

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> WDG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> ENID	<u>STATE</u> OK
<u>AIRPORT ELEVATION</u> 1167	<u>TDZE</u> 1159	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5E <u>EPOCH YEAR</u> 2010 <u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PER VORTAC		ASHLE		TF	FB	1.00	208.39	30.62	4000
ASHLE	IAF	RDGRS	NOPT	TF	FB	1.00	220.14	7.00	3000
WENDY	IAF	RDGRS	NOPT	TF	FB	1.00	345.78	18.93	3000
PENYN	IAF	RDGRS	NOPT	TF	FB	1.00	034.94	21.41	3000
RDGRS	IF/IAF	STYXX		TF	FB	1.00	310.08	6.08	3000
STYXX	FAF	LESLI/1.89 NM TO RW31		TF	FB	0.30	310.03	3.77	
LESLI/1.89 NM TO RW31		RW31	MAP	TF	FO	0.30	310.03	1.89	
RW31	MAP	1700 MSL		CA			310.03		1700
1700 MSL		EDEWO		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4000 DIRECT EDEWO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD SE RDGRS, RT, 310.08 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.

DIST FAF TO MAP: 5.66

DIST FAF TO THLD: 5.66
3. FAC: 310.03

FAF: STYXX

150 HAT:

250 HAT: 0.66

GS ANT:
4. MIN ALT: RDGRS 3000, STYXX 3000, LESLI/1.89 NM TO RW31 1800

MM:

IM:
5. DIST TO THLD FROM OM:

GP ALT AT PFAF: STYXX 3000

OM:

MM:

IM:
6. MIN GP INCPT: 3000

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.0
7. GP ANGLE: 3.00

MSA FROM: RW31 3600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GOK ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOK ALTIMETER SETTING AND INCREASE LPV DA TO 1507 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1707 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 258.44 INBOUND.
CHART FAS OBST: 1449 STACK (40-062598) 362240N/0974539W.
CHART A-562A..
CHART A-562B.
CHART VANCE 1A.
CHART VANCE 1B.
CHART VDP AT 1.13 NM TO RW31.
WAAS CHANNEL # 87147
REFERENCE PATH ID: W31A
LTP HAE: 325.1 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	1409	3/4	250	1409	3/4	250	1409	3/4	250		NA				
LNAV/VNAV DA	1609	1 3/8	450	1609	1 3/8	450	1609	1 3/8	450		NA				
LNAV MDA	1560	1	401	1560	1	401	1560	1 1/8	401		NA				
CIRCLING	1760	1	593	1760	1	593	1820	1 3/4	653		NA				

CHANGES - REASONS



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZKC ARTCC, VANCE APP CON, WOODRING TOWER, AMGR

FLIGHT CHECKED BY

JUSTUS R BRAY

DEVELOPED BY
DUSTIN HARDISON

APPROVED BY
RAKE MCGRAW

Digitally signed by

OFFICE

DATE

RAKE MCGRAW

Mar 16, 2026

AJF

03/13/2026

Digitally signed by

OFFICE

DATE

RAKE MCGRAW

Mar 16, 2026

AJV-A422

11/26/2025

Digitally signed by

OFFICE

DATE

TITLE

RAKE MCGRAW

Mar 16, 2026

AJV-A422

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
KWDG
RW31
0
0
W31A
362231.9110N
0974651.9625W
+03251
362334.9740N
0974810.0230W
00040.0
F
03.00
106.75
1792
40.0
50.0

CRC REMAINDER FFFC8197

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +03530
FPAP ORTHOMETRIC HEIGHT +03530

