

# SERVICE



# LETTER

Service Letter No. 356

March 31, 1961

TO: Distributors, Dealers, Certified Service Centers and Owners

SUBJECT: Installation of 30 Ampere Circuit Protector in Landing Gear Retraction System

MODELS AFFECTED: All Comanches Not Equipped with 30 Ampere Circuit Protectors

A few reports from the field indicate that the 25 ampere circuit protector used in the landing gear retraction system has tripped during the retraction of the gear.

An inspection of the landing gear mechanism indicates normal operation, therefore, this condition is apparently due to a momentary overload caused by slight variations in mechanical adjustment, high atmospheric operating temperatures or unusually low temperatures where an excessive amount of lubrication on the transmission screw may congeal. The tripping of this circuit breaker is considered to be "nuisance" tripping as, in most cases, the gear will complete its cycle if the circuit breaker is reset after allowing it to cool.

In order to prevent this condition, a 30 ampere circuit protector has been approved for use on the subject Comanche aircraft.

The 30 ampere circuit protector may be obtained from the Service Spares Department - part number 454 661, \$4.13\*\* each.

Very truly yours,

PIPER AIRCRAFT CORPORATION

  
Wes Holmes  
Service Manager

WH:dt

PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.