

SNC[®]

King Air 350ER Mission Enhancement



Sierra Nevada Corporation's (SNC) King Air 350ER Mission Enhancement provides customers with greater mission capabilities, diversified basing options, increased aircraft performance and safety. The enhancement reduces aircraft weight, increases engine performance and significantly reduces the overall sound signature.

WARNING – Exports, sales, and offerings of the products and technologies discussed herein are subject to U.S. Government approval.

King Air 350ER Mission Enhancement

Exceeding ISR Requirements

The B350 Mission Enhancement provides the most capable, versatile aircraft while increasing safety margins and allowing for worldwide operations. The Mission Enhancement significantly increases time aloft, enhances stealth through significant noise reduction and allows for increased operating weight without increasing take-off risk. It also allows for operations on shorter runways, expanding operational choices.

Mission Enhancement Highlights

- Pratt & Whitney PT-67A engine; operating at 1050 continuous HP, next generation will include a contingency power of 1200 HP for 2 minutes
- MT Propeller; anticipated 8% increase in take-off capability & climb, significant noise reduction in cabin & from ground, reduced maintenance; greater ground clearance, reduced vibration, no ground propeller speed restrictions, unlimited blade life & FOD repairable blades, individual blade replacement on wing
- A True Blue Light-Weight Battery, reduces weight by 35 lbs; can be serviced on the wing
- eABS, Electronic Anti-Lock Brakes, greatly reduce required take-off distances & provides increased safety margin during landing



Enhancement Spotlight

- The entire Mission Enhancement install results in a total aircraft weight decrease of approximately 15 lbs
- Mission Enhancement provides the ability to obtain & actually use the increased maximum zero-fuel weight & increased maximum gross weight STC's, MTOW 17,500 lbs, further increasing mission options and capabilities
- Mission Enhancement installation is estimated to require four weeks & will be completed at SNC's Huntsville facility; a field install capability is planned



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