

550 T.I. ENGINE FOR THE BEECHCRAFT BONANZA

STC FOR CONTINENTAL IO-550-R FOR THE BEECHCRAFT BONANZA

(MODELS 35-C33A; 36; A36; E33A; E33C; F33A; F33C; S35; V35; V35A; V35B; G36)



FASTER - FARTHER - HIGHER - STRONGER ... FOR LESS

Cruise Faster and Burn Less Fuel with the IO-550 T.I. Conversion for Beechcraft Bonanza! Make Your Bonanza More Mission Capable.

Cruise Faster, Climb Stronger and Save Fuel.

The 550 T.I. establishes a new definition of performance, safety and comfort for pilots familiar with the standard Beechcraft Bonanza. The non-turbocharged 550 T.I. can climb quicker and cruise faster than the stock Bonanza. This allows the operator to fly faster and higher in smoother air or above inclement weather. You can feel the horsepower on takeoff and see the fuel consumption difference. Maneuver wherever your mission takes you; the 550 conversion remarkably reduces takeoff distance and doubles your rate of climb. In addition, it comes with 500 hours increase on TBO and can be run at a rich or lean peak.

Key Operational Benefits - Bonanza IO-550 T.I.

Item	IO-520	IO-550 T.I.	% Improvement	Benefits
Horsepower	285	310	9%	Increase operational envelope and safety
Max Cruise Speed @ 6000 Feet (Knots)	162	180	11%	Save valuable time
Cold Cylinder Head Temperature (°F)	370	325	12%	Effortlessly reach 2200 hours TBO with lower engine thermal stress
Max Cruise Consumption (GPH)	16.7	13.6	19%	Lower cost and environmental impact
TBO (Hours)	1,700	2,200	29%	Lower cost and downtime
MTOW Reachable Initial Altitude (To Same Lower Rate of Climb)	7,000	10,000	43%	Increase operational flexibility and safety
Distance Between Overhauls @ Max Cruise Speed (Miles)	275,400	396,000	44%	Get more trips between overhauls
Fuel + Engine Overhaul Cost per Mile Over 2200 Hours Interval (\$ US)	0.91	0.51	44%	Significantly reduce operation cost
Initial Rate of Climb in Feet/Minute	500	1,000	100%	Increase operational envelope, safety and double the fun!

Note: Results may vary based on aircraft conditions and other variables

Why Overhaul When You Can Experience Much More for Less?

Our company division (formerly Atlantic Aero – Kernersville) has developed one of the most sought after and successful STCs in the industry enabling Beechcraft Bonanza owners to replace their IO-520 engine with the modern Continental Motors™ IO-550-R engine.

The resulting 550 Tuned Induction Engine Conversion STC (FAA & ANAC) is approved to equip a wide range of Bonanza aircraft models and creates a significant financial return through aircraft operation savings and improved resale value. The 550 T.I. conversion gives operators more... for less.

Order yours today by emailing mfginfo@summitaviationmfg.com or by calling John Ackerman at **336.497.5517**. You'll wish you'd have called John sooner!