



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 and 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 in a glass cockpit

*For pilots requiring these design feature endorsements, they can be completed singularly or as a combined course, in preparation for the BE350 Initial Type Rating Course, at our Flight Options Training Centre.

Course Overview

Training Elements	Single pilot	Two pilots or Multi -crew
Ground school	34.0 hours	34.0 hours
BE350 Static Trainer	4.0 hours	6.0 hours
Briefings	12.5 hours	14.5 hours
BE350 Full Flight Simulator	15.0 hours	30.0 hours
TOTAL	13 days	14 days

Ground School – Turbine 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
- Master warning systems
- Electrical power systems
- Lighting
- Fuel system
- Powerplant
- Fire protection systems
- Pneumatic system
- Ice and rain protection systems
- Environmental systems
- Pressurisation system
- Oxygen systems
- Hydraulic systems
- Landing gear and brakes
- Flight controls
- Collins Pro Line 21 avionics
- Flight planning, loading and performance

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 and seven Full Flight Simulator 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 flight test and Instrument 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 and contaminated runway operations
- Hot and high operations
- Pre-test
- Type Rating - BE350 Multi-Engine Aeroplane flight test and Instrument Proficiency Check