

RE-ISSUE

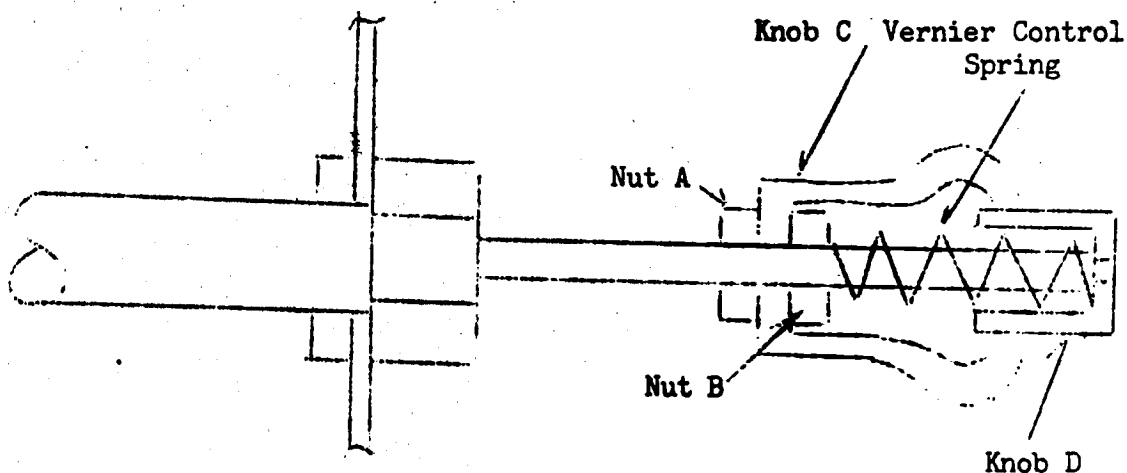
MOONEY AIRCRAFT INC.

SERVICE LETTER 20-20

DATE: 1-29-57, Re-issue Date 8-15-60

SUBJECT: Proper use and adjustment of vernier throttle and propeller governor control (Shakespeare 3A1529)

MODELS AFFECTED: M20 & M20A Serial Numbers 1002-1589



When the control is at either fore or aft limit, the vernier adjustment should not be turned past the point where resistance is felt. When the end of the vernier adjustment travel is reached, knob C should be turned back in the opposite direction approximately at $\frac{1}{4}$ turn. This will eliminate the possibility of knob D becoming jammed.

In turning the vernier control it is possible (if nut B is loose) to move knob C far enough aft to hold knob D in the locked position. This condition may be corrected as follows:

1. Remove knob D and spring.
2. Tighten nut A all the way forward on the control shaft.
3. Tighten nut B with socket wrench.
4. Replace spring and knob D.