

SNC[®]

King Air Nose Extension & EO/IR Lift



Sierra Nevada Corporation (SNC) has modified, certified and deployed multiple B200, 300 and 350 King Airs in support of numerous customers with a variety of mission requirements. SNC takes an innovative approach to systems integration, resulting in King Air platform modifications that allow significant flexibility for a range of uses.

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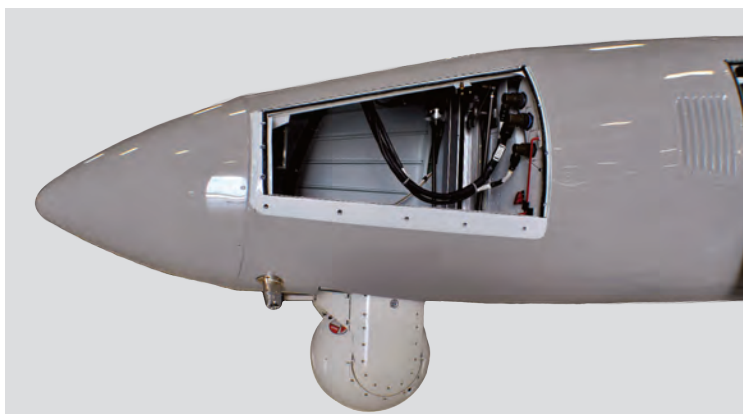
Meeting Critical ISR Needs

SNC's Supplemental Type Certificate (STC) for the King Air series nose extension includes a 3-foot structural modification, allowing for the installation of an electromechanical lift mechanism and mount for a commercial 15-inch, electro-optical/infrared (EO/IR) sensor or similar size device.

This modification allows the sensor to be deployed and retracted in flight without altering the aircraft's flight characteristics. While on the ground, the sensor is stowed providing a "low-visibility" profile of the aircraft and sensor package.

Extended Nose Benefits

- Retractable sensor - Provides low-visibility profile of the aircraft & sensor package
- Better sensor field of view - Less wing obstruction
- Extra space - Nose mount frees up fuselage space
- Fast deployment of sensor - Deploys/Retracts in less than 20 seconds
- Easy to maintain - Easy access to service or change the sensor type
- Secure storage - Sensor is secured while parked at public/unsecured airfields



Extended nose with EO/IR Camera in Operational Mode



Extended nose with EO/IR camera stowed

Extended Nose Features

- Federal Aviation Administration-Certified & SNC-owned STC
- Compartment can accommodate fully retractable 15-inch EO/IR Sensor
- Installation compatible with existing equipment
- The aircraft weight & center of gravity limitations remain the same as the Original Equipment Manufacturer (OEM) configuration
- Large service door with access to sensor, lift & cable connectors



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9/21/2022