

FORWARD FACING

alsim ►

TRAINING PILOTS FOR THE FUTURE

THE ADVANTAGE OF VERSATILITY
BEHIND CQFA'S ALSIM SIMULATOR
CHOICE

CQFA
CENTRE QUÉBÉCOIS DE FORMATION AÉRONAUTIQUE
CÉGEP DE CHICOUTIMI

**CQFA'S
ALSIM STORY**



FORWARD FACING

alsim ►

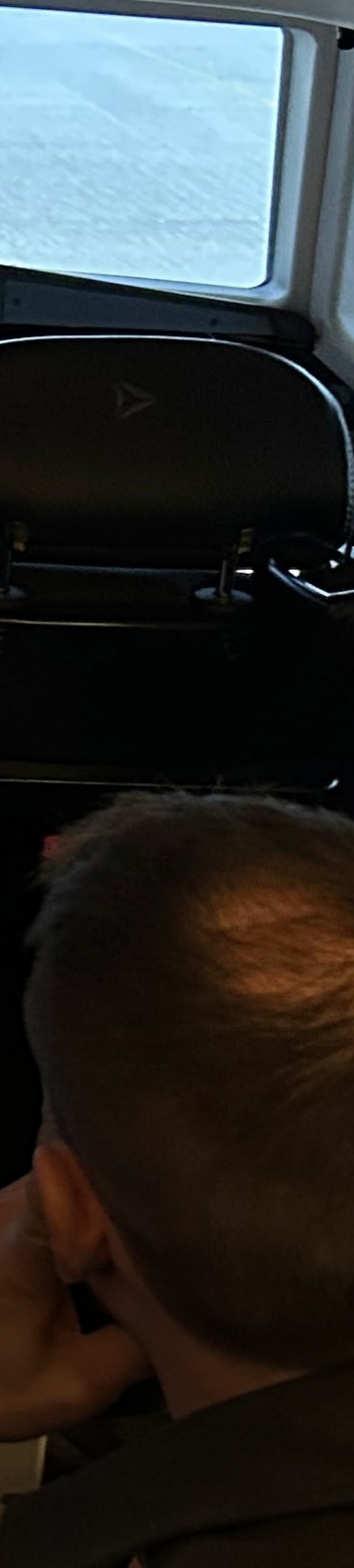
The **selection of the best tool for pilot training** is always a challenge. This choice typically hinges on selecting either type-specific training for a single aircraft model or opting for a universal platform that cultivates adaptable competencies which are transferable across fleets.

At the Centre Quebecois de Formation Aeronautique (CQFA) - a Canadian government advanced training facility, Jean LaRoche, Director of Aeronautical Research and Development, was tasked with developing a bridging course to prepare future airline pilots. This program was designed to bridge the gap between the completion of modular training—including the CPL, instrument rating, and multi-engine rating—obtained at a network of flight schools, and the start of type rating training on commercial aircraft.

In this case the ALSIM Airliner device with excellent visuals and representative instrumentation and software was the better route to cater for range of subsequent aircraft types. The use of type-specific units does, he believes, lead to a tightly focussed course which tends to provide only a narrow range of skills and knowledge.

FORWARD FACING

alsim ➤



The broader education made possible with a generic device leads to a more comprehensive situational awareness and understanding of fundamental aeronautical key elements.

He pointed out that, unlike ALSIM, they were not interested in a hybrid version but ultimately chose ALSIM due to its superior finish quality and generic approach - which better aligns with their mission to train versatile pilots.

It's truly about the global quality – which includes the visual appearance and the experience once you're inside.

Once again ALSIM stands out for the finish quality, visual appeal, and overall package.

We are very pleased.

Jean LaRoche

Director of Aeronautical Research and Development

CQFA, Canada

alsim 

A final, but critical, consideration is that such a generic trainer does not need the bells and whistles (motion platform etc) of a full type training device, and in addition it doesn't require the large physical footprint also needed by the fully loaded FFS.

The cost of such a complicated device can be 4-5 times that of the static platform.



This thinking has led to the selection of the ALSIM Airliner, a hybrid simulator (Fly-by-wire and conventional control) which can provide Multi Crew Cooperation, Crew Resource Management and Jet Handling and Procedures. Suitably certified as EASA FNPT2 MCC, TC Level 2 MCC, and ICAO MPL2, the ALSIM Airliner is an excellent lead-in to different aircraft such as B737,



FORWARD FACING

alsim ►



A320, A220, A350, E190-E2 or the SSG100. The reduced footprint of the ALSIM Airliner device, together with a very flexible and competent support team, creates an uncomplicated and efficient installation process. The full certification process has now been completed as of (June 2025) and the first course (A320 or A350) will start in September 2025.

The generic approach
enables training of more
versatile pilots, better
equipped to adapt to the
aviation industry's
economic cycles.

Jean LaRoche

Director of Aeronautical
Research and Development

CQFA, Canada



FORWARD FACING

alsim 

This hardware fits seamlessly into the underlying philosophy of the Montreal Dorval based training centre.

LaRoche drives the thinking that to be really effective as an operator the pilots need not merely to learn the skills by rote but must understand the “Why” and “How” of the systems in order to operate them to best operational and commercial efficiency.

**This training device –
ALSIM AIRLINER –
is designed to
do exactly that.**



LIKE TO KNOW MORE?

DEMO

REQUEST A SIM DEMO



VISIT
OUR WEBSITE



alsim ▶