



# SERVICE BULLETIN

No. 394

Piper Aircraft Corporation

"FAA DOA EA-1 Approved"

Lock Haven, Pennsylvania, U.S.A.

September 28, 1973 S/M

Subject:

Warning -- Improper Use of Rudder Pedal

Models Affected:

PA-24-180, PA-24-250, PA-24-260  
and PA-24-400 Comanche  
PA-30 Twin Comanche  
PA-39 Twin Comanche C/R  
PA-31 and PA-31-300 Navajo  
PA-31-350 Navajo Chieftain  
PA-31P Navajo

Serial Numbers Affected:

All  
All  
All  
31-1 to 31-7300976 incl.  
31-5001 to 31-7305125 incl.  
31P-1 to 31P-7300172 incl.

Compliance Time:

Immediate.

Purpose:

The rudder pedals and toe brakes are suspended from a torque tube which extends across the fuselage in the lower forward cabin area. Because of the nature of its construction and its proximity to the rudder pedals/toe brakes, the pilot may inadvertently place his feet on the torque tube instead of the rudder pedals/toe brakes. This may be more likely to occur with a pilot who is not familiar with the controls, or if the pilot is not concentrating on proper foot placement on the pedals.

To preclude interference with the proper function of the rudder pedals and toe brakes, a warning statement accompanies this service release to be applied to all Owner's Handbooks and/or Pilot's Operating Manuals applicable to the above referenced aircraft. The warning statement is reproduced below:

**WARNING**

"The rudder pedals are suspended from a torque tube which extends across the fuselage. The pilot should become familiar with the proper positioning of his feet on the rudder pedals so as to avoid interference with the torque tube when moving the rudder pedals or operating the toe brakes."

Instructions:

1. Remove the paper backing from the self-adhering warning statement, which is enclosed with each copy of this Service Bulletin mailed to owners of record.

(over)

Instructions: (continued)

2. If your aircraft has a 5 1/4" x 8" Owner's Handbook apply the warning statement insert inside and at the top of the front cover.
3. If your aircraft has an 8 1/2" x 11" Pilot's Operating Manual, and there is no "Operating Tips" section, apply the warning statement insert at the bottom of the Operating Procedures index.
4. If your aircraft has an 8 1/2" x 11" Pilot's Operating Manual containing an "Operating Tips" section, apply the warning statement insert on the last page of Operating Tips.
5. Make appropriate log book entry.

Material Required:

One (1) each per aircraft Warning Statement Insert, Piper Part No. 757 436.

Availability of Parts:

One (1) each Warning Statement Insert, Piper Part No. 757 436, accompanies each copy of this service release mailed to owners of record.

Additional Warning Statements, if required, are available through your Piper Dealer.

Effectivity Date:

This Service Bulletin is effective October 8, 1973.

Summary:

This information is submitted to owners/operators of the above referenced aircraft to assist in insuring proper operation of the aircraft control system, and to point out and prevent possible misuse of the rudder and brake controls.

Compliance with this Service Bulletin and appropriate log book entry may be accomplished by the aircraft owner/operator.