

DepartmentofTransportation_FederalAviationAdministration

Supplemental Type Certificate

Number **SE01167SE**

This certificate, issued to: **Aviation Enterprises Unlimited LLC
42313 SE Oral Hull Road
Sandy, OR 97055**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 13 of the Civil Air Regulations.

Original Product—Type Certificate Number E-267
Make: Teledyne Continental Motors
Model: E-225-8

Description of the Type Design Change: Installation of Teledyne Continental O-470 cylinders per Aviation Research Systems, Inc. ARS100035-EM, dated September 7, 2001, or later FAA approved revision.

Limitations and Conditions: The following limitations are applied to the modified engine:

Takeoff Horsepower, Limited to 5 min. at sea level pressure altitude, 225 hp, 2650 rpm, 24.25 in Hg MAP.

Maximum Continuous Horsepower, at sea level pressure altitude, 225 hp, 2650 rpm, 24.25 in Hg MAP.

Fuel, 100 LL minimum grade aviation fuel.

Time Between Overhaul (TBO) shall be 1000 hours for engines modified per this STC.

All other engine limits are unchanged from those given on Type Certificate Data Sheet E-267.

Approval of this change in type design applies to the above model engine only. This approval should not be extended to other engine of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that engine. A copy of this Certificate must be maintained as part of the permanent records for the modified engine.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 11, 1997

Date reissued: October 23, 2003

Date of issuance January 30, 2003

Date amended:



By direction of the Administrator

(Signature)
Acting Manager, Seattle Aircraft
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.