

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: RW18					
GANAD (IF/IAF)		DORPE (FB)		184.08 / 6.02				2400		CLIMB TO 3000 DIRECT BEHTY AND HOLD.					
DORPE (FAF)		AMONE/1.60 NM TO RW18 (FB)		184.07 / 3.44											
AMONE/1.60 NM TO RW18		RW18 (MAP) (FO)		184.07 / 1.60											
RW18 (MAP)		1002 MSL		184.07											
1002 MSL		BEHTY (FO)						3000		ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.06 INBOUND. CHART FAS OBST: 931 ANT 411807N/0914120W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. WAAS CHANNEL # 45816 REFERENCE PATH ID: W18A CHART CIRCLING ICON LTP HAE: 196.1 M					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. HOLD N GANAD, RT, 184.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF)															
3. FAC: 184.07 FAF: DORPE DIST FAF TO MAP: 5.04 THLD: 5.04															
4. MIN. ALT: GANAD 3000, DORPE 2400, AMONE/1.60 NM TO RW18 1300*															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2400 GS ALT AT: DORPE 2400 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 45.0 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	1002	1	250	1002	1	250	1002	1	250		NA				
LNAV/VNAV DA	1054	1	302	1054	1	302	1054	1	302		NA				
LNAV MDA	1160	1	408	1160	1	408	1160	1 1/8	408		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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). *LNAV ONLY (CONTINUED ON PAGE 2)															
CITY AND STATE WASHINGTON, IA		ELEVATION: 754 TDZE: 752 AIRPORT NAME: WASHINGTON MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1, 03/31/2016				SUP: AMDT: ORIG DATED 04/08/2010					



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

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NOTES, (CONT.):
CHART NOTE: BARO-VNAV NA WHEN USING IOWA CITY ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IOWA CITY ALTIMETER SETTING: INCREASE
LPV DA TO 1064 FEET, LNAV/VNAV DA TO 1116 FEET AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80
FEET AND LNAV AND CIRCLING VISIBILITY CAT C 1/4 MILE.

TAA	FROM	TO	ALT
1.	094/30 CW 274/30 (NOPT)	094/15 CW 274/15	3300
2.	094/15 CW 274/15	GANAD (IF/IAF) (FB)	3000
3.	274/30 CW 094/30	GANAD (IF/IAF) (FO)	3000



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					AMDT: ORIG
					DATED: 04/08/2010

**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	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	411646.4575N
LTP/FTP LONGITUDE	0914034.5635W
LTP/FTP ELLIPSOIDAL HEIGHT	+01961
FPAP LATITUDE	411517.4370N
FPAP LONGITUDE	0914040.8905W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	E0FCD439
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02289
FPAP ORTHOMETRIC HEIGHT	+02289

QUALITY
18
CHECKED

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				AMDT: ORIG
				DATED: 04/08/2010

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
GANAD	010	GANAD	HF	FO		184.1			R			AA 03000		EE A
	010	GANAD	IF	FB								AA 03000		E I
	020	DORPE	TF	FB	1.0	184.1						AA 02400		E F
	021	AMONE	TF	FB	0.3	184.1		3.00				AA 01300 GS 01306		E S
	030	RW18	TF	FO	0.3	184.1		3.00				AT 00796		GY M
	040		CA	FB		184.1						AA 01002		M
	050	BEHTY	DF	FO								AA 03000		EY
	060	BEHTY	HM	FO		004.1			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AMONE	N411822.37	W0914027.74
BEHTY	N410505.17	W0914124.28
DORPE	N412148.39	W0914013.07
GANAD	N412749.26	W0913947.31

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW18	N411646.46	W0914034.56	00751	45

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