



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 140<sup>th</sup> 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>
<b>Eagle AOA Kit</b>	<b>DSTR-AOA-9600K</b>
Eagle Pressurized Kit	<b>DSTR-AOA-9600PK</b>
Eagle Dual Display Kit	<b>DSTR-AOA-9600KDUAL</b>
Eagle Pressurized Dual Kit	<b>DSTR-AOA-9600DPK</b>

<b>Falcon AOA Kit</b>	<b>DSTR-AOA-9200K</b>
Falcon Pressurized Kit	<b>DSTR-AOA-9200PK</b>
Falcon Dual Display Kit	<b>DSTR-AOA-9200KDUAL</b>
Falcon Pressurized Dual Kit	<b>DSTR-AOA-9200DPK</b>

<b>Condor AOA Kit</b>	<b>DSTR-AOA-9700K</b>
Condor Pressurized Kit	<b>DSTR-AOA-9700PK</b>
Condor Dual Display Kit	<b>DSTR-AOA-9700KDUAL</b>
Condor Pressurized Dual Kit	<b>DSTR-AOA-9700DPK</b>

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

<b>Merlin AOA Kit</b>	<b>DSTR-AOA-9900K</b>
Merlin Pressurized Kit	<b>DSTR-AOA-9900PK</b>
Merlin Dual Display Kit	<b>DSTR-AOA-9900KDUAL</b>
Merlin Pressurized Dual Kit	<b>DSTR-AOA-9900DPK</b>

<b>Dragon AOA Kit</b>	<b>DSTR-AOA-9850K</b>
Dragon Pressurized Kit	<b>DSTR-AOA-9850PK</b>
Dragon Dual Display Kit	<b>DSTR-AOA-9850KDUAL</b>
Dragon Pressurized Dual Kit	<b>DSTR-AOA-9850DPK</b>

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 - 140<sup>th</sup> 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)".

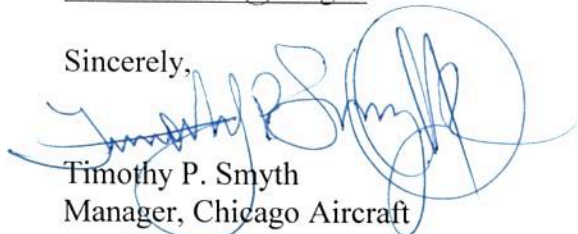
You must allow the FAA to inspect your quality system, facilities, technical data, and any manufactured articles and witness any tests, including any inspections or test at a supplier facility, necessary to investigate any service difficulty or possible non-compliance with the FAA memorandum AIR100-14-110-PM01.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

Sincerely,



Timothy P. Smyth  
Manager, Chicago Aircraft  
Certification Office