

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33							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														MISSED APPROACH						
FROM				TO			COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 2400 DIRECT XOWNU AND ON TRACK 352.29 TO DRBOB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 353.49 INBOUND. CHART FAS OBST: 439 TREE 313404N/0944303W CHART: 563 TOWER 312925N/0944310W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. WAAS CHANNEL # 93528 REFERENCE PATH ID: W36A LTP HAE: 72.5 M							
ZIVIM (IF/IAF)				ZARAD (TF) (FB) (RNP 1.00)			359.48 / 7.30				2100									
ZARAD (FAF)				YIRUN/1.50 NM TO RW36 (TF) (FB) (RNP 0.30)			359.49 / 3.90													
YIRUN/1.50 NM TO RW36				RW36 (MAP) (TF) (FO) (RNP 0.30)			359.49 / 1.50													
RW36 (MAP)				543 MSL (CA)			359.49													
543 MSL				XOWNU (DF) (FB) (RNP 1.00)																
XOWNU				DRBOB (TF) (FO) (RNP 1.00)			352.29 / 8.33				2400									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 5E EPOCH YEAR: 1995						
2. HOLD S ZIVIM, RT, 359.48 INBOUND, 2400 FT. IN LIEU OF PT (IAF)																				
3. FAC: 359.49 FAF: ZARAD DIST FAF TO MAP: 5.40 THLD: 5.40																				
4. MIN. ALT: ZIVIM 2400, ZARAD 2100, YIRUN/1.50 NM TO RW36 840*																				
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																				
6. MIN GS INCPT: 2100 GS ALT AT: ZARAD 2100 OM: _____ MM: _____ IM: _____																				
7. GS ANGLE: 3.00 TCH: 53.3 34:1 IS CLEAR																				
8. MSA FROM: _____																				
MINIMUMS																				
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		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					
LPV DA	543	1/2	200	543	1/2	200	543	1/2	200		NA									
LNAV/VNAV DA	625	1/2	282	625	1/2	282	625	1/2	282		NA									
LNAV MDA	700	1/2	357	700	1/2	357	700	5/8	357		NA									
CIRCLING	860	1	505	860	1	505	860	1 1/2	505		NA									
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING LUFKIN ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (CONTINUED ON PAGE 2)																				
CITY AND STATE NACOGDOCHES, TX				ELEVATION: 355 TDZE: 343 AIRPORT NAME: NACOGDOCHES A L MANGHAM JR RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG-B 22 JUNE 2017				SUP: AMDT: ORIG-A DATED 04/02/2015						

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LUFKIN ALTIMETER SETTING AND INCREASE ALL DA 56 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 SM, INCREASE LNAV CAT C VISIBILITY 1/8 SM.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	269/30 CW 089/30 (NOPT)	ZIVIM (IF/IAF) (FB)	2400
2.	089/30 CW 269/30	ZIVIM (IF/IAF) (FO)	2400

CITY AND STATE

NACOGDOCHES, TX

ELEVATION: 355

TDZE: 343

AIRPORT NAME:

NACOGDOCHES A L MANGHAM JR RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG-B

22 JUNE 2017

SUP:

AMDT: **ORIG-A**

DATED: **04/02/2015**

QUALITY
18
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOCH
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	313415.3060N
LTP/FTP LONGITUDE	0944238.7280W
LTP/FTP ELLIPSOIDAL HEIGHT	+00725
FPAP LATITUDE	313544.3300N
FPAP LONGITUDE	0944230.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00053.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 93A08110

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00995
FPAP ORTHOMETRIC HEIGHT	+00995

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