

SERVICE BULLETIN



REPUBLIC AVIATION CORPORATION
FARMINGDALE, LONG ISLAND, NEW YORK
SERVICE DEPARTMENT

October 14, 1947

MANDATORY CHANGE

SERVICE BULLETIN NO. 21

INSTALLATION OF PROPELLER SAFETY SPRING

Reason for Change:

To install a safety spring to prevent the propeller from inadvertently going into reverse pitch in the event of failure of the reverse control wire (cable).

Airplanes Affected: Seabees Serial Nos. 5 and all subsequent airplanes.

Description of Change:

1. Unlatch and lift top engine cowl.
2. Drill hole with No. 51 drill in each of two locations shown on Figure 1.
3. Install SK-18837-1 spring.
4. Due to variations in the internal friction of the propeller control valve, it is suggested that the reverse control wire (cable) be temporarily disconnected, after the safety spring is installed and running the engine with the propeller pitch control in both high and low pitch to check the effectiveness of the safety spring in preventing the propeller from going into reverse pitch.
5. Reconnect the reverse control wire (cable).
6. Make complete ground check of propeller operating controls.

Parts Required: To be obtained from your distributor at no charge.

<u>Quantity</u>	<u>Part Number</u>	<u>Part Name</u>
1	SK-18837-1	Spring-Prop. Safety

Time Required: Approximately ½ man-hour is required to accomplish this change.
No labor allowance is given.

W. H. Ehmann
Service Manager

If you have sold your airplane, please forward this Bulletin to the present owner.

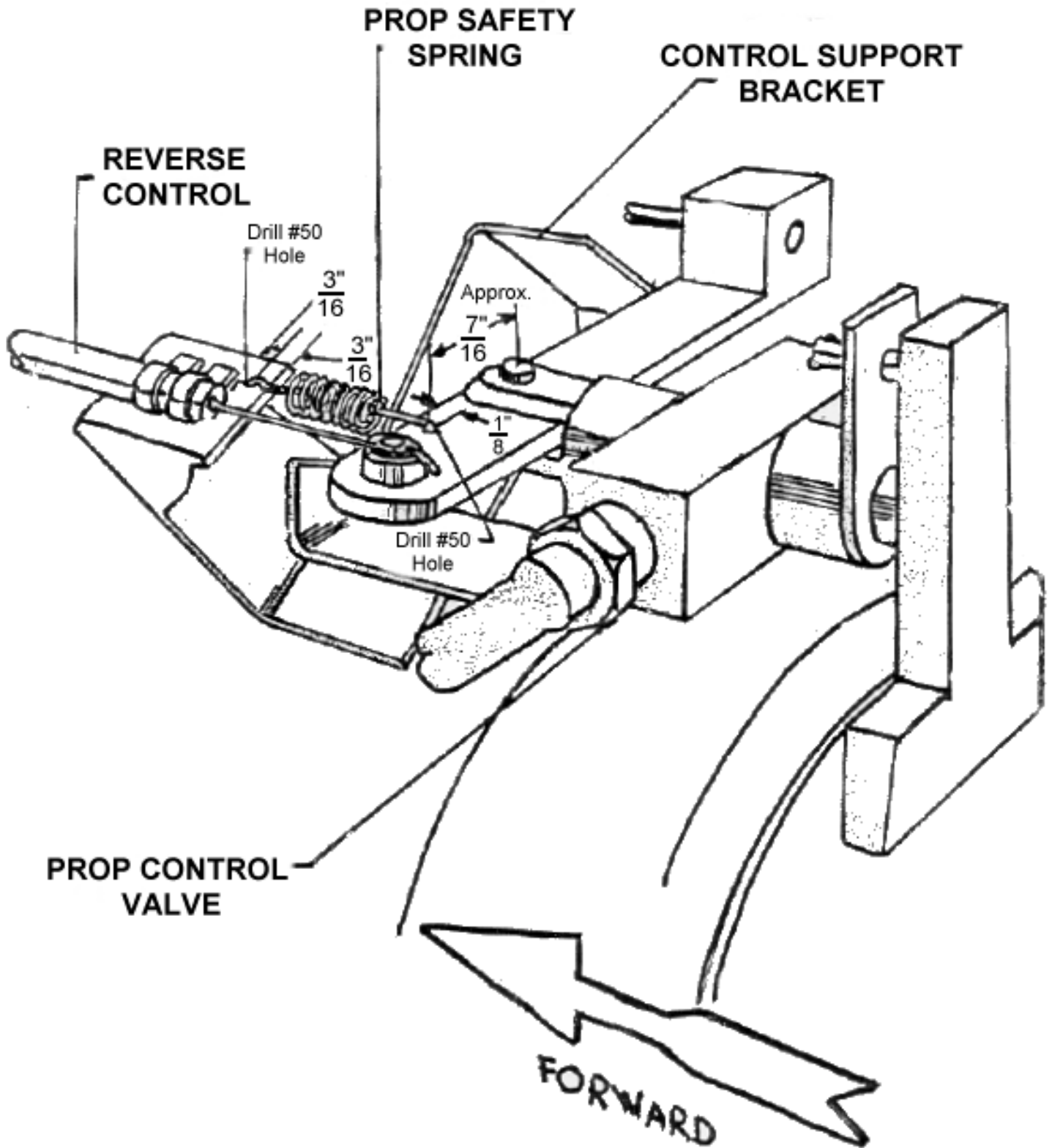


Figure 1