

26 April 2021

## LETTER OF AUTHORIZATION

Overview: This letter authorizes modification of the subject aircraft, as specified below, through the addition of a wet magnetic compass to the instrument panel.

Aircraft: NG-5 Bristell S-LSA, s/n 093/2014, registration N593BL  
Total Flight Time: 190 hours

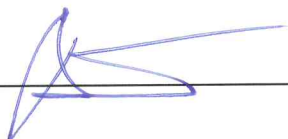
We authorize Prof. H. Paul Shuch, 3550588 LSRM-A, or any other aviation maintenance technician with equivalent appropriate ratings, to perform the following modification to the abovementioned aircraft:

Install a 2 ¼ inch diameter wet magnetic compass into an existing 2 ¼ inch diameter hole in the right-hand side of the aircraft's carbon fiber instrument panel, using brass hardware.

under the conditions as follows:

- The installation(s) must comply with ASTM Standard-F2245-04, Specification for Design and Performance of a Light Sport Aircraft
- The installation(s) to be done in accordance with best practices and procedures outlined in current BRM Aero maintenance manuals
- The installation(s) must be tested for non-interference with aircraft controls, components, or function
- Following installation, the compass must be adjusted to compensate for ambient magnetic interference, calibrated, and a compass correction card affixed to the instrument panel
- The alteration must be recorded in the Airplane Log Book
- Aircraft Weight and Balance data must be updated to reflect new Empty Weight and Empty Center of Gravity, if change is significant

Signed: \_\_\_\_\_



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