

HARTZELL PROPELLER, INC.
PIQUA, OHIO

BULLETIN No. 67

"FAA APPROVED"

February 10, 1959

Subject: Adjustment of Travel of B-299 Servo Valve

Effectivity: Propeller models HC-12X20-3E and HC-13X20-5L or 6L installed on RC-3 Seabee Aircraft.

Discussion: It has been discovered that with some B-299 servo valves, the travel of the spool is excessive in the out direction, as shown in the sketch below, which allows oil to enter the cylinder, instead of draining oil as intended. The consequence of this action is to put the propeller into reverse pitch, instead of high pitch as called for by the pilot.

Required

Action: For propellers which fail to respond properly, install a 1/16" washer as shown below.

