



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

Small Airplane Directorate  
Chicago Aircraft Certification Office  
2300 E. Devon Avenue, Room 107  
Des Plaines, IL 60018

August 8, 2016

Mr. Joseph Gordon  
Safe Flight Instrument Corporation  
20 New King Street  
White Plains, NY 10604-1206

Dear Mr. Gordon,

This supplements our letter to you dated July 15, 2015 which referenced your letter of June 30, 2016 submitting your statement certifying that your Safe Flight Angle of Attack (AOA) System, meets the design and performance requirements of FAA memorandum number AIR100-14-110-PM01 for a supplemental angle of attack system and is produced under a quality system that satisfies the requirements of the same memorandum. Based on our acceptance of your statement and 14 CFR 21.8(d), we approve your supplemental angle of attack system as detailed by the part numbers that are shown below:

Article Name	Part Number	Approved Replacement for	FAA Approval Basis and Approved Design Data	Installation Eligibility
SC-C	3704-4 Lift Transducer 1504-4 Indexer Computer	Alteration Part	FAA memorandum number AIR100-14-110-PM01 Drawing: SC-C Rev: Orig. Date: 7/15/15 or later FAA-approved revisions	Aircraft Certified under 14 CFR 23 or earlier regulations, as outlined in FAA memorandum number AIR100-14-110-PM01

In addition we have found that the Safe Flight Speed Control System Installation 56201-1, Rev C (or later FAA approved revision) meets the requirements specified in the Small Aircraft Directorate AoA Installation Instructions Approval Criteria Memorandum dated May 8, 2014 and have approved the document. As evidence of this we have included your document stamped FAA approved.

We also accept the statement that your quality system meets the requirements of the memorandum and is FAA approved as stated in 14 CFR 21.9(a)(2). We authorize production of this supplemental AOA system at your Safe Flight manufacturing facility, located at 20 New King Street White Plains, NY.

All major components of the articles produced under this approval must be permanently and legibly marked with the authorization holder's name, or trademark, or symbol, part number and "14 CFR 21.8(d)".

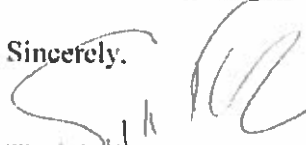
You must allow the FAA to inspect your quality system, facilities, technical data, and any manufactured articles and witness any tests, including any inspections or test at a supplier facility, necessary to investigate any service difficulty or possible non-compliance with the FAA memorandum AIR100-14-110-PM01. Any service difficulties with the AoA system should be reported to the ACO.

You must notify the FAA before making any changes to the location of any of your manufacturing facilities, company name or ownership.

This approval may not be transferred. Any design changes that require the retesting of this AoA must be coordinated with the ACO before introduction into production. Any changes in the quality system must be coordinated with the Kansas City MIDO.

This approval is effective until surrendered, withdrawn or otherwise terminated by the FAA. If you have any questions, please call Roy Boffo, at (847) 294-7564, fax (847) 294-7834, email [roy.boffo@faa.gov](mailto:roy.boffo@faa.gov) or Scott Fohrman, at (847) 294-7136, fax (847) 294-7834, email [scott.fohrman@faa.gov](mailto:scott.fohrman@faa.gov).

Sincerely,



*K-10* Timothy P. Smyth  
Manager, Chicago Aircraft  
Certification Office