

Bearhawk #164 “Three Sigma” Checkout Report

Date: 20 May 2008

Objective: Calibrate Dynon and micro-Encoder compasses. Determine compass system magnetic deviation (compass correction card)

Procedure:

Calibrate micro-Encoder compass according to manufacturer’s instructions.

Calibrate Dynon compass according to manufacturer’s instructions.

Align fuselage with each point of the Rosamond Skypark compass rose (every 45 degrees) and record Dynon indicated heading.

Results:

For	000	045	090	135
Steer	359	043	087	133
For	180	225	270	315
Steer	176	222	271	315

This compass correction card was posted on the instrument panel.

The micro-Encoder compass output was so far off as to be obviously wrong.

Conclusions:

The compass calibration is complete.

Recommendations:

Have the micro-Encoder compass unit serviced.