

DepartmentofTransportation_FederalAviationAdministration

Supplemental Type Certificate

Number SA00149SE*This certificate, issued to***Aeronautical Testing Service
18820 59th Drive NE
Arlington, WA 98223***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 Civil Air Regulation.,**Original Product—Type Certificate Number:*

A4SW

Make:

Ayres

*Model:*S-2R, 600 S2D, S2R-R3S, S2R-T11, S2R-T15,
S2R-R1340, S2R-G5, S2R-G6, S2R-1820, S2R-T65,
S2R-T34, S2R-T45, S2R-G10, S2RHG-T34, and
S2RHG-T65*Description of the Type Design Change:* Installation of vortex generators and “delta wings” mounted on the wings, and strakes mounted above the left and right hand wing/fuselage junctions in accordance with an FAA approved copy of Aeronautical Testing Service Inc. Drawing List ATS-S2R, Revision D, dated January 5, 1996, or later FAA approved revision to this drawing list.*Limitations and Conditions:* Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft 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 on the airworthiness of that aircraft. A copy of this certificate must be maintained as part of the permanent records of the modified aircraft.

The ATS modification consists of seventy six (76) vortex generators and two (2) “delta wings” mounted on the wings, and two (2) strakes mounted above the left and right hand wing/fuselage junctions. If more than six (6) vortex generators are missing or damaged, or if a “delta wing” or strake is missing or damaged, the aircraft is not airworthy and must be repaired before flight. This modification does not provide for any airplane performance change from that given in the appropriate airplane flight manual

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:* September 21, 1994*Date of issuance:* November 18, 1994*Date reissued:**Date amended:* June 21, 1995; May 27, 1996;
November 21, 1996, November 10, 2009*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.
