

**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> TSTC WACO	<u>AIRPORT ID</u> KCNW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35R	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> WACO	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 470	<u>TDZE</u> 462	<u>SUPERSEDED</u> RNAV (GPS) RWY 35R	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<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>
ACT VORTAC		OMOB		TF	FO	1.00	141.16	18.65	2300
OMOB	IF/IAF	RUBDY		TF	FB	1.00	353.56	7.61	2300
RUBDY	FAF	OLHUF/2.00 NM TO RW35R		TF	FB	0.30	353.55	3.66	
OLHUF/2.00 NM TO RW35R		RW35R	MAP	TF	FO	0.30	353.55	2.00	
RW35R	MAP	780 MSL		CA			353.55		
780 MSL		CUKAV		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LP: RW35R
LNAV: RW35R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 DIRECT CUKAV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S OMOBE, RT, 353.56 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 353.55 FAF: RUBDY DIST FAF TO MAP: 5.66 DIST FAF TO THLD: 5.66

4. MIN ALT: OMOBE 2300, RUBDY 2300, OLHUF/2.00 NM TO RW35R 1120

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

6. MIN GP INCPT: GP ALT AT FAF :

7. GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:

8. MSA FROM: RW35R 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT OMOBE ON V15 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ACT VORTAC AIRWAY RADIALS 050 CW 181.

ADDITIONAL FLIGHT DATA:

CHART: ASR.

RUBDY TO RW35R: 3.00/40.8.

CHART VDP AT 0.89 NM TO RW35R

WAAS CHANNEL #82731

REFERENCE PATH ID: W35A

CHART FAS OBST: 512 TREE 313716N/0970428W, 603 WATER TOWER 313629N/0970456W.

HOLD N, LT, 173.54 INBOUND

LTP HAE: 112.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LP MDA	780	1	318	780	1	318	780	1	318	780	1	318			
LNAV MDA	860	1	398	860	1	398	860	1 1/8	398	860	1 1/8	398			

CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM TSTC WACO TO HEART OF TEXAS INDUSTRIAL- AIRNAV DATA UPDATE.
2. REMOVED CIRCLING FROM PROCEDURE - NPA CIRCLING INITIATIVE.
3. REMOVED CHART CIRCLING ICON FROM ADDITIONAL FLIGHT DATA - PROCEDURE NO LONGER HAS CIRCLING.
4. ADDED PLANVIEW NOTE NOPT FOR ARRIVAL AT OMOBE - ELIMINATE UNNECESSARY HOLDING.
5. REMOVED ADDITIONAL FLIGHT DATA 7:1 OBSTACLE "481 POLE" - OBSTACLE IS LOWER THAN FAS OBSTACLE.

10/1/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 06/11/2019:

1. CHANGED AIRPORT NAME FROM "HEART OF TEXAS INDUSTRIAL" TO "TSTC WACO".

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by

DATE

WARDELL HENNING

DEVELOPED BY

WARDELL HENNING (TYLER MITCHELL)

Digitally signed by

WARDELL HENNING

Oct 23, 2019

OFFICE

AJV-A432

Oct 23, 2019

DATE

09/25/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Oct 23, 2019

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCNW
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	313740.7220N
LTP/FTP LONGITUDE	0970421.4655W
LTP/FTP ELLIPSOIDAL HEIGHT	+01123
FPAP LATITUDE	313909.9330N
FPAP LONGITUDE	0970425.9270W
THRESHOLD CROSSING HEIGHT (TCH)	00040.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	5ADD7A62

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01390
FPAP ORTHOMETRIC HEIGHT	+01390