

## EFG Piston Engine Pressure Test for Piper Malibu & Mirage Inspection Checklist and Test Report

Use this form when performing EFG Engine Pressure Test as described in Drawing No. 12003-1004, to record inspection results and corrective actions required to restore airworthiness. Maintaining the integrity of this system is critical to engine performance and safe operation of the aircraft. Pressure testing detects engine leaks that are not easily found by a visual inspection only. Repair of induction leaks will reduce turbocharging requirements and help maintain engine performance. Early detection and repair of exhaust leaks provides a significant enhancement to safety by preventing more progressed exhaust leaks which can result in loss of power and engine fires. EFG recommends that this procedure be accomplished at 50 hour service intervals. Use Test Kit No. 1220-1000 and consult Drawing No. 12003-1004 for instructions and procedures.

AIRCRAFT MODEL	REG NO.	SERIAL NO.	DATE	TESTED BY
PA46-		46		

TEST ITEM	OK	SQUAWK	ACTION TAKEN
<b>Turbochargers:</b>			
Visual inspection			
Compressor turbine condition			
Turbine friction			
Turbine shaft free play			
<b>Exhaust System:</b>			
Cylinder exhaust ports			
Slip Joints			
V-band joints			
Flange joints			
<b>Induction:</b>			
Intake manifold & runners			
Reinforced silicone hose joints			
Upper deck pressure runners			
Pressurized Fuel Injectors			
Pressurized Magnetos			

<b>NOTES:</b>



*Perfecting the Flight Experience through Innovation*