

***F&M ENTERPRISES INC.  
FILTERED OIL WITH NO "STRINGS" ATTACHED!***

***CONGRATULATIONS ON YOUR PURCHASE OF  
MODEL C6LC-L  
OIL FILTER ADAPTER!***

***You have made an investment that your aircraft engine will appreciate  
for many hours to come!***

Carefully read the following applicability chart to verify *F&M Enterprises Inc.* Model C6LC-L oil filter adapter is S.T.C.ed for you aircraft engine.

Model C6LC-L  
Engines  
O-470 series  
IO-470 series  
IO-520 series  
IO-550 series

*Should you have any questions about our products, please call us at 888-317-5222.*

**Limited Warranty**

F&M Enterprises Inc. warrants to the consumer that this oil filter adapter is free from manufacturer defects in material or workmanship for a period of 90 days from the date of the original purchase by the consumer, when installed in compliance with directions as outlined in the manufacturer's "Installation Instructions", which will constitute reasonable and necessary care in the installation and use of this product.

In case of manufacturer defects in material or workmanship, F&M Enterprises Inc. will replace the product to the extent of the preceding terms.

No responsibility is assumed for Incidental or Consequential damages or damage due to improper installation or misuse of this product or from failure to follow the engine manufacturer's recommendations regarding the care and operation of the engine.

## **MODEL C6LC-L INSTALLATION INSTRUCTIONS**

- I. Verify all parts are included with your oil filter adapter system.

| Quantity | Part No.   | Description                   |
|----------|------------|-------------------------------|
| 1        | C6LC-2L    | Oil filter adapter body       |
| 1        | C6LC-3L    | Oil transfer cylinder         |
| 1        | AA-48108-2 | Tempest oil filter            |
| 1        | AN900-28   | Copper crush gasket           |
| 1        | FM-07      | Fiber gasket                  |
| 1        | SE09356SC  | Supplemental Type Certificate |

- II. Remove the cowling in accordance to airframe manufactures instructions.
- III. Thoroughly clean the threads of the oil screen housing.
- IV. Lightly coat the oil transfer cylinder with engine oil to prevent galling.
- V. Slide the copper crush gasket (with the open side facing the flange of the oil transfer cylinder) onto the oil transfer cylinder.
- VI. Insert the oil transfer cylinder into the opening of the oil filter adapter body. When properly installed, the orientation of the filter will be away from the accessory case.
- VII. Carefully slide the fiber gasket onto the oil transfer cylinder. **Do not use gasket compounds or glues!**
- VIII. Thread the oil transfer cylinder into the oil screen housing. Position the oil filter adapter body to provide at least 3/8" clearance around the end oil filter. **Torque to 65 ft./lbs.**
- IX. Thread the oil filter onto the stud of the oil filter adapter, in accordance with the oil filter manufacturer's installation instructions.
- X. Safety-wire the oil transfer cylinder to an accessible location on the accessory case. Safety-wire the oil filter to the safety wire lug on the base of the oil filter adapter body.
- XI. Verify oil quantity in accordance with the engine manufacturer's instructions. Start the engine and check for oil leaks around the oil filter adapter and oil filter. If no leaks are detected, verify the engine manufacturer's recommended oil quantity, replace the cowling in accordance to the airframe manufacturer's installation instructions, and enjoy the benefits of filtered oil. **Re-torque the oil filter adapter after 10 hours of operation!**

The following statement must be added to the back of **Form 337**.  
**WARNING!** 3/8" clearance must be maintained around the filter can. The approved oil filters for this installation are: *Champion CH48108-1, Tempest AA-48108-2, Kelly ES-48108-1, and Challenger Aviation CP-48108-C.*