

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
CNW	RNAV (GPS) RWY 35R	2B	WACO	TX		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
470	462	RNAV (GPS) RWY 35R	2A	12/05/2019	4E	2015
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV			ROUTINE			

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		OMOBE		TF	FO	1.00	141.16	18.65	2300
OMOBE	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			2400

MISSED APPROACH

MAP:

LP: RW35R
LNAV: RW35R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 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 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:		
6.	MIN GP INCPT:		GP ALT AT FAF:		OM:	MM:	IM:	
7.	GP ANGLE:		34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	
8.	MSA FROM: RW35R 3600							



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

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:

HOLD N, LT, 173.54 INBOUND.
CHART FAS OBST: 603 WATER TOWER (48-120121) 313629N/0970456W, 512 TREE (48-040244) 313716N/0970428W.
CHART VDP AT 0.89 NM TO RW35R.
WAAS CHANNEL # 82731
REFERENCE PATH ID: W35A
CHART: ASR.
RUBDY TO RW35R: 3.00/40.8.
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. TERMINAL ROUTES: MISSED APPROACH CLIMB TO ALTITUDE CHANGED FROM 2300 TO 2400 - NEW CONTROLLING OBSTACLE RAISES THE HOLDING PATTERN AT CUKAV TO 2400; CLEARS T-NOTAM 5/6403.
2. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2300 DIRECT CUKAV AND HOLD" TO "CLIMB TO 2400 DIRECT CUKAV AND HOLD" - NEW CONTROLLING OBSTACLE RAISES THE HOLDING PATTERN AT CUKAV TO 2400; CLEARS T-NOTAM 5/6403.
3. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19K 8-6-8.
4. CRC REMAINDER CHANGED FROM "5ADD7A62" TO "53DDD545" - FPAP LAT/LONG CHANGED FROM 313909.9330N/0970425.9270W" TO "313909.9325N/0970425.9325W".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZFW, WACO APP CON, AMGR

FLIGHT CHECKED BY
CARLOS A BALDERAS

Digitally signed by
CASEY D HILL
Jul 02, 2026

OFFICE
AJF

DATE
06/29/2026

DEVELOPED BY
TIMOTHY JOHNSON

Digitally signed by
CASEY D HILL
Jul 02, 2026

OFFICE
AJV-A431

DATE
04/07/2026

APPROVED BY
CASEY HILL

Digitally signed by
CASEY D HILL
Jul 02, 2026

OFFICE
AJV-A431

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD
OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA
0
0
KCNW
RW35R
0
0
W35A
313740.7220N
0970421.4655W
+01123
313909.9325N
0970425.9325W
00040.8
F
03.00
106.75
0128
40.0
00.0

CRC REMAINDER 53DDD545

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+01390
+01390



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> CNW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35R	<u>AMDT NO.</u> 2B	<u>CITY</u> WACO	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 470	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ACT VORTAC **TO** OMOBE

RNP 1.00 DISTANCE 18.65 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-002502)	313051.18N/0971145.15W	1049	20	3	1A	1000				AT251	2300
TERRAIN	313203.00N/0971242.00W	649 (600)								AS1500	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM OMOBE (IF/IAF) **TO** RUBDY

RNP 1.00 DISTANCE 7.61 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-011848)	312536.00N/0970605.00W	723	500	50	5D	500				AT1077	2300
TERRAIN	312503.00N/0970603.00W	498 (500)								AS1500	2000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP

FROM

RUBDY

TO

OLHUF/2.00 NM TO RW35R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.66										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	313415.00N/0970433.00W	666	215	8	4B	250				RA40 DG164	1120

COMPUTATIONS

ALTCIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP STEPDOWN

FROM

OLHUF/2.00 NM TO RW35R

TO

RW35R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.00		RW35R		318						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (48-040244)	313716.34N/0970428.07W	512	20	3	1A	250					780

COMPUTATIONS

ALTCIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

RUBDY

TO

OLHUF/2.00 NM TO RW35R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.66										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	313415.00N/0970433.00W	666	215	8	4B	250				RA40 DG164	1120

COMPUTATIONS

ALTCIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

OLHUF/2.00 NM TO RW35R

TO

RW35R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	2.00		RW35R	398	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
WATER TOWER (48-120121)	313629.03N/0970455.81W	603	20	3	1A	250					860

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

OMOBE

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-5			

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-024594)	311414.90N/0970031.70W	790	500	50	5D	1000				AT510	2300
TERRAIN	312357.00N/0970806.00W	554 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM

RW35R

TO

CUKAV

RNP 0.30-1.00	DISTANCE	PAT	MAP		HAT		HMAS 680				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2400
TOWER (48-009135)	314451.54N/0970624.06W	1034	50	20	2C	1000					2100
TERRAIN	315139.00N/0970412.00W	672 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW35R

TO

CUKAV

RNP 0.30-1.00	DISTANCE	PAT	MAP		HAT		HMAS 760				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2400
TOWER (48-009135)	314451.54N/0970624.06W	1034	50	20	2C	1000					2100
TERRAIN	315139.00N/0970412.00W	672 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED

MSA

CENTER

RW35R

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (48-003981)	311625.00N/0971315.00W	196	22.5	2550	500	50	5D	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZFW ARTCC, CNW TOWER, ACT APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	CNW	24	CNW		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	ACT	24	ACT	8.13	Y	26

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME.
CNW 470, ACT 516
RA=25.2

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW17R		NPI-F	
RW35L		NPI-F	
RW17L - MALSR (PCL), MIRL (PCL), PAPI-4R (PCL)		PIR-G	
RW35R - MIRL (PCL), PAPI-4L (PCL)		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	40.8

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ACT ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV AND LP VISIBILITY CAT C/D 1/8 SM.
VDP NA WHEN USING ACT ALTIMETER SETTING.
VEGETATION HEIGHT 55 FEET PER FPT.
TAA, LPV, AND LNAV/VNAV NOT DEVELOPED PER FPT.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.15
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	357.55
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	5.06
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.57
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	357.55
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)	313740.72N/0970421.47W
ARP COORDINATES	313816.10N/0970426.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17L DISTANCE 0.83 NM
FAF COORDINATES	313200.56N/0970404.47W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TIMOTHY JOHNSON	AJV-A431	04/07/2026	AERONAUTICAL INFORMATION SPECIALIST