

**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> PWG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> WACO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 592	<u>TDZE</u> 580	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>DATED</u> 06/15/2023	<u>MAG VAR</u> 6E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 26-11.

<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>
BARBA	IAF	ICIDE	NOPT	TF	FB	1.00	314.84	10.11	3200
ICIDE	IF/IAF	HISNI		TF	FB	1.00	353.00	6.64	3200
HISNI	FAF	BRUGO/2.29 NM TO RW35		TF	FB	0.30	353.00	5.84	
BRUGO/2.29NM TO RW35		RW35	MAP	TF	FO	0.30	353.00	2.29	
RW35	MAP	830 MSL		CA			353.00		
830 MSL		BLDEE		DF	FB	1.00			
BLDEE		ACT VORTAC		TF	FO	1.00	018.00	6.39	2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT BLDEE AND ON TRACK 018.00 TO ACT VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S ICIDE, RT, 353.00 INBOUND, 3200 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 353.00	FAF: HISNI		DIST FAF TO MAP: 8.13	DIST FAF TO THLD: 8.13	
4. MIN ALT: ICIDE 3200, HISNI 3200, BRUGO/2.29NM TO RW35 1340					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.68	GS ANT:
6. MIN GP INCPT: 3200	GP ALT AT PFAF: HISNI 3200		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 45.5		
8. MSA FROM: RW35 3600					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ACT ALTIMETER SETTING.
CHART NOTE: CIRCLING RWY 4/22 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BARBA ON V548 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ACT ALTIMETER SETTING AND INCREASE ALL DA TO 861 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 198.17 INBOUND.
CHART FAS OBST: 652 TOWER (48-002055) 312848N/0971939W.
CHART VDP AT 1.09 NM TO RW35.
WAAS CHANNEL # 87130
REFERENCE PATH ID: W35A
LTP HAE: 145.2 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
LPV DA	830	3/4	250	830	3/4	250	830	3/4	250		NA				
LNAV/VNAV DA	830	3/4	250	830	3/4	250	830	3/4	250		NA				
LNAV MDA	960	1	380	960	1	380	960	1	380		NA				
CIRCLING	1020	1	428	1060	1	468	1300	2	708		NA				

CHANGES - REASONS

1. TERMINAL ROUTES: DISTANCE AT HISNI TO BRUGO/2.20 NM TO RW35 CHANGED FROM "5.93" TO "5.84" - HISNI AND BRUGO COORDINATES CHANGED.
2. TERMINAL ROUTES: DISTANCE AT BRUGO/2.20 NM TO RW35 RW3 CHANGED FROM "2.20" TO "2.29" - HISNI AND BRUGO COORDINATES CHANGED.
3. TERMINAL ROUTES: CA AND DF LEG ALTITUDE CHANGED FROM "816 MSL" TO "830 MSL" - TO MATCH DA MINIMUMS IAW 8260.58D 3-5-2(B).
4. LINE 4: MIN ALT CHANGED FROM "ICIDE 3200, HISNI 3200, BRUGO/2.20 NM TO RW35 1300" TO "ICIDE 3200, HISNI 3200, BRUGO/2.20 NM TO RW35 1340" - ALTITUDE INCREASED TO 1340.
5. LINE 5: 250 HAT CHANGED FROM "0.64" TO "0.68" - NEW FAF COORDINATES.
6. NOTES: REPLACED ALL REFERENCES OF "WACO RGNL" TO "ACT" - IAW 8260.19K.
7. NOTES: CHANGED FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C" - NEW NOAA TEMP DATA.
8. NOTES: CHANGED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WACO RGNL ALTIMETER SETTING: INCREASE LPV DA TO 861 FEET; INCREASE LNAV/VNAV DA TO 861 FEET; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT B 1/4 SM, AND CIRCLING VISIBILITY CAT B/C 1/4 SM." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ACT ALTIMETER SETTING AND INCREASE ALL DA TO 861 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM." - UPDATED VISIBILITIES AND MINIMUMS.
9. NOTES: CHANGED FROM "BARO-VNAV NA WHEN USING WACO RGNL ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ACT ALTIMETER SETTING" - IAW 8260.19K 8-6-10.
10. NOTES: ADDED "CHART NOTE: CIRCLING RWY 4/22 NA AT NIGHT" - RUNWAYS HAVE NO SURVEYS.
11. ADDITIONAL FLIGHT DATA: ADDED OBSTACLE ID TO FAS OBSTACLE "CHART FAS OBST: 652 TOWER (48-002055) 312848N/0971939W" - IAW 8260.19K.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.09 NM TO RW35" - WITH STEPDOWN FIX COORDINATES MOVED, VDP CAN BE ESTABLISHED.
13. MINIMUMS: LNAV CAT C VISIBILITY CHANGED FROM "1 1/8" TO "1" - IAW 8260.3G TABLE 3-3-1.
14. FAS DATA: CRC REMAINDER CHANGED FROM "8730121B" TO "BF21B1DE" - FPAP COORDINATES CHANGED FROM "313012.5000N/0971906.7400W" TO "313012.5015N/0971906.7390W"



04/08/26: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/02/26.
1. TERMINAL ROUTES: BRUGO CHANGED FROM "BRUGO/2.20 NM TO RW35" TO "BRUGO/2.29 NM TO RW35"
2. LINE 4: BRUGO CHANGED FROM "BRUGO/2.20 NM TO RW35" TO "BRUGO/2.29 NM TO RW35"

04/08/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/02/2026.
CHANGED TERMINAL ROUTE: "BRUGO/2.20NM TO RWY 35" TO "BRUGO/2.29 NM TO RWY 35".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: AMGR, ACT ATCT, ZFW

FLIGHT CHECKED BY

CRAIG LARSON

Digitally signed by
RAKE MCGRAW
Mar 02, 2026

OFFICE
AJF

DATE
02/27/2026

DEVELOPED BY

BRITNEY ARMENTROUT

Digitally signed by
RAKE MCGRAW
Mar 02, 2026

OFFICE
AJV-A422

DATE
11/24/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by
RAKE MCGRAW
Mar 02, 2026

OFFICE
AJV-A422

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWG
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	312843.2210N
LTP/FTP LONGITUDE	0971904.9200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01452
FPAP LATITUDE	313012.5015N
FPAP LONGITUDE	0971906.7390W
THRESHOLD CROSSING HEIGHT (TCH)	00045.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDERBF21B1DE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01725
FPAP ORTHOMETRIC HEIGHT	+01725

