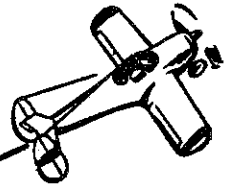


**ERCOUPE
SERVICE
MEMORANDUM**

No. 21

Ercoupe **MEMORANDUM**

**SUBJECT: Stabilizers attaching bolts
Request for inspection on**



1. It was reported in one instance that the forward stabilizer attaching bolts were found loose. This condition is not considered general, however, in the interest of safety, it is deemed advisable to recommend that the stabilizer attaching bolts be checked for tightness.

2. The forward attaching bolts and nut assemblies are accessible through the end of the fuselage cone upon removal of the tail cone fairing. Access to the rear attaching bolt assemblies will be also obtained by removal of the tail cone fairing and then disconnecting the elevator to allow it to be rotated on its hinge to clear the stabilizer closing channel.

3. The stabilizer is attached with four 1/4 inch bolts. The nuts used on the first Ercoupe were crown castellated AN310-4 and require safetying with cotter pins. Self-locking nuts are used on the later production Ercoupes. These nuts, if torqued, should be tightened to 50-70 inch pounds. It is important that the torque measurement be taken on the nut and not on the head of the bolt.

4. Based on this information the inspection subject item should be included in the first or next inspection period for all delivered aircraft. Your cooperation will be appreciated.