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Mr. G. Douglas Hanlin
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FAA, Atlanta Aircraft Certification Office
1701 Columbia Avenue
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Date: July 20, 2022

RE: Letter of Engineering Concurrence – AA48108-2/AA48109 Interchangeability

Mr. Hanlin,

The purpose of this letter is to establish Engineering Concurrence between Aero Accessories and the FAA regarding the interchangeability of Aero Accessories AA48108-2 and AA48109 oil filters. These filters utilize the same media and offer the same filtration performance and efficiency. Both models include the same internal bypass valve. The AA48108-2 has a footprint equivalent to the AA48109 oil filter, but is nominally 1-13/16 shorter, which would ease installation difficulty experienced with the AA48109 in some applications. The only difference between these two filters is that the AA48108-2 has less capacity for capturing contaminants than the AA48109. It is important to note that the AA48108-2 size of filter is the only style permitted for installation in conjunction with Stratus Tool Technologies spin-on oil filter adapters, models of which are approved for installation on a variety of big-bore Continental engines, including IO-550 series engines (with sandcast crankcases). I believe this effectively demonstrates that the reduced capacity of the AA48108-2 (relative to the longer AA48109) does not yield any functional issues.

Your timely consideration of this request is greatly appreciated. If you have any questions or wish to discuss further, please do not hesitate to contact me.

Sincerely,


Josh Christopher
Senior Engineering Manager
Aero Accessories, LLC

FAA APPROVED Atlanta Aircraft Certification Office Branch By: <i>George D Hanlin</i> Date: _____
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