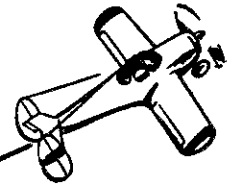


Ercoupe MEMORANDUM

SERVICE
MEMORANDUM
No. **49-A**

SUBJECT: Control Column Cable Assembly,
Detailed Inspection of



September 26, 1950

1. This memorandum is a supplement to Memorandum #49, covering the inspection of control column cables on Ercoupes Serial No. 113 to 4729, inclusive, and to C.A.A. A.D. Note 47-42-21, covering the same subject. This C.A.A. Note should have referred to Service Memorandum #49, instead of #43.

2. It has been reported that proper inspection of the subject cable assemblies can not be effected with the cables in place and that considerable fraying can be hidden by the quadrant in which the cable rides. It is, therefore, imperative that the turn buckle be loosened so that the cable may be pulled out of the groove far enough to inspect the under surface of the cable in order to perform the inspection covered by the Service Memorandum #49. With care, this can be performed without losing the control wheel alignment and if the cables are still sound, the turn buckle can then be re-adjusted to provide proper tension.

3. No reports have been received to date to indicate that the cables on the new style quadrant, Part No. 415-52122, described in paragraph 4, Service Memorandum #49, are subject to serious wear so that it is still not necessary to inspect these cables at 100 hour intervals, however, it is recommended that they be inspected at approximately 500 hour intervals, or at major overhaul periods.

4. In tightening the turn buckle on the subject cables, care should be taken to take out sufficient slack to avoid extreme looseness, but excessive tension, which may cause an early failure of the cable on the quadrant, should be avoided.