

XP52 ENGINE+ LIFE CYCLE EXTENSION PROGRAM

FOR THE KING AIR 200/C-12
AVAILABLE EXCLUSIVELY FROM BLACKHAWK



PERFORMANCE SOLUTIONS

The Blackhawk Aerospace XP52 Engine+ Program extends the operating life of legacy aircraft by exchanging obsolescent engine, propeller systems and avionics with the modern technology of the PT6A-52 engines, the all-composite MT-Propeller 5-blade Props and the advanced Garmin G1000 NXi Integrated Cockpit. In addition, the XP52 Engine+ King Air 200/C-12 Life Cycle Extension Program saves \$45,000 in fuel costs and \$42,000 in maintenance costs annually per aircraft.

Life Cycle Extension through Modernization while Increasing Performance & Safety

Blackhawk Aerospace has been conducting engineering evaluations for the development of engine and propeller replacement solutions for over 20 years. Our performance upgrades solve obsolescence issues associated with legacy engine and propeller systems while dramatically expanding mission capabilities. With over 37 aircraft performance upgrade solutions installed on 1,000+ military and commercial aircraft worldwide, Blackhawk Aerospace upgrade solutions give you better performance and increased safety margins in all levels of flight.



UPGRADE BENEFITS



25%

Increased
Climb Rate



3,600 hrs¹

Hours for a P&WC Enhanced
Engine Warranty



311+ ktas

Maximum
Cruise Speed



820° C

Maximum ITT



FL260

Full Torque
to Altitude



\$45,000

Annual Operating
Cost Savings

¹P&WC Enhanced New-Engine Warranty 2,500 hours/5 years with prorated coverage to the 3,600 hour TBO

BOOST YOUR AIRCRAFT PERFORMANCE

Blackhawk Aerospace Solutions' engine performance solutions are designed to keep your important assets flying with improved performance, increased reliability, and a higher safety margin.



“ Since upgrading to our 52 engines, we have seen a substantial performance increase. We typically cruise in the 290- to 300-knot range in the upper twenties. Hot day performance is great without the worry of high ITT during takeoff, and climb performance is very impressive. Overall we are very pleased with our new engines. Thank you, Blackhawk. ”

Ken Haxel *King Air B200*

ADVANTAGES

By combining new engines, higher performance propellers, and a more technologically advanced cockpit, you will experience:

- Expanded Mission Capabilities
- More Durable and Reliable Aircraft
- Enhanced Safety
- Reduced Aircraft Weight by 250lbs or More
- Increased True Airspeed and Rate of Climb
- Faster Cruise Speed
- Increased Resale Value
- Decreased Time and Fuel to Climb
- Reduced Operating and Maintenance Costs
- Access to More Airports

WHAT'S INCLUDED

The XP52 Engine+ C-12 Life Cycle Extension program replaces the existing engines, propellers, and avionics with:

Engine Two Factory-New Pratt & Whitney Canada (P&WC) PT6A-52 Engines (Exchange)

Propeller MT-Propeller 5-Blade Composite Propeller

Flight Deck Garmin G1000 NXi Integrated Cockpit

Warranty P&WC Enhanced New Engine Warranty 2,500 Hours/5 Years with Prorated Coverage to the 3,600-Hour TBO

Installation Installation Kit and Drawings

STC Papers STC Paperwork and Instructions for Continued Airworthiness

Manual Flight Manual Supplement

Logbook P&WC Engine Logbook and Blackhawk Logbook Case

Decals Blackhawk Cycle Book and Aircraft Decals

Training P&WC PT6 Line Maintenance Entitlement Training

Subscription Two-Year Subscription for P&WC Engine Maintenance/Parts Manuals

Support Blackhawk Lifetime Customer Support Guarantee

Training Pratt & Whitney Canada Customer Training from FlightSafety International

Gauges Optional: Hawkeye Digilog Smart Gauges

Blackhawk Aerospace Solutions (BAS), LLC is one of four Blackhawk Aerospace affiliated companies. The total number of employees for all Blackhawk companies is less than 80 which allows us to qualify as a small business for numerous aviation NAICS codes. BAS is a "One-Stop Shop" for the management of Maintenance, Repair, & Overhaul (MRO) of aircraft subsystems, engine upgrades, the manufacture of composite aerospace parts, Supplemental Type Certificate (STC) development for aircraft powerplant and avionics modifications, aircraft repair, and full cockpit integrated avionics installations.



READY TO UPGRADE?

CONTACT US TODAY

To discuss extending the life of your King Air 200/C-12 call +1 (256) 217 1780.

BLACKHAWK.AERO

info@blackhawk.aero

Blackhawk Aerospace Solutions Headquarters

150 West Park Loop, Suite 350, Huntsville, AL 35806