

SERVICE

MEMO

Service Memo No. 65

SAFETY PRECAUTIONS

Operational carelessness is increasing at an alarming rate and has become a matter of great concern to the aircraft manufacturers as well as the Civil Aeronautics authorities. The modern airplanes which are being built today are far superior to those of yesteryear in that they require less maintenance and almost reach the everyday dependability of the automobile. These two factors alone are primarily responsible for the apparent indifferent attitude toward basic operational safety precautions.

The Service Department would like to put particular emphasis on the following safety procedure instructions which must become an integral part of the aircraft owner's operational routine and/or preflight inspection.

Before each flight, visually inspect the airplane, and/or determine that:

1. The tires are satisfactorily inflated and not excessively worn.
2. The landing gear oleos and shock struts operate within limits.
3. The propellers are free of detrimental nicks.
4. The ground area under propeller is free of loose stones, cinders, etc.
5. The cowling and inspection opening covers are secure.
6. There is no external damage or operational interference to the control surfaces, wings or fuselage.
7. The windshield is clean and free of defects.
8. There is no snow, ice or frost on the wings or control surfaces.
9. The tow-bar and control locks are detached and properly stowed.
10. The fuel tanks are full or are at a safe level of proper fuel.
11. The fuel tank caps are tight.
12. The fuel system vents are open.
13. The fuel strainers and fuel lines are free of water and sediment by draining all fuel strainers once a day. (See Manual for location.)
14. The fuel tanks and carburetor bowls are free of water and sediment by draining sumps once a week.
15. There are no obvious fuel or oil leaks.
16. The engine oil is at proper level.
17. The brakes are working properly.
18. The radio equipment is in order.
19. There is adequate carburetor heat.
20. The weather is satisfactory for the type of flying you expect to do.

End.