

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MUQXU (IAF)	FULLE (NOPT) (FB)	283.72 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW19 CLIMB TO 4000 DIRECT OHFAH AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 013.54 INBOUND. CHART FAS OBST: 1154 PLANT 420131N/0933629W CHART FAS OBST: 1068 ANT 420109N/0933725W CHART 1529 TOWER 420314N/0933516W. DISTANCE TO THLD FROM 250 HAT: 0.69 NM. WAAS CHANNEL # 61217 REFERENCE PATH ID: W19A
IWIQA (IAF)	FULLE (NOPT) (FB)	103.58 / 5.00	3000	
FULLE (IF/IAF)	AILEN (FB)	193.65 / 6.02	2600	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD N FULLE, LT, 193.65 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 193.62 FAF: AILEN DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: FULLE 3000, AILEN 2600, FEKHO/3.00 NM TO RW19 1920'
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2600 GS ALT AT: AILEN 2600 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 48.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3E EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:	STANDARD	X	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	1187	1	250	1187	1	250	1187	1	250				NA			
LNAV/VNAV DA	1352	1 1/2	415	1352	1 1/2	415	1352	1 1/2	415				NA			
LNAV MDA	1420	1	483	1420	1	483	1420	1 1/4	483				NA			
CIRCLING	1440	1	484	1440	1	484	1460	1 1/2	504				NA			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING ANKENY ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
 CHART NOTE: DME/OME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

CITY AND STATE AMES, IA	ELEVATION: 956 TDZE: 937 AIRPORT NAME: AMES MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, AMDT 1 03 JUN 2010	SUP: AMDT: ORIG-A DATED: 07/03/2008
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**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ANKENY ALTIMETER SETTING AND INCREASE ALL DA 49 FEET AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE. INCREASE ALL MDA 60 FEET AND LNAV CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	104/30 CW 284/30 (NOPT)	FULLE (IF/IAF) (FB)	3000
2.	284/30 CW 014/30	MUQXU (IAF) (FB)	4000
3.	014/30 CW 104/30	IWIQA (IAF) (FB)	4000

CITY AND STATE AMES, IA	ELEVATION: 956 TDZE: 937	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME: AMES MUNI		RNAV (GPS) RWY 19, AMDT 1	AMDT: ORIG-A
			03 JUN 2010	DATED: 07/03/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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	KAMW
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	415951.6935N
LTP/FTP LONGITUDE	0933707.5535W
LTP/FTP ELLIPSOIDAL HEIGHT	+02505
FPAP LATITUDE	415826.2700N
FPAP LONGITUDE	0933741.6800W
THRESHOLD CROSSING HEIGHT (TCH)	00048.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 8D6F927A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02801
FPAP ORTHOMETRIC HEIGHT	+02801

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