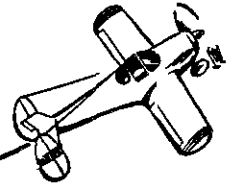


# ERCOUPE MEMORANDUM

ERCOUPE  
SERVICE  
MEMORANDUM

No. **40**

SUBJECT: Starter Control Clearances



There are two adjustments on the starter control that should be checked at each 100 hour inspection period. The proper adjusting of these clearances will reduce the possibility of the starter being accidentally engaged while the motor is running and provide proper engagement of starter drive pinion when starter switch is engaged.

- (1) Disconnect clevis from control lever by removing clevis pin.
- (2) Loosen lock nut on clevis, make adjustment as necessary, and tighten lock nut.
- (3) Connect starter control back on to the control lever and safety clevis pin.

## 1. Check Control Lever Clearance:

- a. Push starter control knob to the full "off" position.
- b. Measure clearance between the lower end of the shift lever and the plunger on the back of the clutch drive. This should be  $\frac{1}{16}$ ". (Tolerance plus  $\frac{1}{32}$ " minus 0.)
- c. If not correct, adjust as follows:

## 2. Check Pinion Travel:

- a. Check to see that there is  $\frac{9}{16}$ " travel on the pinion with the cranking motor switch fully closed. Check by measuring the movement of the clutch as the control lever is moved.
- b. Adjust, if necessary, with the adjusting stud on control lever.

