATE

10/30/2018

Digitally signed by

ALLAN WILL

Nov 16, 2018

DEVELOPED BY

LONNIE EVERHART (ANA VEGA)

OFFICE

AJV-5400

DATE

08/09/2018

Digitally signed by

ALLAN WILL

Nov 16, 2018

APPROVED BY

LONNIE EVERHART

OFFICE

AJV-5400

DATE

Digitally signed by

ALLAN WILL

Nov 16, 2018

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCWF
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	301325.8890N
LTP/FTP LONGITUDE	0930901.8055W
LTP/FTP ELLIPSOIDAL HEIGHT	-00231
FPAP LATITUDE	301150.3360N
FPAP LONGITUDE	0930809.1620W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	AAE3C0D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00044
FPAP ORTHOMETRIC HEIGHT	+00044

