

**AIRCRAFT**

PRODUCT IMPROVEMENT

P.O. Box 480

820 East Bald Eagle Street

Lock Haven, PA 17745

September 15, 1992

## INSTRUCTION SHEET

NEW LOW FRICTION ROLLER GUIDE

Available For Trim Control System

An improved roller guide has been developed for the trim tab system which can be installed in place of the B12-1064 guide assembly.

It offers the combined advantage of reduced operating friction and resulting long service life. Taylorcraft will furnish this roller guide assembly for those Taylorcraft owners wishing to make such a replacement on their aircraft. Its performance advantages have been amply demonstrated in service trials, and no redesign of the trim system is involved. The following instructions should serve to simplify its installation.

Roller Guide Installation Instructions

The 4341 improved roller guide is installed as a direct replacement for the standard B12-1064 guide. This guide mounted on the stub bolt on the forward side of the aft stabilizer mounting cross tube on the top centerline of the fuselage.

Trim control cable aft Guide Replacement Installation - Steps to be followed:

1. Remove access covers per service note dated October 14, 1992 (Two (2) rectangular covers at fin tail post, two (2) circular covers beneath front of stabilizer left side - and rear baggage compartment bulkhead, if necessary).
2. Loosen cable U clamp connector, working through circular inspection openings - running cable into optimum position for this.
3. Remove nuts and washers holding aft trim control cable guide assembly in place, and remove guide - unthreading cable.
4. Thread cable through new guide assembly and install same in position. Install washers needed and nuts.

TAYLORCRAFT AIRCRAFT

PAGE 2

September 15, 1992

INSTRUCTION SHEET

NEW LOW FRICTION ROLLER GUIDE (con't.)

5. Reconnect and adjust cable at U-clamp to same configuration as before.

Note: If any rigging check or re-rigging is required, proceed as indicated under paragraph D of service note dated October 14, 1992.

6. Check entire system for proper rigging and operation, travel, etc.