



# SERVICE BULLETIN

No. 442

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

January 22, 1975

Subject:

Emergency Fuel Pump Circuit Breaker Rewiring

Models Affected:

PA-31, PA-31-300 Navajo  
PA-31-350 Chieftain

Serial Numbers Affected:

31-2 to 31-7401268 incl.  
31-5001 to 31-7405490 incl.

Compliance Time:

At the next regularly scheduled inspection interval (100 hour annual or programmed inspection event), not to exceed the next 50 hours of operation.

Purpose:

The emergency (electric) fuel pumps on the above referenced aircraft are presently wired through a common circuit breaker. Should an electric or pump overload occur on one pump - tripping the circuit breaker, both pumps will be temporarily rendered inoperative.

To prevent the above situation from occurring, this service release provides material and instructions to rewire the emergency fuel pump circuit so that the emergency fuel pumps are on separate circuit breakers.

Instructions:

Contained in Emergency Fuel Pump Circuit Breaker Separation Kit, Piper part number 760-905.

Material Required:

One (1) each per aircraft Emergency Fuel Pump Circuit Breaker Separation Kit, Piper part number 760-905.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This service release is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance at the earliest opportunity within the provisions of Compliance Time, above. Modification material specified in the body of this service release is available through your Piper Field Service Facility free of charge.