

**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> KWDG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> ENID	<u>STATE</u> OK		
<u>AIRPORT ELEVATION</u> 1167	<u>TDZE</u> 1147	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<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>
PER VORTAC		KJACK		TF	FO	1.00	213.80	48.96	3600
PENYN	IAF	KJACK	NOPT	TF	FB	1.00	024.74	10.00	3600
WENDY	IAF	KJACK	NOPT	TF	FB	1.00	307.84	16.15	3600
KJACK	IF/IAF	JUPMI		TF	FB	1.00	355.00	9.30	3100
JUPMI	FAF	RW35	MAP	TF	FO	0.30	355.02	5.98	
RW35	MAP	1347 MSL		CA			355.02		
1347 MSL		NIDME		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT NIDME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S KJACK, RT, 355.00 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 14000.					
3. FAC:	355.02	FAF: JUPMI	DIST FAF TO MAP: 5.98	DIST FAF TO THLD: 5.98	
4. MIN ALT:	KJACK 3600, JUPMI 3100				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.47	GS ANT:
6. MIN GP INCPT:	3100	GP ALT AT FAF : JUPMI 3100	OM:	MM:	IM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 59.6	
8. MSA FROM:	RW35 3600				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO 3/4 SM, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM, INCREASE LNAV CAT E VISIBILITY TO 1 1/4 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PER VORTAC AIRWAY RADIALS 129 CW 291.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD N, RT, 175.02 INBOUND.
FAS OBST: 1330 AAO 361716N/0974812W.
CHART ALERT AREA A-562A.
CHART VDP AT 1.23 NM TO RW35.
WAAS CHANNEL # 97413
REFERENCE PATH ID: W35A
LTP HAE: 318.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, CAT E 900-3



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	1347	1/2	200	1347	1/2	200	1347	1/2	200	1347	1/2	200	1347	1/2	200
LNAV/VNAV DA	1397	1/2	250	1397	1/2	250	1397	1/2	250	1397	1/2	250	1397	1/2	250
LNAV MDA	1580	1/2	433	1580	1/2	433	1580	3/4	433	1580	3/4	433	1580	3/4	433
CIRCLING	1760	1	593	1760	1	593	1820	1 3/4	653	1880	2 1/4	713	2000	3	833

CHANGES - REASONS

1. FEEDER ROUTE FROM ABC VORTAC REMOVED - FPT REQUESTED.
2. DELETED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT IFI VORTAC ON V140 SOUTHWEST BOUND" - FPT REQUEST.
3. UPDATED PBN EQUIPMENT REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH-GPS - 8260.19I.
4. FPAP CHANGED FROM 362316.6085N/0974727.8735W TO 362316.6085N/0974727.8710W - TARGETS BUILD.
5. CRC REMAINDER CHANGED FROM B247CF29 TO 2A214B01 - FPAP LAT/LONG CHANGED.
6. UPDATED UNCOMPENSATED BARO-VNAV NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - 8260.19I.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC ARTCC, VANCE APP CON, WOODRING TOWER, AMGR

FLIGHT CHECKED BY

MICHAEL S MILLER

*Digitally signed by***JULIE A MORGAN**

Aug 26, 2021

OFFICE

FICO

DATE

08/13/2021

DEVELOPED BY

STEVEN DOUGHERTY

*Digitally signed by***JULIE A MORGAN**

Aug 26, 2021

OFFICE

AJV-A411

DATE

06/10/2021

APPROVED BY

JULIE MORGAN

*Digitally signed by***JULIE A MORGAN**

Aug 26, 2021

OFFICE

AJV-A410

DATE**TITLE**
MANAGER

QUALITY
19
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KWDG
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	362147.3850N
LTP/FTP LONGITUDE	0974727.9120W
LTP/FTP ELLIPSOIDAL HEIGHT	+03188
FPAP LATITUDE	362316.6085N
FPAP LONGITUDE	0974727.8710W
THRESHOLD CROSSING HEIGHT (TCH)	00059.6
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)	35.0
 CRC REMAINDER	 2A214B01

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03466
FPAP ORTHOMETRIC HEIGHT	+03466

