

DepartmentofTransportation - FederalAviationAdministration

# Supplemental Type Certificate

*Number* **ST02509SE**

*This certificate, issued to*

**AeroMech Incorporated  
1604 Hewitt Avenue, Suite 505  
Everett, WA 98201**

*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:* A53EU  
*Make:* ATR  
*Model:* 72

*Description of the Type Design Change:* Installation of dual Garmin GTX3000 transponders with ADS-B Out in accordance with Master Data List AM0293-DL02-00, Rev –, dated October 12, 2016, or later Federal Aviation Administration (FAA) approved revision.

*Limitations and Conditions:*

1. Aircraft must be modified with dual GTN 725 installations per Garmin Supplemental Type Certificate (STC) ST01812WI.
2. Aircraft must be modified with ACSS RCZ 852 transponders per STC ST01646LA.
3. This approval should not be applied to an eligible aircraft on which other previously-approved modifications are incorporated unless it is determined by the installer that the relationship between this change and the other previously-approved modifications will introduce no adverse effect upon the airworthiness of the aircraft.
4. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.
5. 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.

(See Continuation Sheet Page 3 of 3 Pages)

*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:* March 4, 2016

*Date reissued:*

*Date of issuance:* October 31, 2016

*Date amended:*



*By direction of the Administrator*

(Signature)

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.**

Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

## (Continuation Sheet)

*Number* **ST02509SE**

### **AeroMech Incorporated**

*Issued:* October 31, 2016

*Reissued:*

*Amended:*

*Limitations and Conditions continued:*

6. The modified aircraft must be maintained in accordance with Instructions for Continued Airworthiness Document AM0293 IC01 00, Revision —, dated April 25, 2016, or later FAA-accepted revision.
7. A copy of the FAA-approved Airplane Flight Manual Supplement Document AM0293 FM01 00, Revision —, dated October 29, 2016, or later FAA-approved revision is required to be on board for operation of the modified aircraft.

*Certification Basis:*

The type certification basis for the ATR 72 based on Title 14 Code of Federal Regulations (14 CFR) section (§) 21.115 and § 21.101 and the FAA policy for significant changes in FAA Order 8110.48 is as follows:

1. The type certification basis for parts **not changed** or **affected** by this change is shown on Type Certificate Data Sheet A53EU.
2. The type certification basis for parts **changed** or **affected** by this modification since the reference date of application March 4, 2016, is based on 14 CFR part 25 as noted below.

**Regulations complied with through amendment 25-54**

25.301(a-c); 25.303; 25.305(a-b); 25.307(a); 25.561(b-c); 25.601; 25.603(a-c); 25.605(a); 25.609(a-b); 25.611; 25.613(a-e); 25.615(a)(1); 25.619(a-c); 25.625(a-c); 25.771(a); 25.773(a)(2); 25.789(a); 25.853(b); 25.1301; 25.1307(c); 25.1309(b-d)(g); 25.1322(b); 25.1327(a-b); 25.1351(a); 25.1357(a-c)(e); 25.1359(d); 25.1381(a); 25.1431(a)(c); 25.1529; 25.1581(a)(2)(b)(d); 25.1585(a)

**Regulations complied with through amendment 25-56:** 25.832

**Regulations complied with through amendment 25-58:** 25.812

**Regulations complied with through amendment 25-59:** 25.853

**Regulations complied with through amendment 25-61:** 25.851

**Regulations complied with through amendment 25-62:** 25.904

**Regulations complied with through amendment 25-111:** 25.856

- END -

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.*