

BONANZA

550 T.I. Engine Conversion

FAA / PMA Approved (STC SA10145SC)

This STC is applicable to the Bonanza 35-C33A, 36, A36, E33A, E33C, F33A, F33C, S35, V35, V35A and V35B



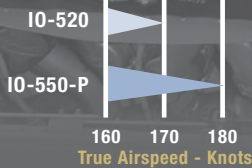
Cruise Faster. Climb Stronger. Save thousands of dollars.

The 550 T.I. (tuned induction) engine installation uses a combination of the 550 cubic inch TCM IO-550-R engine which produces 310 horsepower at 2700 RPM and the new Hartzell "Super Scimitar" propeller. The engine incorporates a top mounted tuned induction system and cross flow cylinder head technology to achieve increased power and fuel efficiency while providing a 2000 hour-TBO.

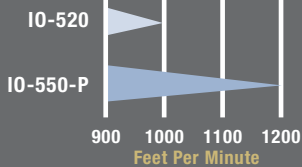
KEY FEATURES OF THIS INSTALLATION INCLUDE:

- Power - 310 continuous horsepower for improved takeoff and climb performance.
- Propeller - Includes new 82" diameter Scimitar Propeller and Polished Spinner
- Top Mounted Tuned Induction System - Provides optimum distribution of cool air to all cylinders
- Balanced Power - Smoother engine and cabin due to balanced power between all cylinders.
- Carbon Fiber Cowling - All new aerodynamically optimized carbon fiber 2-piece nose bowl and cowling doors.
- Functional Economy Cruise - Operate normally on the "lean side of peak" EGT for optimum fuel economy. Cruise fuel flow reduction of 1 1/2 to 2 gallons per hour.
- Reduced Operating Cost - Significant operating cost reduction due to increased fuel efficiency and 2000 hour TBO.

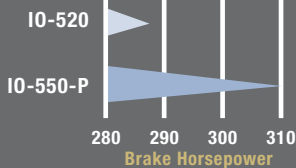
CRUISE SPEED 75% POWER



CLIMB RATE



MAX CONTINUOUS HORSEPOWER



TBO

