

aircraft engine so equipped. The following is the Farr Company's recommendation regarding the proper method of servicing their filter, which is used as standard equipment on all Lycoming powered Navions and many Continental powered models. These instructions will be found stamped on the band forming the outer case of the filter element and read as follows:

SERVICING INSTRUCTIONS

"To clean - wash thoroughly, soiled face down, in gasoline and allow to dry. Dip in oil and allow to drain from 1 to 20 hours. Wipe off excess oil."

The filter should be re-oiled after cleaning by the dipping method. Immerse the filter completely; allow to remain in the oil until bubbles stop rising to the surface. Proper oiling of these filters is extremely important as it is this oil coating on the screen mesh that makes the filter effective. For best results the filter should be drained at a temperature above 70 degrees F to promote free flow of the oil. Any good grade of commercial motor lubricating oil can be used effectively provided the following viscosities are used for the outside air temperatures listed.

<u>SAE Viscosity</u>	<u>Recommended Operating Range. Degree F.</u>
60	75° to 130°F
30	40° to 75°F
10-W	Below 40°F

Note that a heavier oil should be used in hot weather. It has been found that the lighter oil previously recommended does not provide adequate filtering action in the Farr type filter.

It is often economical to purchase spare filters for installation while the dirty filters are being serviced.