Through our work as a prime contractor for the U.S. Government, we have modified, certified and deployed multiple B200, 300 and 350 King Airs in support of various customers with a variety of mission requirements. SNC Integrated Mission Systems’ innovative approach to systems integration resulted in the development of modifications for the King Air platform which allows for significant flexibility for a variety of uses.

As the holder of the STC (Supplemental Type Certificate) for the King Air series nose extension, the three foot structural modification allows for the installation of an electromechanical lift mechanism and mount for a commercial 15 inch, electro-optical/infrared 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 and 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

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**Extended Nose Features**

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

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*Extended nose with 15 inch EO/IR Camera in Operational Mode*

*Extended nose with doors closed - EO/IR camera stowed*