

INTRODUCING The Blackhawk XR Endurance Kit



**Presenting The First XR-Upgraded
King Air 350 Available For Sale**

FL-727 | N67XR

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





XR-UPGRADED KING AIR 350

Backed by Blackhawk

The XR Upgrade 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.



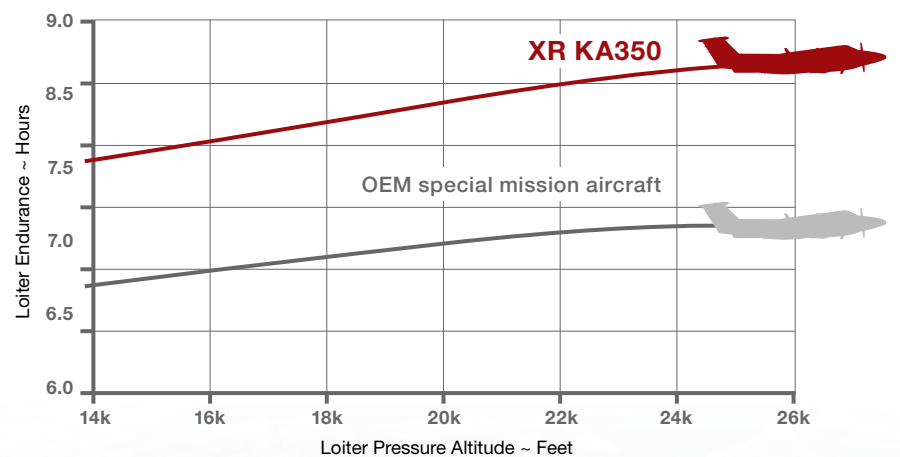
WHY BLACKHAWK?

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.



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



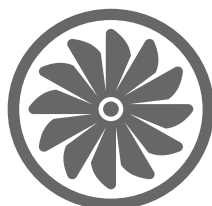
5 Blade

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



Heavy Duty

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



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.



190 Gallon Total Capacity

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



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



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 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
- XR paint Scheme, light gray with dark gray tail

Interior Upgrades
XR-UPGRADED KING AIR 350

New Luminary Special Missions Interior

(2) AvFab Special Mission Operator Seats (optional)

AvFab Special Missions-Grade Toilet



Avionics & Radio Upgrades
COLLINS PROLINE 21



Collins Proline 21 with ADS-B out & IFIS 6

Dual ICC-3000 IAPS IFIS 6 System with charts
(Subs. Required)

L3 GH-3100 ESIS

Dual FGC-3000 In-Flight Guidance Comp

Collins VHF-4000/4500 VHF's with 8.33 Spacing

TWR-850 Weather Radar with Turbulence Detection

Dual AHC-3000 Altitude Heading Ref. System

Dual ADC-3000 Air Data Computers

Collins TCAS-4000 TCAS II; L3 Skywatch HP TCAS-II

L3 Comm. FA2100 CVR

ALT-4000 Radar Altimeter

IFIS 6 System with charts
(Subs. Required)

Collins DBU-5010E Data Transfer Unit

GPS 4000-004S WAAS GPS with LPV Approaches

New Dual TDR-94D-502 ADSB out Transponders

Dual FMS-3000S with latest software upgrades

AFD-3010E Display Modification

FMC-3000

Latest PFD/MFD screens

Collins HF-8000 SELCAL

Collins ADS-B out

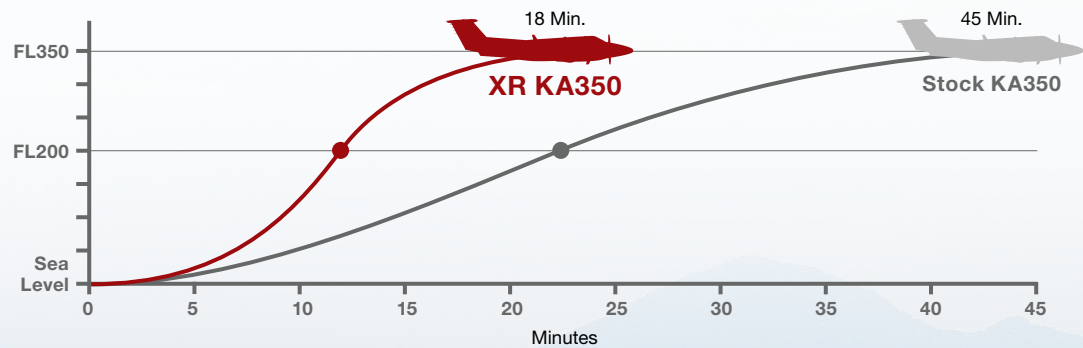
Measurable Benefits

XR-UPGRADED KING AIR 350

Climb Performance:	Increased climb performance – Sea level to FL350 in 18 minutes Greatly improved 2nd segment single engine climb on hot days Ability to get to altitude faster saving fuel Reduced operating costs
Increased Speed:	Increased speed – up to 40 knots faster than stock
Engines:	2 ea. Pratt & Whitney Canada (P&WC) PT6A-67A engines Factory new engines – TSN: 70 hours 1200 shp Flat Rated to 1050 shp RVSM equipped New engine hoses/mounts
Propellers:	2 ea. Factory New MT 5 blade composite props – TSN: 783 hours Saves over 50 lbs. weight – reduced noise & unlimited overhaul capability Significantly quieter cabin due to 5 blade MT props

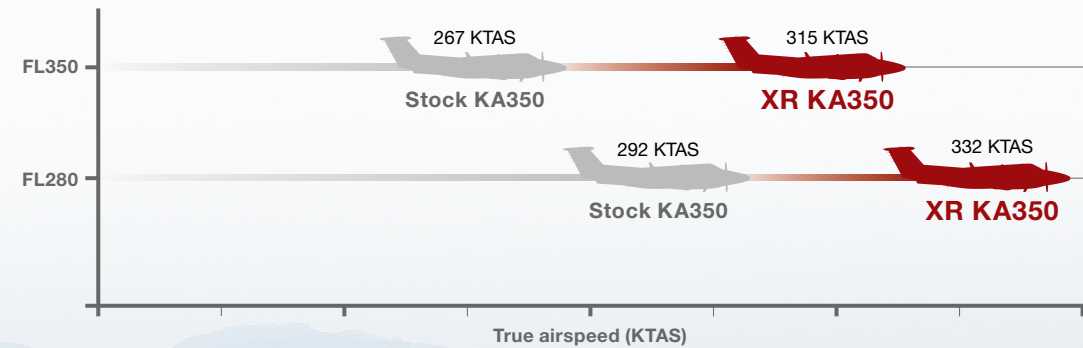
Tanks:	New CenTex Saddle tanks – 190 gallons Tanks increase range by up to 700 nm And increase endurance by up to 2.5 hours over stock No performance degradation
Weight / Capacity:	16,500 lb max gross weight / 4,884 lb fuel capacity / 7,251 lb useful load
ESP Program:	First 400 hours / 2 years of ESP Gold engine service plan included Camp maintenance tracking enrollment included
Airframe Hours:	2,407 Total time since new
Inspection Status:	Fresh Phase 1-4 with sale

INCREASED CLIMB PERFORMANCE



Conclusion
The XR Endurance Kit delivers reduced fuel consumption by reaching altitude faster.

INCREASED SPEED



Conclusion
The XR Endurance Kit delivers max cruising speeds up to 40 knots faster than stock.

FL-727 | N67XR

2010 KING AIR 350i SN: FL-727 Reg. N67XR

XR-UPGRADED KING AIR 350 INCLUDES

Airframe Equipment, Options, & Modifications

New CenTex Saddle tanks – 190 gallons – No performance degradation

- RVSM equipped
- New engine hoses/mounts
- Air Cond w/Aft Air
- True Blue Lithium Ion Battery

13,000 lbs. ZFW

New Textron HWT Landing Gear – 16,500 lbs. MGW Kit

Ground idle stop removed – 600 rpm ground idle

- Known ice equipped w/Brake de-ice
- Winglets/Aft Body Strakes
- Low BOW weight due to weight saving equipment

Up to 10 hours loiter time

Specifications subject to verification by purchaser. Subject to prior sale or removal from the market.



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 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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