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PIPER TURBO LANCE / SARATOGA

INTERCOOLER BENEFITS

- Increased Cruise Up to 12Kts
- Increased Max. Cont. H.P. to 294 (was 270)
- Increased Rate of Climb
- Reduced Operating Temps
- Extended Engine Life
- Lower Maintenance Costs
- More Take-off Power even on HOT Days
- Engine Critical Altitude Increased
- FUEL SAVINGS up to 15%
- Extended Range
- Same H.P. with Less M.P.

INTERCOOLER KIT

- Intercooler with Associated Ducting
- New Turboplus Lower Cowling
- New Automatic Alternate Air
- High Efficiency Induction System
- Engine Intercooler Gauge-3 Temps.
 1. Compressor Discharge Temp.
 2. Charge Air Temp.
 3. Differential Temp.
- Redesigned Engine Cooling System w/ Oil Cooler Plenum
- Certified Hardware
- Custom Intercooler Hoses
- Turboplus and FAA Documents

LABOR HOURS

- Estimated 44 Hours Installation

More Power for a Better Climb Rate

Less Drag for Better Cruise Speed

Cooler Inlet Air allows Leaner Mixture Better Economy

Faster-Better-Cheaper

Before any aircraft is accepted for a Turboplus intercooler installation an extensive "flight test" is performed to determine and record the critical engine altitude, oil and cylinder head temperatures and fuel flows at given power settings. Any discrepancies that might affect the efficiency of operation of the Turboplus intercooler are noted. After installation, another "flight test" ensures that engine and aircraft performance adhere to Turboplus Aircraft Systems, Inc. high standards. Post modification flight test data provides a direct "Before and After" comparison of the dramatic improvement in aircraft performance and engine operation.