



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

March 31, 2016

Mr. Mark Korin  
Alpha Systems AOA  
DepotStar, Inc.  
6180, 140th Ave. NW.  
Ramsey, MN 55303

Dear Mr. Korin,

We received your letter of February 23, 2016 submitting your statement certifying that your Alpha Systems 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 production of your supplemental angle of attack system as detailed below:

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Installation Eligibility:</u>
Mitsubishi Dual Eagle Pressurized AoA kit	DSTR-AOA-9600DPK-MU-2	Alteration Part	FAA memorandum number AIR100-14-110-PM01 Drawing: SCH-006 Rev.: B Date: 9-30-15 or later FAA-approved revisions	MITSUBISHI MU-2B MU-2B-10 MU-2B-20 MU-2B-15 MU-2B-30 MU-2B-35 MU-2B-25 MU-2B-36 MU-2B-26 MU-2B-26A MU-2B-36A MU-2B-40 MU-2B-60

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 Alpha Systems manufacturing facility, located at 6180 140<sup>th</sup> Ave. NW Ramsey, MN 55303.

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)".

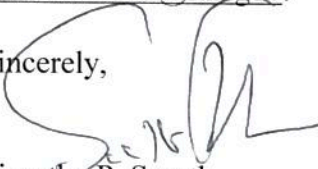
You must allow the FAA to inspect your quality system, facilities, technical data, and any manufactured articles and witness any tests, including any inspections or test at a supplier facility, necessary to investigate any service difficulty or possible non-compliance with the FAA memorandum AIR100-14-110-PM01.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

This approval is effective until surrendered, withdrawn or otherwise terminated by the FAA.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

Sincerely,



Timothy P. Smyth  
Manager, Chicago Aircraft  
Certification Office