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# MOONEY M20K

## INTERCOOLER BENEFITS

- Up to 80°C/144°F Induction Air Temp. Drop.
- Extended Engine Life
- Lower Maintenance Costs
- Full Take-off Power on HOT Days - High Altitude Airports
- FUEL SAVINGS up to 15%
- Extended Range
- Same H.P. with Less M.P.
- Cooler CHT and Oil Temps Allows Engine Operation Farther from Point of Detonation
- Engine Critical Altitude Increased

## INTERCOOLER KIT

- Intercooler with Charge Air Cooling Plenums
- NACA Duct & Template
- Engine Intercooler Gauge-3 Temps.
  1. Compressor Discharge Temp.
  2. Charge Air Temp.
  3. Differential Temp.
- Certified Hardware
- Custom Intercooler Hoses
- Turboplus and FAA Documents

## LABOR HOURS

- Estimated 30 Hours Installation

**MAKE YOUR 231 A 241!**

**241 MPH @24,000 FT. MAX SPEED**

*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.*