



Airworthiness Directive: #115

Date: March 25, 1998

Subject: Hegar master brake cylinders

Compliance: Mandatory before next flight, all aircraft with dual hydraulic brakes

Models Effected: S-12, S-6, aircraft with dual hydraulic brake setup (4 master cylinders)

If your aircraft is equipped with 4 Hegar master brake cylinders the potential for the loss of braking exists. The Hegar M/C 97 brake cylinders RANS Part Number KSBS0015 require an application upgrade in order to insure optimum performance and operation.

Loss of braking is inherently dangerous to the aircraft and its occupants as well as to anything the aircraft may contact due to the total or partial loss of aircraft braking capability.

Hegar brake cylinders are best identified by their black color. If your aircraft is equipped with 4 Hegar M/C 97 master cylinders RANS Part Number KSBS0015 do not fly the aircraft until the brake cylinders have been upgraded to current production specifications.

In order to receive your upgraded master brake cylinders, you will have to return your master cylinders to:

Hegar 4 Products
15600 S.E. FOR MOR CT STE A
CLACKAMAS, OREGON 97015 USA

Their phone number is 503-659-1234, FAX 503-650-6953.

Hegar will replace master cylinders as required based on the exchange of old units.

If your aircraft does not have the dual hydraulic brake arrangement you will not experience any decrease in brake performance. Only dual brake applications (4 master Cylinders) require cylinders for upgrading to the current production specification.