

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: RW13 CLIMB TO 3000 DIRECT KILKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 315.85 INBOUND. CHART FAS OBST: 1065 ANT 411818N/0914236W DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.66 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 63138 REFERENCE PATH ID: W13A CHART CIRCLING ICON. LTP HAE: 196.5 M						
GLOMS (IF/IAF)		WIROT (FB)		135.62 / 6.00				2400								
WIROT (FAF)		RW13 (MAP) (FO)		135.68 / 5.06												
RW13 (MAP)		1003 MSL		135.68				3000								
1003 MSL		KILKE (FO)														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW GLOMS, RT, 135.62 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 135.68 FAF: WIROT DIST FAF TO MAP: 5.06 THLD: 5.06 4. MIN. ALT: GLOMS 3000, WIROT 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: WIROT 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 36.7 34:1 IS 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	1003	1	250	1003	1	250	1003	1	250		NA					
LNAV/VNAV DA	1205	1 5/8	452	1205	1 5/8	452	1205	1 5/8	452		NA					
LNAV MDA	1320	1	567	1320	1	567	1320	1 5/8	567		NA					
CIRCLING	1320	1	566	1320	1	566	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: BARO-VNAV AND VDP NA WHEN USING IOWA CITY ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IOWA CITY ALTIMETER SETTING: INCREASE (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 754 TDZE: 753			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
WASHINGTON, IA		AIRPORT NAME: WASHINGTON MUNI						RNAV (GPS) RWY 13, ORIG, 03/31/2016				AMDT: NONE				
												DATED				

QUALITY
 18
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

LPV DA TO 1065 FEET, LNAV/VNAV DA TO 1267 FEET AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 80 FEET AND LNAV AND CIRCLING VISIBILITY CAT C 1/4 MILE.

TAA

	FROM	TO	ALT
1.	046/30 CW 226/30 (NOPT)	046/25 CW 226/25	3300
2.	046/25 CW 226/25	GLOMS (IF/IAF) (FB)	3000
3.	226/30 CW 046/30	GLOMS (IF/IAF) (FO)	3300

QUALITY
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CITY AND STATE WASHINGTON, IA	ELEVATION: 754 AIRPORT NAME: WASHINGTON MUNI	TDZE: 753 FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, 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**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAWG
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	411651.0265N
LTP/FTP LONGITUDE	0914047.1815W
LTP/FTP ELLIPSOIDAL HEIGHT	+01965
FPAP LATITUDE	411548.2785N
FPAP LONGITUDE	0913923.2450W
THRESHOLD CROSSING HEIGHT (TCH)	00036.7
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

CRC REMAINDER

F1F431E8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02294
FPAP ORTHOMETRIC HEIGHT	+02294

QUALITY
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CHECKED

CITY AND STATE

WASHINGTON, IA

ELEVATION: 754

TDZE: 753

AIRPORT NAME:

WASHINGTON MUNI

 FACILITY
IDENTIFIER:

RNAV

 PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG, 03/31/2016

SUP:

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
GLOMS	010	GLOMS	HF	FO		135.6			R			AA 03000		EE A
	010	GLOMS	IF	FB								AA 03000		E I
	020	WIROT	TF	FB	1.0	135.6						AA 02400		E F
	030	RW13	TF	FO	0.3	135.7		3.00				AT 00789		GY M
	040		CA	FB		135.7						AA 01003		M
	050	KILKE	DF	FO								AA 03000		EY
	060	KILKE	HM	FO		315.9		R				AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
GLOMS	N412437.73	W0915113.61
KILKE	N410839.47	W0912951.53
WIROT	N412024.61	W0914533.40

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW13	N411651.03	W0914047.18	00753	36.7

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	AIRPORT NAME: WASHINGTON MUNI			AMDT: NONE
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