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22 August 2016

Mr. Mike O'Neill  
Aeroscan Propeller Metrics  
2633 Lantana Road  
Suite 23, Building 1501  
Lantana, FL 33462

Dear Mike:

This letter is in response to your 16 August 2016 letter requesting Hartzell confirmation of No Technical Objection to the use of the Aeroscan machine for dimensional inspection of Hartzell propeller blades.

As you know, approval of blade dimensional inspection equipment and procedures used during propeller overhaul and repair is ultimately the responsibility of a propeller maintenance organization's aviation authority. Hartzell Propeller Inc. does not have authority to provide such approval; we can only provide input on the acceptability of certain procedures and equipment.

With the above in mind, Hartzell Propeller Inc. confirms we have reviewed the latest, laser-based Aeroscan propeller blade measuring machine (hardware revision # 4 with software revision # 4), and have concluded we have No Technical Objection to its use for determination of final dimensional airworthiness of Hartzell blades under the following conditions:

- Hartzell has No Technical Objection to only the laser-based Aeroscan machine (hardware revision # 4 with software revision # 4). No Technical Objection to later revisions will require Hartzell re-review.
- Regular proper maintenance and calibration of the Aeroscan machine is required per Aeroscan maintenance and operating instructions.
- The Aeroscan machine must be set-up using master blade per Aeroscan instructions.
- Any discrepancies must be investigated immediately, and use of the machine suspended until the cause of the discrepancy is identified and corrected.
- A facility using the Aeroscan must also retain proper inspection equipment to accurately measure blades manually using a blade inspection bench.

- Use of the Aeroscan machine does not preclude the need for propeller repair/overhaul personnel to maintain technical expertise in the inspection and evaluation of Hartzell propeller blades for airworthiness.

As we have discussed, Hartzell has No Technical Objection to the use of Aeroscan as defined above. It is ultimately the responsibility of the maintenance facility to verify the airworthiness of Hartzell blades being returned to service.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark R. Myhr". The signature is fluid and cursive, with a prominent initial "M" and "R".

Manager, Product Support  
Hartzell Propeller Inc.