

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SIQGE (IAF)	BIGEN (NOPT) (FB)	223.12 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW13  CLIMB TO 3000 DIRECT MOXIW AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.33 INBOUND. CHART FAS OBST: 1152 TANK 420039N/0933930W CHART FAS OBST: 1087 ANT ON BLDG 420008N/0933843W CHART 1406 TOWER 420218N/0934054W. DISTANCE TO THLD FROM 294 HAT: 0.80 NM. WAAS CHANNEL # 63117 REFERENCE PATH ID: W13A
OYJUQ (IAF)	BIGEN (NOPT) (FB)	043.02 / 5.00	3000	
BIGEN (IF/IAF)	AFFIC (FB)	133.07 / 6.02	2600	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)

2. HOLD NW BIGEN, RT, 133.07 INBOUND, 3000 FT. IN LIEU OF PT (IAF)

3. FAC: 133.14 FAF: AFFIC DIST FAF TO MAP: 5.05 THLD: 5.05

4. MIN. ALT: BIGEN 3000, AFFIC 2600, GIJLE/2.60 NM TO RW13 1780'

5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:       

6. MIN GS INCPT: 2600 GS ALT AT: AFFIC 2600 OM:        MM:        IM:       

7. GS ANGLE: 3.00 TCH: 43.0 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: NA						
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	1224	1	294	1224	1	294	1224	1	294						
LNAV/VNAV DA	1478	2	548	1478	2	548	1478	2	548						
LNAV MDA	1420	1	490	1420	1	490	1420	1 1/4	490						
CIRCLING	1440	1	484	1440	1	484	1460	1 1/2	504						

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/DME RNP-0.3 NA.  
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 SEE 8260-10

CITY AND STATE	ELEVATION: 966 TDZE: 930	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AMES, IA	AIRPORT NAME: AMES MUNI		RNAV (GPS) RWY 13, AMDT 1 03 JUN 2010	AMDT: ORIG-B DATED 09/25/2008

**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 LPV 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.	043/30 CW 223/30 (NOPT)	BIGEN (IF/IAF) (FB)	3000
2.	223/30 CW 313/30	SIQGE (IAF) (FB)	3000
3.	313/30 CW 043/30	OYJUQ (IAF) (FB)	4000

CITY AND STATE

AMES, IA

ELEVATION: 956 TDZE: 930

AIRPORT NAME:

AMES MUNI

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

03 JUN 2010

SUP:

AMDT: ORIG-B

DATED: 09/25/2008

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	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	415954.6580N
LTP/FTP LONGITUDE	0933734.9140W
LTP/FTP ELLIPSOIDAL HEIGHT	+02525
FPAP LATITUDE	415850.3300N
FPAP LONGITUDE	0933612.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00043.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1688
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B60CD327

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02820
FPAP ORTHOMETRIC HEIGHT	+02820

CITY AND STATE  
 AMES, IA

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