



U.S. Department
of Transportation
**Federal Aviation
Administration**

March 07, 2020

Revision: Original.

AeroMech Incorporated

Dear AeroMech Incorporated:

The Aircraft Evaluation Group (AEG) has reviewed your request for Supplemental Type Certificate (STC) relief that may be included in an operator's FAA approved MEL. The AEG finds your relief submission allowable as documented in the relief section of this letter. This relief is valid when an operator installs the listed STC on an aircraft that is listed in the Aircraft Model List (AML) below. No other application of this relief is allowed. The STC holder must contact the AEG when the STC is amended, revised or revoked.

Operators may use this relief letter to incorporate the relief listed below into their Minimum Equipment List (MEL) upon publication of this letter and in accordance with the MEL approval process in FAA Order 8900.1. The relief granted remains valid indefinitely with possession of this letter unless the relief is specifically revoked or revised by the Administrator.

STC Applicant	AeroMech Incorporated
STC Number	ST02509SE
STC Description	Installation of dual Garmin GTX 3000 transponders with ADS-B Out in accordance with Master Data List, AM0293-DL02-00, Revision A, dated March 16, 2017 or later FAA-approved revision. (Limitations and Conditions: Aircraft must be modified with dual GTN 725 GPS Navigator System per Garmin STC ST01812WI, and with ACSS RCZ 852 Transponders per STC ST01646LA).
Aircraft Model List	ATR 42 and ATR 72 AML: Make - ATR-GIE Avions de Transport Régional; Models - ATR42-200, ATR42-300, ATR42-320, ATR72-101, ATR72-102, ATR72-201, ATR72-202, ATR72-211, ATR72-212. Type Certificate Number: A53EU.

Sincerely,
Steve Dunn
FOEB Chair,
Aircraft Evaluation Group

Approved STC Relief

System	Item	Category	Installed	Required	Remarks-Exceptions
34	Garmin GTX 3000 Transponder with ADS-B Out (Individual Transponder Failed)	D	-	1	Any in excess of those required by operating rule may be inoperative.
34	Garmin GTX 3000 Transponder with ADS-B Out (All Transponders Failed)	B	-	0	May be inoperative provided: a) Operations do not require its use, b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over planned route of flight. c) TCAS is considered inoperative, and d) Aircraft is not operated RVSM.
34	Garmin GTX 3000 Transponder with ADS-B Out, Elementary and Enhanced Downlink Aircraft Reportable Parameters (Not Required by Operating Rule)	A	-	0	May be inoperative provided: a) Operations do not require their use, and b) Repairs are made prior to completion of next schedule inspection/check of transponder.
34	Garmin GTX 3000 Transponder with ADS-B Out, ADS-B Squitter Transmission	D	-	0	May be inoperative provided operations do not require its use.
34	Transponder Ident Button (XPDR IDENT) (One Button Failed)	D	2	1	One may be inoperative.
34	Transponder Ident Button (XPDR IDENT) (Both Buttons Failed)	C	2	0	May be inoperative provided function on GTC is operative.