

**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> KFYG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> WASHINGTON	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 488	<u>TDZE</u> 485	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/22/2009	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 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>
IMPER		OJEQY		TF	FB	1.00	269.21	18.69	2800
STEER		UHMAM		TF	FB	1.00	072.88	7.32	2700
UHMAM	IAF	WEXJI	NOPT	TF	FB	1.00	063.05	5.00	2700
OJEQY	IAF	WEXJI	NOPT	TF	FB	1.00	243.17	5.00	2700
WEXJI	IF/IAF	ESTUQ		TF	FB	1.00	333.11	6.13	2100
ESTUQ	FAF	HISZY/2.30 NM TO RW33		TF	FB	0.30	333.08	2.57	
HISZY/2.30 NM TO RW33		RW33	MAP	TF	FO	0.30	333.08	2.30	
RW33	MAP	823 MSL		CA			333.08		
823 MSL		EQAXO		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT EQAXO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE WEXJI, RT, 333.11 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 333.08FAF: ESTUQDIST FAF TO MAP:DIST FAF TO THLD:

4. MIN ALT: WEXJI 2700, ESTUQ 2100, HISZY/2.30 NM TO RW33 1260

5. DIST TO THLD FROM OM:MM:IM:150 HAT:338 HAT: 0.91GS ANT:

6. MIN GP INCPT: 2100GP ALT AT FAF : ESTUQ 2100OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 42.6

8. MSA FROM: RW33 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STEER ON V14 AND V88 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IMPER ON V238 NORTHEAST BOUND AND V9-335 SOUTH BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.48 NM TO RW33.
HOLD NW, RT, 152.99 INBOUND.
CHART FAS OBST: 739 TREE 383449N/0905836W.
WAAS CHANNEL # 45715
REFERENCE PATH ID: W33A
CHART CIRCLING ICON.
LTP HAE: 116.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1100-3, 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	823	1	338	823	1	338	823	1	338		NA				
LNAV/VNAV DA	1050	1 5/8	565	1050	1 5/8	565	1050	1 5/8	565		NA				
LNAV MDA	1000	1	515	1000	1	515	1000	1 3/8	515		NA				
CIRCLING	1220	1	732	1260	1	772	1520	3	1032		NA				



CHANGES - REASONS

1. REPLACED CHART NOTE "DME/DME RNP-0.3 NA" WITH PBN REQUIREMENTS NOTE: "RNP APCH - GPS" - 8260.19H 8-6-8 B
2. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - IAW 8260.19H.
3. ADDED 20:1 IS CLEAR TO LINE 7 - 8260.19I
4. INCORPORATED P-NOTAM 0/5642 - 8260.19I
5. CIRCLING CAT C MINIMUMS CHANGED FROM MDA 1260/HAA 772 TO MDA 1520/HAA 1032; CIRCLING CAT C VIS CHANGED FROM 2 1/4 TO 3 SM - NEW CONTROLLING OBSTACLE FOR CAT C.
6. FAS DATA: CHANGED CRC REMAINDER FROM 35029906 TO 2C4A9328 - LTP/FTP LAT/LONG CHANGED FROM 383453.0770N/0905923.9130W TO 383453.0765N/0905923.9125W, FPAP LAT/LONG CHANGED FROM 383613.2700N/0910013.6500W TO 383613.2785N/0910013.6285W, AND ELLIPSOIDAL HEIGHT CHANGED FROM +01167 TO +01166.
7. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT IMPER VIA V238 NORTHEAST BOUND, AND ARRIVALS AT STEER VIA V14 AND V88 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT IMPER ON V238 NORTHEAST BOUND AND V9-335 SOUTH BOUND" AND "PROCEDURE NA FOR ARRIVALS AT STEER ON V14 AND V88 SOUTHWEST BOUND" - PER FPT CHECKLIST AND MAP VOR MON.
8. REMOVED ALL SECONDARY ALTIMETER NOTES - MOVED TO -9 AS CONTINGENCY NOTE.
9. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED.
10. ADDED 34:1 IS CLEAR TO LINE 7 - 8260.19I
11. REMOVED HELICOPTER VISIBILITY NOTE - 34:1 IS CLEAR.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, ZKC, ARPT MGR, MISSOURI ST AERO

FLIGHT CHECKED BY

MATTHEW R BUFORD

*Digitally signed by***DONALD H LANIER**

May 12, 2021

OFFICE

FICO

DATE

05/11/2021

DEVELOPED BY

JON DENTON (LORRI DOWNEY)

*Digitally signed by***DONALD H LANIER****OFFICE**

AJV-A432

DATE

12/18/2020

APPROVED BY

LONNIE EVERHART

May 12, 2021

*Digitally signed by***DONALD H LANIER**

May 12, 2021

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	KFYG
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	383453.0765N
LTP/FTP LONGITUDE	0905923.9125W
LTP/FTP ELLIPSOIDAL HEIGHT	+01166
FPAP LATITUDE	383613.2785N
FPAP LONGITUDE	0910013.6285W
THRESHOLD CROSSING HEIGHT (TCH)	00042.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2C4A9328

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01479
FPAP ORTHOMETRIC HEIGHT	+01479

