

# INTRODUCING The Blackhawk XR Endurance Kit



**GOVERNMENT, MILITARY, AND SPECIAL MISSION OPERATORS**  
Improved Performance, Operational Flexibility, and Endurance





## WHY BLACKHAWK?

**Blackhawk Aerospace has over 20 years of aircraft performance experience supporting civil, military, and government flight operations.**

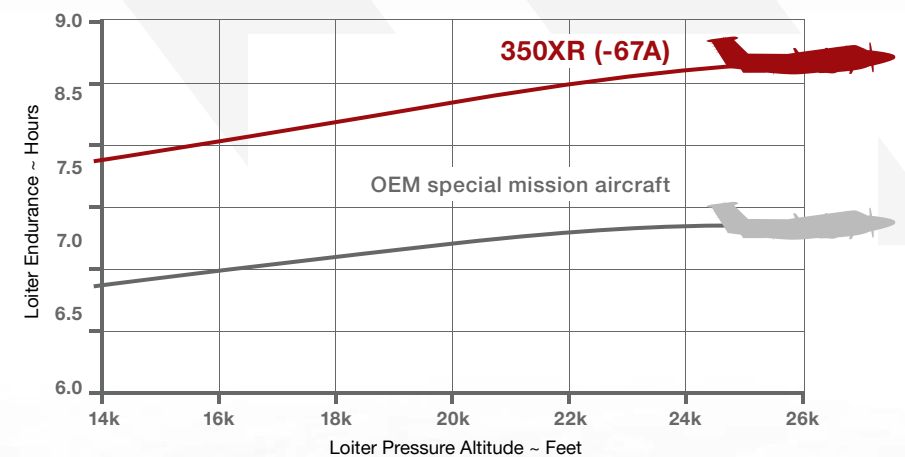
We understand the unique requirements of special mission flying, and designed our XR Endurance Kit to perform in every challenging ISR environment.

## SPECIAL MISSION FLYING

### Backed by Blackhawk

The XR Endurance Kit transforms a King Air 350 into the most capable and efficient King Air — no matter the mission. The complete XR Endurance Kit features powerful Pratt & Whitney Canada PT6A-67A engines, lightweight 5-blade natural composite MT Propellers, CenTex Aerospace Saddle Tanks, heavyweight landing gear, high flotation tires, fully enclosed landing gear doors, a maritime rudder, and the True Blue Power TB44 lithium-ion battery.

## INCREASED LOITER TIME



### Conclusion

The XR Endurance Kit delivers more than an hour increase in loiter time from a 5000' airport at ISA +25° C.

### Conditions

Airport Elevation: 5,000' at ISA +25° C  
 Max. Weight to Achieve Climb Req.  
 Loiter Speed 130 KIAS  
 45 min Reserve Fuel



**5 Blade**

Quiet, 5 Blade MT natural composite propellers; reduce cabin and exterior noise by at least 5 dBA helping to improve stealth operations



**190 Gallon Total Capacity**

Lightweight CenTex Aerospace Saddle Tanks provide more efficiency gains and improves overall endurance and range



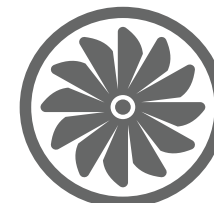
**Heavy Duty**

Heavyweight landing gear and high-float tires increase max gross weight to 16,500 lb



**High Flotation Gear Doors**

Fully-enclosed Raisbeck landing gear doors reduce drag and increase loiter time while protecting wheels, tires, and breaks from the elements



**24% INCREASE IN HORSEPOWER**  
at typical loiter altitudes

Each of the two factory-new Pratt & Whitney Canada PT6A-67A 1200-shaft horsepower (SHP) engines are flat rated to 1050 SHP with a larger compressor that produces higher thermodynamic horsepower output especially at higher cruise altitudes. This extra horsepower capability will improve first, second, and third segment climb while increasing the single-engine service ceiling, improving takeoff performance in high and hot conditions, and supporting expanded pilot capabilities in emergency flight scenarios.

**XR ENDURANCE KIT INCLUDES**

- Two factory-new Pratt & Whitney Canada (P&WC) PT6A-67A engines
- P&WC enhanced new-engine warranty of 2,500 hours/ 5 years with prorated coverage to the the 3,600 TBOs
- FOD-resistant quiet MT composite props
- Heavyweight landing gear, high-float tires, and fully-enclosed landing gear doors increases max gross weight to 16,500 lb
- TB44 True Blue Power lithium-ion battery provides up to 4x longer battery life along with significantly increased cranking amps
- Lightweight CenTex Aerospace Saddle Tanks
- All mandatory and optional Service Bulletins
- Blackhawk lifetime customer support guarantee

**TRANSFORM YOUR KING AIR 350**



**Endurance**

Added fuel and power for improved time on station



**Low-Cost**

Turn-key aircraft acquisition and fleet sustainability



**Takeoff**

MTOW of 16,500 lb even in extreme conditions



**Climb**

Safely to mission altitude in less than half the time



**Weight**

Additional 220 lb of available mission payload

**MISSION SAFETY**  
PEACE OF MIND, GREATER DISPATCH RELIABILITY, AND IMPROVED ENDURANCE



# THE XR ENDURANCE KIT



## FAQs

### Q. HOW LONG CAN THE XR-EQUIPPED AIRCRAFT STAY ON STATION?

A. The XR's ability to takeoff with full fuel loads at airfields with high pressure altitudes and hot temperatures ensures it can provide over 9 hours of loiter time with a 45-minute reserve, every time.

### Q. WHY SHOULD I CHOOSE TO UPGRADE AS OPPOSED TO BUYING A NEW COMPARABLE AIRCRAFT?

A. The XR Kit offers the flexibility to purchase a used King Air 350 – at any age or price point – and elevate it to standards better than a factory-new aircraft. The combined cost of the XR Kit plus a used King Air 350 is at a price point that allows the operator to have the winning edge in government-contracted flying operations.

### Q. DOES THE XR KIT GIVE THE OPERATOR ANY WEIGHT BENEFITS?

A. The XR Kit delivers significant weight savings providing the operator with 220 lbs additional payload capability due to lighter-weight MT composite propellers, True Blue Power TB44 Lithium-ion battery, and CenTex Aerospace Saddle Tanks.

### Q. HOW LONG DOES IT TAKE TO BE MISSION READY?

A. Blackhawk stocks kits to be available for immediate aircraft installation eliminating the wait on long-lead deliveries from the factory. Installation can take between 4-6 weeks depending on current aircraft configuration and installation shop capacity.

### Q. WON'T I BURN MORE FUEL?

A. Yes, the fuel burn is greater at equal altitude. However, taking advantage of the increased climb performance and higher cruise speeds significantly narrows the total fuel burn for a given special mission sortie at higher altitudes.



**BLACKHAWK**  
A E R O S P A C E

Blackhawk Aerospace Solutions, LLC is  
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