



THRUSH AIRCRAFT, INC.

Service Bulletin No. SB-AG-46

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SWAGED CABLE ASSEMBLY INSPECTION

MODELS AFFECTED:

Any Thrush aircraft that has had a swaged cable assembly P/N 57070T002, T007, T009, T010, T011, T012, T015, installed or replaced between July 1, 2004 and February 28, 2005. This also includes the aircraft manufactured/certificated in this time period as follows: S2R-T34 S/N T34-273; S2RHG-T34 S/N T34HG-107; S2RHG-T65 S/N T65HG-011, -012; S2R-T660 S/N T660-110, -111, -112. These cables are found in the cockpit and fuselage aft of hopper. They are used in the following systems: rudder control, rudder/aileron balance, and cockpit to vertical fin wire deflector. (Note: Check any cables, built in this time frame, that are in a parts inventory system) (Note: This service bulletin does not apply to NICOPRESS ®“copper” sleeve thimble-eye splices).

REASON FOR PUBLICATION:

A report from the field indicated that the swaged terminals on several rudder cables were not swaged and/or had the wrong terminal installed. This indicates that some of the cables built in the outlined time period had not been proof tested to the required 60% proof load. The purpose of this bulletin is to get the improperly swaged cables out of the parts distribution system and removed from any affected aircraft.

COMPLIANCE:

Immediately upon receiving this Service Bulletin.

**BY WHOM THE WORK
MAY BE ACCOMPLISHED:**

A&P Mechanic or equivalent.

APPROVAL:

FAA Approved.

MAN HOURS:

5 minutes to 4 hours.

SPECIAL TOOLS:

None.

INSPECTION:

If aircrafts records indicate that any of the above listed cables have been installed in the time period indicated, remove such cables and send to your Thrush Aircraft, Inc. dealer for replacement.

REPAIR:

Replace subject swaged cable assemblies with cables dated any time other than in the time range July, 1 2004 thru February 28, 2005.

WEIGHT AND BALANCE:

No change

PUBLICATIONS AFFECTED:

None

RECORD OF COMPLIANCE: Make an entry in the aircraft permanent records as follows:

Thrush Aircraft, Inc.'s Service Letter SB-AG-46, Swaged cable assembly inspection, dated 10 March 2005 accomplished on _____ (date)

Sign and indicate certificate number.

Fill out and return the enclosed compliance card indicating the results of the inspection. Upon completion, no further action is required under Service Bulletin No. SB-AG-46.

COMPLIANCE CARD

Service Bulletin Number: _____	Name of Owner: _____
Aircraft S/N: _____	Address of Owner: _____
Aircraft Registration No.: _____	(Physical Location) _____
Airframe Total Time: _____	_____
Engine Total Time: _____	_____
Date of Compliance: _____	Complied With By: _____
Certificate Number: _____	Signature: _____

- Method of compliance:** Aircraft had no cables changed from July 1, 2004 to February 28, 2005.
- (Check one) Aircraft had cable change and cable/s replaced with ones from outside noted time period.
- Parts inventory cable/s found to be outside noted time period.
- Parts inventory cable/s found to be within subject time period and sent back to Thrush Aircraft, Inc. dealer for replacement.

Please list the affected cable P/N's on this card and return cable/s to your Thrush Aircraft, Inc. dealer for A.O.G. (Aircraft On Ground) replacement.

Return Compliance card by:

E-mail to: erusk@thrushaircraft.com

or

Fax to 229.436.4856

or

Mail to: Thrush Aircraft, Inc.
ATTN: Ed Rusk
P.O. Box 3149
Albany, Georgia 31706-3149
U.S.A.