

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		
OTEEN (IF/IAF)	UNNAS (FB)	335.05 / 6.10	2600	LPV: DA LNAV/VNAV: DA LNAV: RW33	
UNNAS (FAF)	HUGEP/1.90 NM TO RW33 (FB)	335.02 / 2.81		CLIMB TO 3000 DIRECT WEVEM AND HOLD.	
HUGEP/1.90 NM TO RW33	RW33 (MAP) (FO)	335.02 / 1.90			
RW33 (MAP)	1309 MSL	335.02			
1309 MSL	WEVEM (FO)		3000	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 154.92 INBOUND. CHART FAS OBST: 1199 TREE 375745N/0924145W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 1.13 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 97419 REFERENCE PATH ID: W33A LTP HAE: 291.4 M	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE OTEEN, RT, 335.05 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 335.02 FAF: UNNAS DIST FAF TO MAP: 4.71 THLD: 4.71
4. MIN. ALT: OTEEN 3000, UNNAS 2600, HUGEP/1.90 NM TO RW33 1700*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2600 GS ALT AT: UNNAS 2600 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 0E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF:	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	DH/MDA	VIS	HAT/HAA
LPV DA	1309	7/8	250	1309	7/8	250									
LNAV/VNAV DA	1457	1 3/8	398	1457	1 3/8	398									
LNAV MDA	1460	1	401	1460	1	401									
CIRCLING	1540	1	479	1540	1	479			NA			NA			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEE C FINE MEMORIAL ALTIMETER SETTING
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
CHECKED
2

CITY AND STATE CAMDENTON, MO	ELEVATION: 1061 THRE: 1059 AIRPORT NAME: CAMDENTON MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 25 JULY 2013	SUP: AMDT: ORIG DATED 09/23/2010
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RNAV - STANDARD
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NOTES, (CONT.):
 AND INCREASE ALL DA 50 FT, ALL MDA 60 FT, AND INCREASE LPV ALL CATS AND LNAV/VNAV ALL CATS
 VISIBILITY 1/8 MILE.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LEE C FINE MEMORIAL ALTIMETER SETTING.

TAA	FROM	TO	ALT
1.	245/30 CW 065/30 (NOPT)	245/5 CW 065/5	3100
2.	245/5 CW 065/5	OTEEN (IF/IAF) (FB)	3000
3.	065/30 CW 245/30	065/5 CW 245/5	3100
4.	065/5 CW 245/5	OTEEN (IF/IAF) (FO)	3000

QUALITY
 2
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CITY AND STATE CAMDENTON, MO	ELEVATION: 1061 THRE: 1059	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 25 JULY 2013	SUP:
	AIRPORT NAME: CAMDENTON MEMORIAL			AMDT: ORIG
				DATED: 09/23/2010

**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	H21
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	375808.3700N
LTP/FTP LONGITUDE	0924117.7300W
LTP/FTP ELLIPSOIDAL HEIGHT	+02914
FPAP LATITUDE	375829.2000N
FPAP LONGITUDE	0924205.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
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>	 30870612

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03228
FPAP ORTHOMETRIC HEIGHT	+03228

QUALITY
2
CHECKED

CITY AND STATE CAMDENTON, MO	ELEVATION: 1061 THRE: 1059 AIRPORT NAME: CAMDENTON MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 25 JULY 2013	SUP:
				AMDT: ORIG
				DATED: 09/23/2010

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
	OTEEN	OTEEN	010	IAF	HF	R	FO		335.1 (335.1T)	004.0	AA 03000	
		OTEEN	010	FACF	IF		FB				AA 03000	
		UNNAS	020	FAF	TF		FB	0.5	335.1 (335.1T)	006.1	AA 02600	
		HUGEP	021	SDF	TF		FB	0.3	335.0 (335.0T)	002.8	AA 01700	GS 01704
		RW33	030	MAP	TF		FO	0.3	335.0 (335.0T)	001.9	AT 01099	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		335.0 (335.0T)		AA 01309	
	WEVEM	050		DF		FO				AA 03000	
	WEVEM	060		HM	R	FO		154.9 (154.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUGEP	N375624.94	W0924016.80	N3756.416	W09240.280
	OTEEN	N374819.78	W0923531.73	N3748.330	W09235.529
	UNNAS	N375351.78	W0923846.68	N3753.863	W09238.778
	WEVEM	N380828.19	W0924724.09	N3808.470	W09247.402
	RW33	N375808.37	W0924117.73	N3758.140	W09241.296

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	01059	40

QUALITY
2
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CITY AND STATE CAMDENTON, MO	ELEVATION: 1061 THRE: 1059	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CAMDENTON MEMORIAL		RNAV (GPS) RWY 33, AMDT 1	AMDT: ORIG
			25 JULY 2013	DATED: 09/23/2010