

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.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3000 DIRECT BIGEN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 133.07 INBOUND. CHART FAS OBST: 1059 TREE 415829N/0933625W CHART 1189 SILO 415653N/0933341W. DISTANCE TO THLD FROM 275 HAT: 0.78 NM. WAAS CHANNEL # 90517 REFERENCE PATH ID: W31A								
IWELA (IAF)	MOXIW (NOPT) (FB)	043.28 / 5.00	3000									
OYTOV (IAF)	MOXIW (NOPT) (FB)	223.38 / 5.00	3000									
MOXIW (IF/IAF)	OSEWE (FB)	313.33 / 7.91	2600									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE MOXIW, RT, 313.33 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 313.25 FAF: OSEWE DIST FAF TO MAP: 5.09 THLD: 5.09 4. MIN. ALT: MOXIW 3000, OSEWE 2600, HEGBO/1.90 NM TO RW31 1560* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2600 GS ALT AT: OSEWE 2600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 36.0 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	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
LPV DA	1205	1	275	1205	1	275	1205	1	275	NA		
LNAV/VNAV DA	1436	1 3/4	506	1436	1 3/4	506	1436	1 3/4	506	NA		
LNAV MDA	1320	1	390	1320	1	390	1320	1	390	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. 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: 956 TDZE: 930		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
AMES, IA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, AMDT 1			AMDT: ORIG-A			
		AMES MUNI				03 JUN 2010			DATED 07/03/2008			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

*RNAV ONLY

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

TAA

	FROM	TO	ALT
1.	223/30 CW 346/30 (NOPT)	MOXIW (IF/IAF) (FB)	3000
	346/10 CW 043/10	MOXIW (IF/IAF) (FB)	3000
2.	346/30 CW 043/30 (NOPT)	346/10 CW 043/10	3100
3.	043/30 CW 133/30	IWELA (IAF) (FB)	4000
4.	133/30 CW 223/30	OYTOV (IAF) (FB)	3000

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 31, AMDT 1

03 JUN 2010

SUP:

AMDT: ORIG-A

DATED: 07/03/2008

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KAMW
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 415929.7685N
LTP/FTP LONGITUDE 0933702.9105W
LTP/FTP ELLIPSOIDAL HEIGHT +02508
FPAP LATITUDE 420034.1000N
FPAP LONGITUDE 0933825.6300W
THRESHOLD CROSSING HEIGHT (TCH) 00036.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDE PATH 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

FE6705C5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02805
FPAP ORTHOMETRIC HEIGHT +02805

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[illegible][illegible][illegible][illegible]

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 31, AMDT 1 03 JUN 2010	SUP:
				AMDT: ORIG-A
				DATED: 07/03/2008

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