



## Beechcraft King Air 350i Initial Type Rating

The King Air 350i Initial Type Rating provides the training necessary for a Single Pilot or Multi-crew Pilot to operate the King Air 350i equipped with Proline 21 Avionics. In addition to receiving their type rating, completion of this course will satisfy the requirements of a CASA IPC, FR, IR renewal and recency requirements.

This course provides pilots with the necessary knowledge and skills to operate either as single pilot or multi-crew, acquiring an in depth understanding of aircraft systems, flight planning, weight and balance, and performance for the King Air 350i.

The King Air 350i Initial Type Rating course is a 14-day program and is conducted at our Simulator and Flight Training Centre located on the Sunshine Coast in Queensland, Australia. Pilots will have access to a full motion Level D King Air 350i simulator on site to complete their training.

To be eligible to commence the King Air 350i Initial Type Rating course, you must hold at least:

- Private Pilot, Commercial Pilot or Air Transport Pilot Licence
- Command Multi Engine Instrument Rating
- Current Aviation Medical

It is recommended that you have previous EFIS cockpit experience, preferably with Collins ProLine 21 avionics systems.

[www.flightoptions.com.au](http://www.flightoptions.com.au)

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19 Friendship Avenue North, Sunshine Coast Airport, Mudjimba QLD 4564, Australia

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# Course Module

Ground School	35.0 hours
Briefing / Debriefing	14.0 hours
KA350i Static Trainer	4.0 hours
Simulator (pilot flying)	12.0 hours
Proficiency Check	3.0 hours
<b>TOTAL</b>	<b>14 days</b>

## Course Overview

### Ground School

This curriculum will provide the necessary understanding of the basic functions of aircraft systems, the use of individual system controls, and the integration of aircraft systems with operational procedures in order to prepare for the flight training curriculum.

- 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 and other systems
- Avionics
- Flight Planning
- Weight and Balance
- 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

The curriculum is divided into 8 training modules, with each simulator session taking approximately 4 hours (2 hours for single pilot) with an additional hour and a half for briefing.

- Rockwell Collins ProLine Familiarisation (static trainer)
- Introduction to Standard Operating Procedures (static trainer)
- Normal / Abnormal Operations (FFS)
- Cold Weather / Contaminated Runway Operations (FFS)
- Hot and High Operations (FFS)
- Pre-Test (FFS)

At the end of the simulator sessions, the pilot will be required to complete an Instrument Proficiency Check (IPC) with additional type-specific competencies to a competent standard prior to being issued a course completion certificate and type endorsement on their CASA license (as applicable).

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