

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33							Bearings, headings, courses, 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 in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3000 DIRECT GLOMS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 135.62 INBOUND. CHART FAS OBST: 829 TREE 411651N/0914004W DISTANCE TO THLD FROM 250 HAT: 0.68 NM. CHART VDP AT 0.91 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 90538 REFERENCE PATH ID: W31A CHART CIRCLING ICON. LTP HAE: 197 M						
KILKE (IF/IAF)		JAVMO (FB)			315.85 / 6.00			2400								
JAVMO (FAF)		HUDUM/1.60 NM TO RW31 (FB)			315.79 / 3.46											
HUDUM/1.60 NM TO RW31		RW31 (MAP) (FO)			315.79 / 1.60											
RW31 (MAP)		1004 MSL			315.79			3000								
1004 MSL		GLOMS (FO)														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE KILKE, RT, 315.85 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 315.79 FAF: JAVMO DIST FAF TO MAP: 5.06 THLD: 5.06 4. MIN. ALT: KILKE 3000, JAVMO 2400, HUDUM/1.60 NM TO RW31 1280* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: JAVMO 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 33.7 34:1 IS NOT CLEAR 8. MSA FROM: _____																
										MAG VAR: 1W			EPOCH YEAR: 2020			
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @							
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1004	1	250	1004	1	250	1004	1	250		NA					
LNAV/VNAV DA	1004	1	250	1004	1	250	1004	1	250		NA					
LNAV MDA	1080	1	326	1080	1	326	1080	1	326		NA					
CIRCLING	1200	1	446	1240	1	486	1500	2 1/4	746		NA					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -6C (22F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING IOWA CITY ALTIMETER SETTING. (CONTINUED ON PAGE 2)																
CITY AND STATE WASHINGTON, IA		ELEVATION: 754 TDZE: 754 AIRPORT NAME: WASHINGTON MUNI			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG, 03/31/2016				SUP:					
											AMDT: NONE					
											DATED					

QUALITY
 18
 CHECKED

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IOWA CITY ALTIMETER SETTING: INCREASE LPV AND LNAV/VNAV DA TO 1066 FEET AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 80 FEET AND LNAV AND CIRCLING VISIBILITY CAT C 1/4 MILE.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	226/30 CW 046/30 (NOPT)	226/25 CW 046/25	3100
2.	226/25 CW 046/25	KILKE (IF/IAF) (FB)	3000
3.	046/30 CW 226/30	KILKE (IF/IAF) (FO)	3000

QUALITY
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CITY AND STATE

WASHINGTON, IA

ELEVATION: 754**TDZE: 754**

AIRPORT NAME:

WASHINGTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG, 03/31/2016

SUP:

AMDT: **NONE**

DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAWG
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	411627.3775N
LTP/FTP LONGITUDE	0914015.5400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01970
FPAP LATITUDE	411730.1200N
FPAP LONGITUDE	0914139.4980W
THRESHOLD CROSSING HEIGHT (TCH)	00033.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 DEA15A7E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02299
FPAP ORTHOMETRIC HEIGHT	+02299

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				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KAWG

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
KILKE	010	KILKE	HF	FO		315.9			R			AA 03000		EE A
	010	KILKE	IF	FB								AA 03000		E I
	020	JAVMO	TF	FB	1.0	315.9						AA 02400		E F
	021	HUDUM	TF	FB	0.3	315.8		3.00				AA 01280 GS 01298		E S
	030	RW31	TF	FO	0.3	315.8		3.00				AT 00788		GY M
	040		CA	FB		315.8						AA 01004		M
	050	GLOMS	DF	FO								AA 03000		EY
	060	GLOMS	HM	FO		135.6			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
GLOMS	N412437.73	W0915113.61
HUDUM	N411519.77	W0913845.11
JAVMO	N411253.38	W0913529.69
KILKE	N410839.47	W0912951.53

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW31	N411627.38	W0914015.54	00754	33.7

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CITY AND STATE WASHINGTON, IA	ELEVATION: 754 TDZE: 754	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: WASHINGTON MUNI	RNAV	RNAV (GPS) RWY 31, ORIG, 03/31/2016	AMDT: NONE
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