

# Blackhawk Super XP52 Upgrade

PT6A-52 engine upgrade for the King Air 200 series



Actual In-Service Performance Comparisons<sup>1</sup> (ISA Day • Max Cruise Power • Mid Cruise Weight)



<sup>1</sup> Individual performance may vary.

<sup>2</sup> 1900 rpm.

## The Ultimate Engine Upgrade!

The Blackhawk Super XP52 engine upgrade for the King Air 200 series integrates unprecedented performance with the highest level of customer service in the turboprop market. The newly certified STC simply exchanges the existing -41 or -42 engines with Pratt & Whitney's latest engine model, the PT6A-52. The more efficient engine design extends the maximum operating temperature to 820°C and boasts a thermodynamic horsepower rating of over 1360 shp which optimizes climb and cruise performance. Welcome to the 300 + knot club!

**Proven Performance, Not Paper Promises**



**Blackhawk XP52 Upgrade Performance<sup>1</sup>**  
 (ISA Day • Max Cruise Power • Mid Cruise Weight)

	Stock King Air 200 (PT6A-41)	Stock King Air B200 (PT6A-42)	Blackhawk XP52 (PT6A-52)
FL350	Torque (ft/lbs)	911 <sup>2</sup>	1153
	RPM	1900	1800
	Fuel Flow (total PPH)	384 <sup>2</sup>	418
	KCAS	130 <sup>2</sup>	149
	KTAS	236 <sup>2</sup>	264
FL280	Torque (ft/lbs)	1328	1580
	RPM	1900	1800
	Fuel Flow (total PPH)	532	564
	KCAS	174	183
	KTAS	271	285
FL230	Torque (ft/lbs)	1624	1888
	RPM	1900	1800
	Fuel Flow (total PPH)	644	680
	KCAS	196	203
	KTAS	280	290

<sup>1</sup> Individual performance may vary.

<sup>2</sup> ISA+10°C Day

**The Blackhawk XP52 Upgrade Kit Includes:**

- Two (2) factory new Pratt & Whitney PT6A-52 850 shp engines with Pratt & Whitney’s new engine warranty
- Installation instructions, STC paperwork, FAA certified flight manual supplement with full performance, instructions for continued airworthiness, Pratt & Whitney engine logbook, Blackhawk logbook case, cycle book and aircraft decals
- Free enrollment in CAMP Systems Aircraft Management Programs
- Shipping of factory-new engines to a Blackhawk approved installation and service facility within the continental United States

**The Blackhawk XP52 Upgrade Benefits Include:**

- Price comparable to overhaul
- Factory-new engines with new engine warranty
- Increased true airspeed
- Increased rate of climb
- Increased single engine service ceiling
- Decreased time and fuel to climb
- Lower operating cost
- Optimal RVSM platform



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