

U.S. 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	LNAV: RW33
HAROD (40E)	BACNA (TF) (FB) (40E)	251.01/5.55	2500	CLIMB TO 2500 DIRECT AGACI AND HOLD.
PENDS (40E)	BICAD (TF) (FB) (40E)	017.99/11.43	2500	
BACNA (IAF) (40E) (43A)	AKUYA (TF) (FB) (NOPT) (40E) (41E)	243.49/5.00	2500	
BICAD (IAF) (40E) (43A)	AKUYA (TF) (FB) (NOPT) (40E) (41E)	063.37/5.00	2500	
AKUYA (IF/IAF) (40E) (43I)	AVACE (TF) (FB) (40E) (43F)	333.43/6.00	2500	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 153.27 INBOUND FAS OBST: 936 TREES 402853N/0854108W AVACE TO RW33: 3.00/34 ROUTE TYPE DESCRIPTION: P, A APPROACH ROUTE QUALIFIER 2: S
RW33 (MAP) (40G) (41Y) (43M)	1200 MSL (CA) (42M)	333.39		
1200 MSL	AGACI (DF) (FO) (40E) (41E) (43H)		2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE, AKUYA, RT, 333.43 INBOUND, 2500 FT IN LIEU OF PT (IAF) (40E) (41E) (43C)
- FAC: 333.39 FAF: AVACE DIST FAF TO MAP: 5.08 THLD: 5.08
- MIN. ALT: AKUYA 2500, AVACE 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW33 2900

MAG VAR: 3W EPOCH YEAR: 85

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
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
LNAV MDA	1200	1	342	1200	1	342	1200	1	342	1200	1 1/4	342			
CIRCLING	1280	1	421	1320	1	461	1320	1 1/2	461	1420	2	561			

NOTES: CHART NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE ALTIMETER SETTING, AND INCREASE ALL MDAs 100 FEET. DME/DME RNP -0.3 NA. CIRCLING TO RWY 15 NA AT NIGHT. WHEN VGSI INOP, STRAIGHT-IN/ CIRCLING RWY 33 PROCEDURE NA AT NIGHT
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PENDS VIA V14-192-210 SOUTHWESTBOUND, AND ARRIVALS AT HAROD VIA V221 NORTHEASTBOUND

CITY AND STATE	ELEVATION: 859 TDZE: 858	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MARION, IN	AIRPORT NAME: MARION MUNI	RNAV	SEP 30 2004 RNAV (GPS) RWY 33, ORIG	AMDT: NONE
				DATE