



## Beechcraft King Air BE350 Initial Type Rating Course

The BE350 (350i model) Initial Type Rating Course provides the training necessary for a pilot to operate the BE350 equipped with Collins Pro Line 21 avionics. Completion of this course and passing the relevant flight test will satisfy the requirements of a CASR Part 61 BE350 Type Rating, Instrument Proficiency Check for the BE350 including all CASA recency requirements.

This course provides pilots with the necessary knowledge and skills to operate as single-pilot or multi-crew Pilot in Command, acquiring an in-depth understanding of aircraft systems, flight planning, loading, performance, and in-flight operation for the BE350.

The course is a 13 day (14 days for two pilots training together or multi-crew) program conducted at our Simulator Training Centre located at the Sunshine Coast airport in Queensland, Australia. Pilots will be trained using our onsite full motion Level D BE350 simulator.

To be eligible to commence the BE350 Initial Type Rating course, you must have:

- Private, Commercial or Air Transport Pilot Licence
- Multi Engine Aeroplane Instrument Rating
- Multi-Engine Aeroplane Class rating
- Gas Turbine and Pressurisation design feature endorsements
- Recommended: experience operating with integrated avionics glass cockpit

## Course Overview

Training Elements	Single pilot	Two pilots or Multi-crew
Ground School	34.0 hours	34.0 hours
BE350i Static Trainer	4.0 hours	4.0 hours
Pre-flight briefings and post-flight debriefings	14.5 hours	16.5 hours
BE350i Full Flight Simulator	15.0 hours	30.0 hours
<b>TOTAL</b>	<b>13 days</b>	<b>14 days</b>

### Ground School – Turbine Engined Aircraft Technical Course

This course takes five days and provides the necessary understanding of the basic functions of the BE350 systems, flight planning, loading, performance and Collins Pro Line 21 avionics to prepare for the simulator training.

- Aircraft General
- Electrical Power Systems
- Lighting
- Master Warning System
- Fuel System
- Powerplant
- Fire Protection
- Pneumatics
- Ice and Rain Protection
- Air-Conditioning
- Pressurisation
- Hydraulic Power Systems
- Landing Gear and Brakes
- Flight Controls
- Oxygen system
- Flight Planning
- Loading
- Performance
- Collins Pro Line 21 avionics

At the end of the ground school, the pilot must demonstrate adequate knowledge to pass a written exam on aircraft systems, flight planning, weight and balance, and performance.

### Simulator Sessions

There is one static trainer, several avionics trainer and seven Full Flight Simulator (FFS) sessions. Each training session takes two hours for each pilot with an additional hour and a half for pre-flight briefing and post-flight debriefing. The Type Rating test and Proficiency Check session takes three hours for each pilot with an additional two hours for each pilot for pre-flight briefing and post-flight debriefing.

- Normal Procedures (static and avionics trainer)
- General Handling
- Air work
- Introduction to Asymmetrics
- Cold Weather/Contaminated Runway Operations
- Hot and High Operations
- Pre-Test
- Type Rating - BE350 Multi-Engine Aeroplane flight test and Instrument Proficiency Check