

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA01852SE*This certificate, issued to*

Flight Doctor West, LLC
4716 Hubler Lane
Caldwell, ID 83605

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A19SW
Make: Air Tractor, Inc.
Model: AT-802A

Description of the Type Design Change: Installation of a Honeywell TPE331-14GR-801Z engine and Hartzell Propeller Model HC-B5MA-5H/M11693NS in accordance with Flight Doctor West, LLC, Master Drawing List MDL 1001, Rev. A, dated June 16, 2008.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for installation of this modification on other aircraft. This approval is limited to the modification of Air Tractor, Inc., Model AT-802A aircraft, Serial No. 802A-0178, Reg. N173TA. The modified aircraft must be maintained in accordance with Flight Doctor West, LLC, document FDW-MM-802-14, "Instructions for Continued Airworthiness". A copy of this certificate and FAA Approved Flight Manual Supplement FDW-FM-802-14, Revision A, dated December 5, 2008, must be maintained as part of the permanent records for the modified aircraft.

Note: The holder cannot use the descriptive data about this design to duplicate other products. This approval is limited to only the installation made in an Air Tractor 802A, serial number 802A-0178. This STC does not permit manufacturing of parts for multiple installations.

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: June 3, 2008

Date reissued:

Date of issuance: December 16, 2008

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.