

**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 ID</u> KCWF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> LAKE CHARLES	<u>STATE</u> LA		
<u>AIRPORT ELEVATION</u> 17	<u>TDZE</u> 17	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**    **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 22-26.**

<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>
CIPDA	IAF	FERDU	NOPT	TF	FB	1.00	041.86	10.07	2000
GUSTI	IAF	FERDU	NOPT	TF	FB	1.00	297.09	7.87	2000
FERDU	IF/IAF	GOGNE		TF	FB	1.00	334.49	6.00	1700
GOGNE	FAF	RW33	MAP	TF	FO	0.30	334.45	5.05	
RW33	MAP	217 MSL		CA			334.45		
217 MSL		CEVKU		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW33

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 DIRECT CEVKU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE FERDU, RT, 334.49 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 334.45FAF: GOGNEDIST FAF TO MAP: 5.05DIST FAF TO THLD: 5.05

4. MIN ALT: FERDU 2000, GOGNE 1700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.46GS ANT:

6. MIN GP INCPT: 1700GP ALT AT PFAF : GOGNE 1700OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 53.0

8. MSA FROM: RW33 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LAKE CHARLES RGNL ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKE CHARLES RGNL ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 510 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART: WARRIOR 3 HIGH & LOW MOA.  
HOLD NW, RT, 154.39 INBOUND.  
FAS OBST: 224 AAO 300909N/0930557W.  
CHART VDP AT 1.60 NM TO RW33.  
WAAS CHANNEL # 65817  
REFERENCE PATH ID: W33A  
CHART CIRCLING ICON.  
LTP HAE: -22.5 M

MINIMUMS:

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

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

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	217	3/4	200	217	3/4	200	217	3/4	200	217	3/4	200			
LNAV/VNAV DA	494	1 3/4	477	494	1 3/4	477	494	1 3/4	477	494	1 3/4	477			
LNAV MDA	580	1	563	580	1	563	580	1 5/8	563	580	1 5/8	563			
CIRCLING	640	1	623	640	1	623	640	1 3/4	623	740	2 1/4	723			

QUALITY  
16  
CHECKED

**CHANGES - REASONS**

1. UPDATED MAGVAR FOR KCWF FROM E4 TO E0 - MAGVAR.
2. UPDATED COURSE REVERSAL OUTBOUND COURSE FROM 150.39 TO 154.39 - MAGVAR.
3. UPDATED COURSE FOR CIPDA TO FERDU FROM 037.88 TO 041.86 - MAGVAR.
4. UPDATED COURSE FOR GUSTI TO FERDU FROM 293.09 TO 297.09 - MAGVAR.
5. UPDATED INITIAL COURSE FERDU IAF TO GOGNE FROM 330.49 TO 334.49 - MAGVAR.
6. ADDED COURSE FOR MISSED APPROACH CA LEG TO 334.45 - MAGVAR.
7. UPDATED FAC FROM 330.49 TO 334.45 - MAGVAR.
8. UPDATED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19I CRITERIA.
9. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKE CHARLES RGNL ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 283 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM - MAINTAIN CONSISTENCY WITH NOTE CURRENTLY PUBLISHED FOR RWY 15. NOTES FOR 15 AND 33 CAN BE MOVED TO DASH 9 AT NEXT AMDTMENT IN ACCORDANCE WITH WMSCR REPORTING POLICY 8260.19I.
10. UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 49°C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C" - UPDATED CORRECT TEMPERATURES.
11. COMBINED CHART NOTE "BARO-VNAV NA WHEN USING LAKE CHARLES REGIONAL ALTIMETER SETTING" AND "VDP NA WHEN USING LAKE CHARLES RGNL ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING LAKE CHARLES RGNL ALTIMETER SETTING" - 8260.19I CRITERIA.
12. REMOVED "CHART ASR" - NO LONGER REQUIRED.
13. UPDATED LNAV MDA VISIBILITY FROM 1 3/4 SM TO 1 5/8 - UPDATED VISIBILITY TO CURRENT TARGETS INFORMATION.

11/07/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/17/22.

1. CHART NOTE UPDATED FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKE CHARLES RGNL ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 283 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKE CHARLES RGNL ALTIMETER SETTING AND INCREASE LPV DA TO 233 FEET; INCREASE LNAV/VNAV DA TO 510 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, CWF APP CON, AMGR

*Digitally signed by*

**ALLAN WILL**

Nov 14, 2022

**FLIGHT CHECKED BY**

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

**OFFICE****DATE****DEVELOPED BY**

ALLAN WILL (CHRISTOPHER MENDENHALL)

*Digitally signed by*

**CHRIS MENDENHALL**

Nov 07, 2022

**OFFICE**

AJV-A423

**DATE**

07/15/2022

**APPROVED BY**

MARLON ROBINSON

**OFFICE**

AJV-A420

**DATE**

*Digitally signed by*

**ALLAN WILL**

Nov 14, 2022

**TITLE**

MANAGER

QUALITY  
16  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCWF
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	301150.3360N
LTP/FTP LONGITUDE	0930809.1620W
LTP/FTP ELLIPSOIDAL HEIGHT	-00225
FPAP LATITUDE	301325.8900N
FPAP LONGITUDE	0930901.8100W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
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	2B17FA8E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00050
FPAP ORTHOMETRIC HEIGHT	+00050

