

**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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 4.83 NM AFTER OC NDB OR AT ZITGI/I-OC 1.25 DME FIX
ARMOR/LFK 28.00 DME	OC NDB/I-OC 6.07 DME	171.57 / 8.66	2100	CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2100 DIRECT NADOS/OC NDB AND HOLD. ALTERNATE MA (DO NOT CHART): ALTERNATE MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2400 DIRECT LFK VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE LFK VORTAC, RT, 331.67 INBOUND. CHART FAS OBST: 433 TREE 313328N/0944243W FAS OBST: 509 AAO 313138N/0944247W CHART 563 TREE 312925N/0944310W. CHART VDP AT 1.90 DME* DISTANCE VDP TO THLD 0.95 NM. *LOC ONLY. CHART LFK R-082 AT BODTA. CHART IN PLANVIEW: LFK VORTAC. CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
LFK VORTAC (IAF)	MAFIE/I-OC 13.46 DME (NOPT)	351.86 / 11.99	2200	
BODTA/LFK 12.00 DME CCW (IAF)	MAFIE/I-OC 13.46 DME (NOPT)	12.00 DME ARC (LFK LR-002)	2400	
MAFIE/I-OC 13.46 DME (IF)	OC NDB/I-OC 6.07 DME	359.49 / 7.38 (I-OC)	2100	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S OC NDB, LT, 359.49 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
- FAC: 359.49 FAF: NADOS/I-OC 6.07 DME DIST FAF TO MAP: 4.83 THLD: 5.13
- MIN. ALT: NADOS 2100, CATEB/I-OC 2.61 DME 760*
- DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 825
- MIN GS INCPT: 2100 GS ALT AT: OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 53.3
- MSA FROM: OC NDB 2400

MAG VAR: 5E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A X														
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 36	543	1/2	200	543	1/2	200	546	1/2	200		NA				
S-LOC 36	760	1/2	417	760	1/2	417	760	3/4	417		NA				
CIRCLING	860	1	505	860	1	505	860	1 1/2	505		NA				

CATEB FIX MINIMUMS (DME REQUIRED)

S-LOC 36	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: ADF REQUIRED.
 *LOC ONLY
 CHART PROFILE VIEW NOTE: *820 WHEN USING LUFKIN ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LUFKIN ALTIMETER SETTING AND INCREASE ALL
 (CONTINUED ON PAGE 2)



CITY AND STATE NACOGDOCHES, TX	ELEVATION: 355 TDZE: 343 AIRPORT NAME: NACOGDOCHES A L MANGHAM JR RGNL	FACILITY IDENTIFIER: I-OC	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36, AMDT 3E 22 JUNE 2017	SUP: AMDT: 3D DATED 04/28/2016
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NOTES, (CONT.):

- DA 56 FEET AND ALL MDA 60 FEET AND INCREASE ALL S-LOC 36 CAT C VISIBILITIES 1/4 SM.
- CHART NOTE: VDP NA WHEN USING LUFKIN ALTIMETER SETTING.
- CHART NOTE: LOCALIZER UNUSABLE INSIDE 0.3 NM FROM THRESHOLD.
- CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 740.
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LFK VORTAC AIRWAY RADIALS 241 CW 082.



CITY AND STATE NACOGDOCHES, TX	ELEVATION: 355 TDZE: 343 AIRPORT NAME: NACOGDOCHES A L MANGHAM JR RGNL	FACILITY IDENTIFIER: I-OCH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36, AMDT 3E 22 JUNE 2017	SUP:
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