

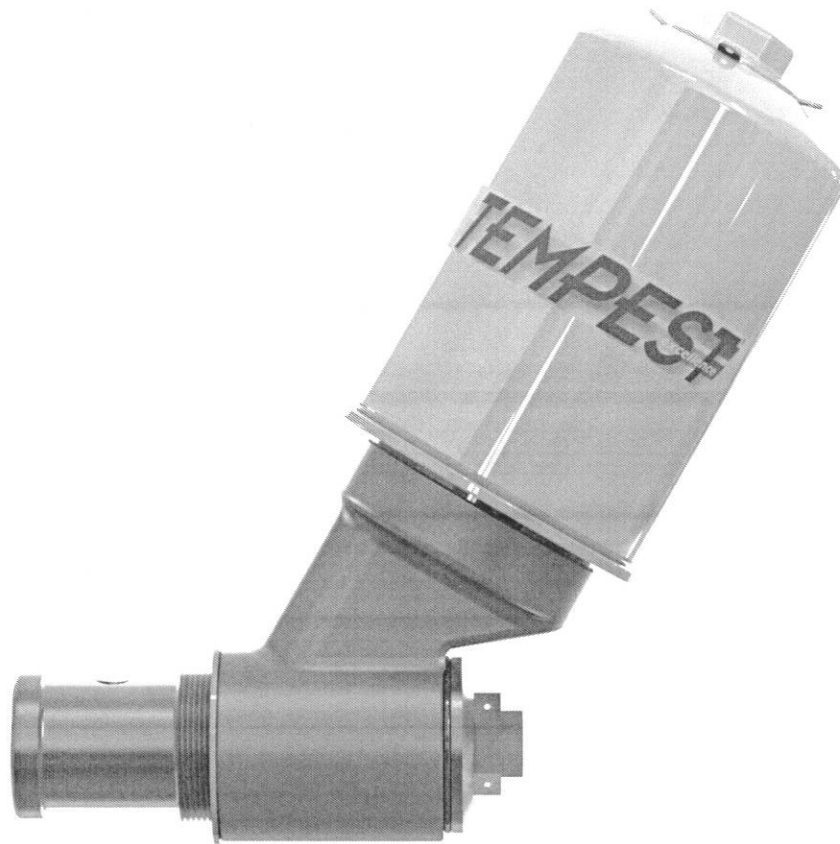
**MODEL CO-300  
OIL FILTER ADAPTER**

**Model CO-300 oil filter adapters are approved for use on  
the following Continental engines:**

C-125 Series

C-145 Series

O-300 Series



**RECORD OF REVISIONS**

<b>Revision</b>	<b>Revision Date</b>	<b>Description of revision</b>
-	04/06/2017	Initial release



## Model CO-300 Installation Instructions

1. Verify that the following parts are included with your oil filter adapter kit.

<u>QUANTITY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	CO-300-2	Body
1	CO-300-3	Oil Transfer Cylinder
1	AA48108-2*	TEMPEST Oil Filter
1	AN-900-28	Copper Gasket
1	FM-07	Fiber Gasket
1	SE8409SW	STC

\*Standard with kit. See page 5 for other acceptable filters.

2. Remove the oil temperature probe and oil screen in accordance with the engine manufacturer's instructions.
3. Thoroughly clean the threads of the oil pump housing.
4. Install the copper gasket onto the oil transfer cylinder, split side away from the transfer cylinder's flange.
5. Insert the oil transfer cylinder into the body. Place the fiber gasket onto the oil transfer cylinder. **DO NOT USE GASKET COMPOUND ON THIS GASKET OR ON THE OIL FILTER ADAPTER. THIS GASKET MUST BE INSTALLED DRY.**
6. Apply oil to the oil pump housing threads.
7. Thread the transfer cylinder into the oil pump housing. Temporarily install the filter to be used onto the oil filter adapter. Insure that at least 1/2-inch clearance exists between



the oil filter and other items in the engine compartment. Using a torque wrench, tighten the transfer cylinder to 65 foot pounds of torque. Use of a torque wrench is mandatory per the ICA. Remove the temporarily installed filter. Safety-wire the transfer cylinder the engine accessory case.

9. Install the oil temperature probe in the end of the oil filter transfer cylinder in accordance with the engine or airframe manufacturer's instructions. Safety-wire the temperature probe and reconnect the probe wire.
10. Install the oil filter in accordance with the oil filter manufacturer's installation instructions and safety-wire it.
11. Check the engine oil level. If adequate, start the engine and check for leaks. If there are no leaks, shut the engine down and check the oil level again. The filter holds about a quart. Thus, the oil level may be lower. Adjust the engine oil level as necessary.
12. ***If blast air was provided to the oil temperature probe,*** the blast air tube will need to be modified to provide blast air to the oil temperature temp probe at its new location in the end of the oil transfer cylinder. Extend, reposition and/or modify the blast air tube as necessary.

**ATTENTION:**

**THE OIL FILTER ADAPTER TRANSFER CYLINDER MUST BE RE-TIGHTENED TO 65 FOOT POUNDS OF TORQUE BETWEEN 8 AND 12 HOURS OF OPERATION AFTER ITS INSTALLATION OR ANY TIME THE ADAPTER IS REMOVED AND REINSTALLED. USE OF A TORQUE WRENCH IS MANDATORY.**



In addition to the description of work you provide in Section 8 on form 337, you must include the following statement:

*“A minimum of 1/2-inch clearance must be maintained between the oil filter and adjacent components. Make sure that adequate clearance exists on all sides of the filter to allow for the engine’s movement in its mounts so that that no interference occurs with controls, cables, wires or other items. If the oil filter adapter is loosened, or removed from the engine for any reason, it must be re-installed using new gaskets and tightened in accordance with these installation instructions and properly safety-wired”.*

Spin-on oil filters approved for use on the applicable engine and airframe are approved for use with the Stratus oil filter adapters.

Oil Filter Adapter CO-300 is typically used on the following aircraft:

Beechcraft Bonanza  
Beechcraft Debonair  
Cessna 170, 172  
Globe Swift  
Maule

**For additional information, please call 843-991-1199 or visit [www.tempestplus.com](http://www.tempestplus.com) .**

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#### Limited Warranty

STRATUS warrants that this oil filter adapter is free from 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 the manufacturer's installation instructions and it is used for its intended purpose. In case of defects in material or workmanship. STRATUS's obligation is to repair or replace the product at STRATUS's sole discretion. STRATUS assumes no responsibility for incidental or consequential damages or damage due to improper installation, misuse of this product, or from failure to follow the engine manufacturer's recommendations regarding the care and operation of the engine.

S.T.C. SE8409SW Rev. 3

