



FOR IMMEDIATE
RELEASE

Editorial Contact:

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Alpha Systems AOA system: FAA accepted across GA

July 24, 2015: Alpha Systems AOA announced that all its AOA (angle of attack) systems, covering six models in single and dual displays for pressurized and unpressurized airplanes (24 models in all) have been accepted for installation industry-wide under the requirements of 14 CFR 21.8(d).

This means that customers of AOA Systems can be confident of compliance as they install life-saving AOA instrumentation in their aircraft, without needing to buy an STC or get complicated signoffs.

"We are pleased that the FAA has taken this action and granted this recognition," says Mark Korin, CEO and President of Alpha Systems AOA. "We are also proud that, on the same day this month, FAA told us that our quality system has met the quality standards of 14 CFR 21.9(a)(2), covering our AS9001-compliant factory in Ramsey, Minnesota."

At Airventure Oshkosh, where Alpha Systems is displaying its models in Hangar C, Korin says that its new dichroic-mirror HUD has generated huge interest. "Pilots see that they can now get critical AOA information unobtrusively in their line of sight, as well as on their PFD. A pilot may be in a situation when a quick reference to an easy-to-comprehend and obvious display can save his life. That is when the HUD is most-beneficial."

He notes that student pilots often miss the criticality of understanding AOA, relying on airspeed readings to recognize and avoid stalls; but experienced pilots know that a stall can occur at any speed. Only an AOA indicator can offer the definitive information.

About Alpha Systems AOA:

A division of DepotStar, Inc., Alpha Systems AOA has been in the forefront of angle of attack technology for General Aviation since 1996. Based in Ramsey, MN, it designs and manufactures AOA display solutions for certified and experimental, pressurized and non-pressurized airplanes. This privately-held firm is owned by a pilot whose mission is to improve aircraft operation and flight safety.

Alpha Systems AOA model prices retail starting at \$1995. Student (ground training) versions are also available.

More: www.alphasystemsaoa.com



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

July 10, 2015

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

Dear Mr. Korin,

This is in reply to your letter of May 8, 2015 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 your supplemental angle of attack system, Alpha Systems AOA System, kit part numbers that are shown in the following table:

<i>Description</i>	<i>Part Number</i>
Eagle AOA Kit	DSTR-AOA-9600K
Eagle Pressurized Kit	DSTR-AOA-9600PK
Eagle Dual Display Kit	DSTR-AOA-9600KDUAL
Eagle Pressurized Dual Kit	DSTR-AOA-9600DPK

Falcon AOA Kit	DSTR-AOA-9200K
Falcon Pressurized Kit	DSTR-AOA-9200PK
Falcon Dual Display Kit	DSTR-AOA-9200KDUAL
Falcon Pressurized Dual Kit	DSTR-AOA-9200DPK

Condor AOA Kit	DSTR-AOA-9700K
Condor Pressurized Kit	DSTR-AOA-9700PK
Condor Dual Display Kit	DSTR-AOA-9700KDUAL
Condor Pressurized Dual Kit	DSTR-AOA-9700DPK

<i>Description</i>	<i>Part Number</i>
Hawk AOA Kit	DSTR-AOA-9800K
Hawk Pressurized Kit	DSTR-AOA-9800PK
Hawk Dual Display Kit	DSTR-AOA-9800KDUAL
Hawk Pressurized Dual Kit	DSTR-AOA-9800DPK

Merlin AOA Kit	DSTR-AOA-9900K
Merlin Pressurized Kit	DSTR-AOA-9900PK
Merlin Dual Display Kit	DSTR-AOA-9900KDUAL
Merlin Pressurized Dual Kit	DSTR-AOA-9900DPK

Dragon AOA Kit	DSTR-AOA-9850K
Dragon Pressurized Kit	DSTR-AOA-9850PK
Dragon Dual Display Kit	DSTR-AOA-9850KDUAL
Dragon Pressurized Dual Kit	DSTR-AOA-9850DPK

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 Depot Star manufacturing facility, located at 6180 - 140th Avenue 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)".

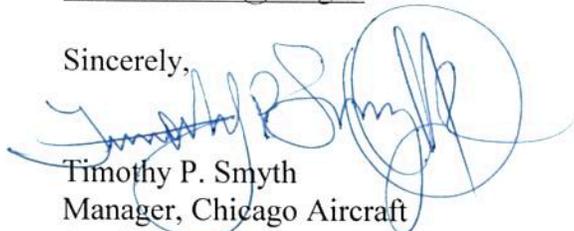
You must allow the FAA to inspect your quality system, facilities, technical data, and any manufactured articles and witness any tests, including any inspections or test at a supplier facility, necessary to investigate any service difficulty or possible non-compliance with the FAA memorandum AIR100-14-110-PM01.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

Sincerely,



Timothy P. Smyth
Manager, Chicago Aircraft
Certification Office