



## FRANKLIN SERVICE BULLETIN

NO. 32

DATE: 5/24/46

SUBJECT: EFFECT OF PRIMER ON ENGINE OPERATION ON MODEL 6A4-150-B3 ENGINE AS USED  
IN STINSON 150 VOYAGER

Several cases of engine miss and uneven operation both in flight and while the engine is idling have been reported to us in the past.

Investigation of this condition showed that primer valves were not thoroughly tightened and, in tightening them, the condition referred to above was eliminated. In one case the valve itself was apparently leaking, and blocking the primer off temporarily as a test procedure corrected the trouble.

We suggest in any case of engine miss or uneven operation you first check the primer before performing any of the other checks such as carburetion or ignition checks, since it is a simple matter to eliminate this cause of possible trouble by either tightening the knob or, in case of doubt as to the primer seat, blocking off the primer temporarily.

If primer leakage is experienced, it may be necessary to readjust the carburetor idle mixture after having eliminated the trouble.

AIRCOOLED MOTORS, INC.

F. J. Schaefer  
Service Engineering Manager