

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
NDB STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.27**

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> TSTC WACO	<u>AIRPORT ID</u> KCNW	<u>PROCEDURE NAME</u> NDB RWY 35R	<u>ORIGINAL/AMENDMENT</u> 12	<u>CITY</u> WACO	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 470	<u>TDZE</u> 462	<u>SUPERSEDED</u> NDB RWY 35R	<u>ORIGINAL/AMENDMENT</u> 11C	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> ROB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-15.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ACT VORTAC		ROB NDB					123.81	13.94	2900
BARBA INT		ROB NDB					007.31	24.88	3600
SATTY/ACT 21.99 DME	← IF	ROB NDB	NOPT				337.87	8.89	2900

**MISSED APPROACH**

**MAP:**

7.44 NM AFTER ROB NDB

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING RIGHT TURN TO 2900 DIRECT ROB NDB AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L SIDE OF COURSE 171.80 OUTBOUND 2900 FT WITHIN 10 MILES OF ROB NDB (IAF)  
2.  
3. FAC: 351.80 FAF: ROB NDB DIST FAF TO MAP: 7.44 DIST FAF TO THLD: 7.44  
4. MIN ALT: ROB NDB 2900  
8. MSA FROM: ROB NDB 180-270 3600, 270-180 2300

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**



ADDITIONAL FLIGHT DATA:

CHART: ASR.  
CHART CIRCLING ICON.  
ROB NDB TO RW35R: 3.04/40.8.  
CHART FAS OBST: 811 TOWER 313215N/0970533W.  
HOLD S, RT, 351.80 INBOUND

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., NA WHEN CONTROL TOWER CLOSED.

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
S-35R	1200	1	738	1200	1	738	1200	2	738	1200	2	738			
CIRCLING	1200	1	730	1200	1	730	1200	2	730	1200	2 1/4	730			

CHANGES - REASONS

1. LOWERED ALL S-35R MDA/HAT FROM 1220/758 TO 1200/738 AND ALL CIRCLING MDA/HAT FROM 1220/750 TO 1200/730; LOWERED ALL CAT B VISIBILITY 1/4 SM AND ALL CAT C,D VISIBILITY 1/2 SM- NEW ARPT SURVEY.
2. REMOVED TPL FEEDER LEG AND ALL REFERENCES TO TPL VOR/DME- TPL VORTAC DECOMISSIONED FOR TPL VOR MON PROJECT, DME ONLY FIX DOCUMENTED IAW 8260.19H PARA 8-2-6C(1).
3. CHANGED ROB NDB TO RWY 35R DATA FROM 2.79/ TCH 39 TO 3.04/ TCH 40.8- FAF ALTITUDE RAISED TO MAKE COINCIDENT WITH VGSI IAW 8260.3D PARA 2-6-2B.
4. CHANGED FAC FROM 355.00M TO 351.80M- IAPA CALCULATED OPTIMUM COURSE.
5. CHANGED COURSE AND DISTANCE FROM ACT VORTAC TO ROB NDB FROM 123.82/13.95 TO 123.81/13.94- NEW AIRNAV DATA.
6. ADDED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA- PER 8260.19H PARA 8-7-1D(12).
7. REMOVED ALTIMETER NOTE FROM 8260-5 - ADDED AS A CONTINGENCY NOTE SECTION ON -9- PER 8260.19H PARA 8-6-9F(3).
8. CHANGED SATTY IDENTIFICATION FROM SATTY INT TO SATTY/21.99 DME- PER 8260.19H PARA 8-2-6C(1).
9. INCREASED ALTITUDE OF WACO FEEDER MIN ALT FROM 2700 TO 2900FT TO MATCH NEW FAF MINIMUM ALTITUDE- PER 8260.3D PARA 2-6-2B.
10. INCREASED SATTY INTERMEDIATE MIN ALT FROM 2700 TO 2900FT TO MATCH NEW FAF MINIMUM ALTITUDE- PER 8260.3D PARA 2-6-2B.
11. REMOVED ADDITIONAL FLIGHT DATA, FAC IS A FLIGHT CHECK VALUE- UPDATED IAPA CALCULATION FOR OPTIMUM FAC.
12. INCREASED PROCEDURE TURN MIN ALT FROM 2700 TO 2900FT TO MATCH NEW FAF MINIMUM ALTITUDE- PER 8260.3D PARA 2-6-2B.
13. INCREASED MISSED APPROACH MIN ALT FROM 2700 TO 2900FT TO MATCH NEW FAF MINIMUM ALTITUDE- PER 8260.3D PARA 2-6-2B.
14. REMOVED VGSI AND DESCENT ANGLES NOT COINCIDENT NOTE- PER 8260.19H PARA 8-6-8M.
15. UPDATED ALTERNATE MINIMUM NOTE TO INCLUDE NA WHEN LOCAL WEATHER NOT AVAILABLE- PER 8260.19H PARA 8-6-11B(4).

06/14/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 05/23/2019:  
1. CHANGED IN TERMINAL ROUTES SATTY/21.99 DME TO SATTY/ACT 21.99 DME.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZFW, WACO APP CON, AMGR

FLIGHT CHECKED BY  
ANTHONY DOMINIC VALLERA

Digitally signed by  
WARDELL HENNING  
Jun 19, 2019

OFFICE  
FIOG  
DATE  
05/21/2019

DEVELOPED BY  
WARDELL HENNING (MICHAEL W HARRIS)

Digitally signed by  
WARDELL HENNING  
Jun 19, 2019

OFFICE  
AJV-A432  
DATE  
01/08/2019

APPROVED BY  
PATRICK MULQUEEN  
Digitally signed by  
WARDELL HENNING  
Jun 19, 2019

OFFICE  
A43  
DATE

TITLE  
MANAGER  
QUALITY  
18  
CHECKED