

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01281CH

*This certificate issued to*  
Johnson Airspray, Inc.  
Airport Road  
P.O. Box 27  
Argyle, MN 56713

*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 8 of the CAM Regulations. See Type Certificate Data Sheet A17SW for the complete certification basis.*

*Original Product--Type Certificate Number:* A17SW  
*Make:* Air Tractor, Inc.  
*Model:* AT-401, AT-502, AT-502B

*Description of Type Design Change:*

For Air Tractor Model AT-401, installation of the GE Aviation Czech s.r.o, M601E-11 turbine engine with an Avia Propeller V510, V510AG or V508E-AG and optional instrument panel in accordance with Johnson Airspray, Inc. Master Drawing List, Document No. MDL2000-AT, Revision B dated March 7, 2005 or later FAA approved revision. For Air Tractor AT-502 & AT-502B models, installation of the GE Aviation Czech s.r.o, M601E-11 turbine engine with an Avia Propeller V508E-AG and optional instrument panel in accordance with Johnson Airspray, Inc. Master Drawing List, Document No. MDL2010-AT, Revision IR, Dated April 11, 2011, or later FAA approved revision.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.

(See continuation sheet page 3 of 3)

*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:* August 17, 1999

*Date reissued:*

*Date of issuance:* August 4, 2000

*Date amended:* November 14, 2002; January 23, 2006, May 29, 2012



*By direction of the Administrator*

**Original Signed By:**  
**Timothy Smyth**

(Signature)

Timothy Smyth  
Manager, Propulsion Branch  
Chicago Aircraft Certification Office

(Title)

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Date Amended: November 14, 2002; January 23, 2006; May 29, 2012

*Limitations and Conditions* (Continued):

2. FAA Approved Airplane Flight Manual Supplement (AFMS) for the Air Tractor AT-401 Document No. AFM-2000-AT401, Rev C, dated February 2, 2006, or later FAA approved revision is required. FAA Approved AFMS for the Air Tractor Models AT-502 & AT-502B, Document No. AFM-2010-AT502, Rev IR dated May 9, 2012 or later FAA approved revision is required.
3. The life limit for the AVIA Propeller Ltd. Propeller Model (VJ8.510 or VJ8.510AG and V508E-AG) in accordance with Type Certificate Data Sheet Number P2BO and P21BO respectively, and as referenced in AVIA Maintenance Manual, is 6,000 flight hours.
4. Power lever positions below flight idle (Beta range) when the aircraft is in flight can result in severe overspeeding and/or loss of aircraft control.
5. Limits for the GE Aviation Czech s.r.o, M601E-11 turbine engine and Avia Propeller Model V510 and V510AG are as published in the FAA approved AFMS for the Air Tractor model AT-401 modified in accordance with this STC. Limits for the GE Aviation Czech s.r.o, M601E-11 turbine engine and Avia Propeller Model V508-AG are as published in the FAA AFMS for the Air Tractor Models AT-401, AT-502, and AT-502B modified in accordance with this STC
6. 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.

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**Supplemental Type Certificate**  
(Continuation Sheet)

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