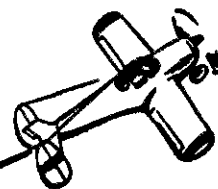


ERCOUPE
SERVICE
MEMORANDUM
No. 66

Ercoupe MEMORANDUM

**SUBJECT: Maintenance of Old Style
Carburetor Heat Box Assy.**



February 14, 1955

We have been notified of malfunctioning of the automatic carburetor heat used on early Ercoupes, Assy. 40533, causing full carburetor heat to be applied with open throttle, due to allowing sufficient wear and play in the pivot of the carburetor throttle arm, Part No. 415-40431, to allow the lug on its lower end to jump over the carburetor heat arm, Part No. 415-40434. This would cause the carburetor heat arm to be held in closed position when the throttle is opened, as well as preventing full throttle opening, resulting in a dangerous condition.

At the next inspection, and at all subsequent 100-hour inspections, we recommend inspection for wear of the 415-40431 arm at this pivot, and of the lug attached to its lower arm. If looseness or play is sufficient to allow any possibility of the lug slipping over the carburetor heat arm, the arm should be repaired or replaced.

The bracket supporting this arm is an integral part of the airscoop housing, and may be repaired by brazing an AN940-10 washer on the back side if the hole is worn.

The cooperation of all Ercoupe distributors and dealers is requested in disseminating this information.

UNIVERSAL AIRCRAFT INDUSTRIES
Engineering Dept.
Ercoupe Service Division