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Installation Procedure: TrickAir Model 1500 Tail Ski

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## 1.0 Scope

- 1.1 The Model 1500 Tail Ski is designed to be installed when the aircraft is equipped with Scott 3200/3200A or the Alaskan Bushwheel ABI-3200/3200A tail wheel. Due to variation of these tail wheels from airplane to airplane it is necessary to fit each tail ski installation by field drilling to set the proper incidence angle. These instructions must be accomplished as outlined to correctly install the tail ski. Deviations to these installation instructions will require additional FAA approval.

## 2.0 Installation

- 2.1 Lift and support the tail of the airplane in accordance with manufactures service manual.
- 2.2 Remove cotter pin and AN310-8 castle nut. Slide out axle assembly. Remove tire and wheel assembly.
- 2.3 Tail Ski Installation
  - 2.3.1 Slide tail ski on fork assembly, reinstall tire and wheel assembly. Fasten with an AN320-8 nut until snug (Figure 1).
  - 2.3.2 Rest the tail wheel of the airplane back on the ground.
  - 2.3.3 Pivot the ski to the correct position. The bottom of the back of the ski should be  $\frac{3}{4}$ " off the ground.
  - 2.3.4 Locate the two AN365-428A nuts, one on each side, against the back of the yoke and mark their position. The nuts become stops to hold the ski at the correct incidence (Figure 2).
  - 2.3.5 Remove the tail ski assembly from the tail wheel and drill out the two marked holes. Fasten the two AN4-4A bolts and AN365-428A nuts.
  - 2.3.6 Reinstall tail wheel ski to tail wheel. Tighten AN320-8 in accordance with manufactures current specification and install cotter pin.

**3.0 Figures**

**Figure 1**



**Figure 2**

