

1987 A36 Bonanza
with Allison Turbine



















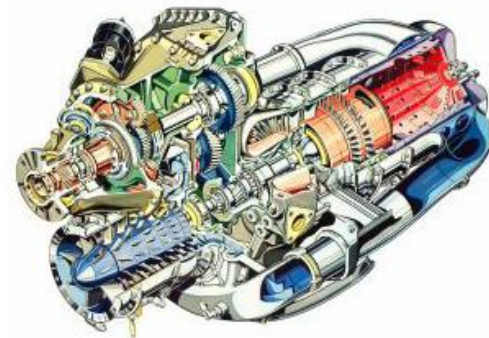
Turboprop Power by Rolls-Royce

Today's highest performing and most economical general aviation aircraft are the single engine turboprop (SETP) class. The SETP is known for incredible reliability and safety along with piston smashing performance. Soloy continues to raise the bar with its latest version and unmatched factory support of a legendary airframe engineered to a perfect power package. The Rolls-Royce powered Soloy A36 Bonanza. Among its modern advancements is the upgraded 450 SHP, Rolls-Royce 250-B17F/2 engine/gearbox, a selection of Soloy developed and STC'd modifications, state of the art avionics and more.



Benefits

- Easy transition in the same aircraft type
- Far lower cost than any new turbo-prop
- Utilize lower cost jet fuel
- 3500 hour engine TBO
- Lower noise signature
- Greatly reduced vibration levels



Specifications

Seats	6 Total
Propeller	3 & 5 Blade Options

Weights

Max Ramp	3849 lbs
Max. Takeoff	3833 lbs
Max. Landing	3650 lbs
Typical Empty Weight	2450 lbs
Typical Useful Weight	1449 lbs

Fuel Range

Capacity	114 gal (useable)
Range	1225sm @ 20,000 ft
Approved Fuel	Jet A, Jet A1, JP5, & JP8

Engine

Type	Rolls Royce 250-B17F/2
HP	450hp
Power/Weight	2.15:1
Weight	195lbs
Airflow	3.58 lb/sec
Pressure Ratio	7.2:1

Performance

Climb Performance

Rate of Climb	1,900 f/pm
Time to climb to 18,000 ft	15 min
Time to climb to 20,000 ft	18 min
Service Ceiling	25,000 ft
10,000 ft	200 knots

Cruise Power

15,000 ft	205 knots
20,000 ft	195 knots

Stall Speeds

Flaps Down	57 knots
Flaps Up	65 knots

Take Off Distance

Ground Run	580ft
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Landing Distance

Ground Roll	325ft
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Cruise Range

10,000 ft	820nm
15,000 ft	985nm
20,000 ft	1065nm

1987 Beechcraft Turbine A36 Bonanza

Overview:

Low time A36 Bonanza with
Allison Turbine engine conversion
performed by Soloy in 1994

2,163 total hours

Engine: Allison 250-B17/F2

1,802 total hours

541 hours since hot section

3500 hour TBO

Installed 1994

Propeller:

Hartzell HC B3TF-7A 3 Blade

Overhaul Date: February 2025

Next due February 2031

Aircraft Specifications

Avionics:

1 Garmin G500 with SVT

2 Garmin GTN 650's

Garmin GTX 335 ADS B Out

Garmin GDL 69A

Garmin GMA 340 Audio Panel

L3 Skywatch 497 Traffic Avoidance System

GMX 200 Weather Radar

GRS77 AHRS

BF Goodrich WX-500 Stormscope

Auto Pilot: BendixKing KFC 200

Other Options:

Aerox 6 Place Built in Oxygen System

Bleed-Air Instrument System


Fuel tip tanks for extended range

Freon Air Conditioning

Interior: 2021 refurbishment; Feb 2023 Carpet

Exterior: 2021 new paint

Maintenance Status as of Oct 2025

STATUS OF COMPONENTS AND PROGRAMMED INSPECTIONS												
REGISTRATION: TI-BJK	AIRCRAFT TC				DESCRIPTION	ENGINE	PROPELLER					
MANUFACTURER: BEECHCRAFT	FECHA	4/10/2025			TC							
MODEL: A36TC BONANZA	TTAC	Hrs 2163.2			MODEL	250B17F/2	HC-B3TF-7A					
SERIAL: E-2370					SERIAL	CAE-881218	EXA1013					
MNF YEAR: 1987					TSO	TSN 1802	9.2 Hrs					
COMPONENT DESCRIPTION	P/N	S/N	MNF	W/O N°	INSTALLED DATE	T.T. A/C ENG AT INST	T.B.O	TIME ITEM AT INSTALL	T.S.O	NEXT	REMAINING	
POWER PLANT												
ENGINE SOLOY/A36 AMM 5-10-00	250B17F/2	CAE-881218	ALLISON		21/9/1994	0 Hrs Eng	3500 Hrs	0 Hrs	1802 Hrs	3500 Hrs	1698 Hrs	
HSI SOLOY/A36 AMM 5-10-00					2/6/2022	1261 Hrs Eng	1750 Hrs	0 Hrs	541 Hrs	3011 Hrs	1209 Hrs	
STARTER GENERATOR SOLOY/A36 AMM 5-10-00	150SG117Q	7839			2/6/2022	1261 Hrs Eng	1000 Hrs	0 Hrs	541 Hrs	2261 Hrs	459 Hrs	
FUEL CONTROL SOLOY/A36 AMM 5-10-00	2524986-8HX/23065108	BR56559			21/9/1994	0 Hrs Eng	2000 Hrs	0 Hrs	1802 Hrs	2000 Hrs	198 Hrs	
FUEL PUMP SOLOY/A36 AMM 5-10-00	6899253	T109160			21/9/1994	0 Hrs Eng	2250 Hrs	0 Hrs	1802 Hrs	2250 Hrs	448 Hrs	
COMPRESSOR BLEED VALVE SOLOY/A36 AMM 5-10-00	23073207	FF51327			28/10/2021	1193 Hrs Eng	1500 Hrs	0 Hrs	609 Hrs	2693 Hrs	891 Hrs	
PROPELLER GOVERNOR SB33580-M WOODWARD	687508	2491102A			21/9/1994	0 Hrs Eng	2000 Hrs	0 Hrs	1802 Hrs	2000 Hrs	198 Hrs	
TURBINE SOLOY/A36 AMM 5-10-00	23033383	81051			21/9/1994	0 Hrs Eng	3500 Hrs	0 Hrs	1802 Hrs	3500 Hrs	1698 Hrs	
1ST STG. WHL	M250-10223	660959			21/7/2022	1623 Hrs Eng	1750 Hrs	0 Hrs	179 Hrs	3373 Hrs	1571 Hrs	
2ND STG. WHL	23073854	676659			21/7/2022	1623 Hrs Eng	1750 Hrs	0 Hrs	179 Hrs	3373 Hrs	1571 Hrs	
3ST STG. WHL	23065818	X585016			1/11/2019	1358 Hrs Eng	4500 Hrs	3429 Hrs	3873 Hrs	2429 Hrs	627 Hrs	
4ND STG. WHL	23055944	X609340			1/11/2019	1358 Hrs Eng	4500 Hrs	0 Hrs	444 Hrs	5858 Hrs	4056 Hrs	
COMPRESSOR	23050832	81069			21/9/1994	0 Hrs Eng	3500 Hrs	0 Hrs	1802 Hrs	3500 Hrs	1698 Hrs	
FUEL NOZZLE	23077068	2364			21/9/1994	0 Hrs Eng	2500 Hrs	0 Hrs	1802 Hrs	2500 Hrs	698 Hrs	
PROPELLER												
PROPELLER	HC-B3TF-7A	EXA1013	HARTZELL			2154	4000 Hrs	0 Hrs	9.2 Hrs	6154 Hrs	3990.8 Hrs	
					2/7/2025		6 YRS			2/7/2031	2097 Dias	
OVERSPEED GOVERNOR	23032241	2245591			25/3/2005	0	3000 Hrs	0 Hrs	2163.2 Hrs	3000 Hrs	836.8 Hrs	
LANDING GEAR												
NOSE GEAR RETRACT ROD-ENDS						2000 Hrs	3600 Hrs	0 Hrs	163.2 Hrs	5600 Hrs	3436.8 Hrs	
ACTUATOR						0 Hrs	4000 Hrs	0 Hrs	2163.2 Hrs	4000 Hrs	1836.8 Hrs	
RETRACT MOTOR						2000 Hrs	2000 Hrs	0 Hrs	163.2 Hrs	4000 Hrs	1836.8 Hrs	
RETRACT MOTOR BRUSHES						2000 Hrs	500 Hrs	0 Hrs	163.2 Hrs	2500 Hrs	336.8 Hrs	
FLAPS AND FLIGHT CONTROLS												
FLAP ACTUATORS						2000 Hrs	2000 Hrs	0 Hrs	163.2 Hrs	4000 Hrs	1836.8 Hrs	
FLAP FLEXIBLE SHAFT						2000 Hrs	2000 Hrs	0 Hrs	163.2 Hrs	4000 Hrs	1836.8 Hrs	
INSTRUMENTS												
ALTIMETER						jul-25	730 Days			jul-27	635 Dias	
PITOT STATIC SYSTEM CHECK						jul-25	730 Days			jul-27	635 Dias	
TRANSPONDER						jul-25	730 Days			jul-27	635 Dias	
ELT						jul-25	365 Days			jul-26	270 Dias	
FILTERS												
PRESSURE SYSTEM FILTER (In-line and Intake)					2/7/2025	2154 Hrs	600 Hrs		9.2 Hrs	2754 Hrs	590.8 Hrs	
STANDBY PRESSURE SYSTEM FILTERS (In-line and Intake)					2/7/2025	2154 Hrs	600 Hrs		9.2 Hrs	2754 Hrs	590.8 Hrs	
PESO Y BALANCE												
PESO Y BALANCE					15/3/2023		3 AÑOS			15/3/2028	893 Dias	
PARTE D INSPECCIONES PROGRAMADAS												
100 HOURS ANNUAL						2154 Hrs	100 Hrs		9.2 Hrs	2254 Hrs	90.8 Hrs	
						2/7/2025	365 Days			07/2026	271 Dias	
ENGINE 100 HOURS					2/7/2025	2154 Hrs	100 Hrs		9.2 Hrs	2254 Hrs	90.8 Hrs	
ENGINE 200 HOURS					2/7/2025	2154 Hrs	200 Hrs		9.2 Hrs	2354 Hrs	190.8 Hrs	
ENGINE 300 HOURS					2/7/2025	2154 Hrs	300 Hrs		9.2 Hrs	2454 Hrs	290.8 Hrs	
ENGINE 600 HOURS					2/7/2025	2154 Hrs	600 Hrs		9.2 Hrs	2754 Hrs	590.8 Hrs	
ENGINE 150000 HOURS						1699 Hrs	1500 Hrs		464.2 Hrs	3199 Hrs	1035.8 Hrs	
ENGINE 1750 HOURS						1699 Hrs	1750 Hrs		464.2 Hrs	3449 Hrs	1285.8 Hrs	
NOTAS MANDATORIAS RECURRENTES												
AD95-04-03	SPAR CARRY THROUGHT FRAME STRUCTURE				2/7/2025	2154 Hrs	500 Hrs		9.2 Hrs	2654 Hrs	490.8 Hrs	
AD77-15-12	POWER TURBINE COUPLING NUT				2/7/2025		12 Months			2/7/2026	271 Dias	

Specifications subject to further verification by purchaser