

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.

NOTES, (CONT.):

INCREASE ALL DA 76 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

TAA

	FROM	TO	ALT
1.	216/30 CW 036/30 (NOPT)	216/7 CW 036/7	3100
2.	216/7 CW 036/7	HOVRA (IF/IAF) (FB)	2700
3.	036/30 CW 216/30	HOVRA (IF/IAF) (FO)	2700

QUALITY
6
CHECKED

CITY AND STATE
MUSCATINE, IA

ELEVATION: 547 THRE: 543
AIRPORT NAME:
MUSCATINE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 30, ORIG
13 NOVEMBER 2014

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	KMUT
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W30A
REFERENCE PATH IDENTIFIER (APPROACH ID)	412201.1250N
LTP/FTP LATITUDE	0910843.7020W
LTP/FTP LONGITUDE	+01326
LTP/FTP ELLIPSOIDAL HEIGHT	412252.3480N
FPAP LATITUDE	0911020.5640W
FPAP LONGITUDE	00040.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1528
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

BE283BD3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01655
FPAP ORTHOMETRIC HEIGHT	+01655

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMUTK3FR30	AHOVRA	010HOVRAK5EA0EE	AR	HF			30620040	+	02700	18000		A	JS
SUSAP KMUTK3FR30	R	010HOVRAK5EA0E	I	IF				+	02700	18000		A	JS
SUSAP KMUTK3FR30	R	020WONUMK5EA1E	F	051TF			30620060	+	02300			A	JS
SUSAP KMUTK3FR30	R	020WONUMK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KMUTK3FR30	R	021EMQIBK5EA0E	S	031TF			30610036	V	0114001156	-300		A	JS
SUSAP KMUTK3FR30	R	030RW30 K3PGOGY	M	031TF			30610018		00583	-300		A	JS
SUSAP KMUTK3FR30	R	040	0	M	CA		3061	+	00743			A	JS
SUSAP KMUTK3FR30	R	050YEBTYK3EA0EY		DF				+	02600			A	JS
SUSAP KMUTK3FR30	R	060YEBTYK3EA0EE	R	HM			12590040	+	02600			A	JS

[illegible][illegible]

CITY AND STATE
MUSCATINE, IA

ELEVATION: 547	THRE: 543
AIRPORT NAME:	
MUSCATINE MUNI	

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 30, ORIG
 13 NOVEMBER 2014

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HOVRA	HOVRA	010	IAF	HF	R	FO		306.2(305.2T)	004.0	AA 02700	
		HOVRA	010	FACF	IF		FB				AA 02700	
		WONUM	020	FAF	TF		FB	0.5	306.2(305.2T)	006.0	AA 02300	
		EMQIB	021	SDF	TF		FB	0.3	306.1(305.1T)	003.6	AA 01140	GS 01156
		RW30	030	MAP	TF		FO	0.3	306.1(305.1T)	001.8	AT 00583	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		306.1(305.1T)		AA 00743	
	YEET	050		DF		FO				AA 02600	
	YEET	060		HM	R	FO		125.9(124.9T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EMQIB	N412059.01	W0910646.35	N4120.984	W09106.773
	HOVRA	N411527.44	W0905622.09	N4115.457	W09056.368
	WONUM	N411854.97	W0910252.40	N4118.916	W09102.873
	YEET	N412845.65	W0912131.03	N4128.761	W09121.517
	RW30	N412201.13	W0910843.70	N4122.019	W09108.728

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00543	40

QUALITY
6
CHECKED

CITY AND STATE MUSCATINE, IA	ELEVATION: 547	THRE: 543	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 30, ORIG	AMDT: NONE
	MUSCATINE MUNI	RNAV	13 NOVEMBER 2014	DATED:	