

AVIATION SIMULATION

XR Series Flight Training Devices



Tools and expertise
ensuring safer flight

**How do you
better train a pilot?**

With better tools.

With 75 years of experience, CAE knows the importance of having the right tools for effective training delivery. Discover CAE's innovative XR Series training equipment suite, from training management solutions to full-flight simulators, and enhance your operational excellence today.

CAE's XR Series products for all training phases

Leveraging CAE's 7000XR full-flight simulator (FFS) proven capabilities, CAE's XR Series suite of flight training devices (FTD) is the most advanced and comprehensive offering in the fixed-based training market. CAE's 400/500/600XR FTDs cover the widest range of training tasks and offers operators the most flexible and cost-effective training equipment solutions for pilots to practise essential skills in a realistic cockpit environment.

FTD Product Specifications

Features	CAE400XR ^{SERIES} FTD	CAE500XR ^{SERIES} FTD	CAE600XR ^{SERIES} FTD	CAE7000XR ^{SERIES} FFS
CAE XR simulation fidelity	●	●	●	●
CAE XR instructor interface	●	●	●	●
CAE XR lesson and flight plan upload capabilities	●	●	●	●
Responsive multi-touch cockpit graphic interface	●	●		
Tactile primary flight controls and FMS display units	☑	●	●	●
Tactile primary & secondary flight controls and FMS display units		●	●	●
Fully tactile cockpit with exact panel positioning			●	●
Representative flight deck surround and crew seats			●	●
CAE Tropos™ 6000XR visual system monitors	☑	☑	☑	
CAE Tropos™ 6000XR collimated visual system and enclosed instructor area			☑	●
Level D flight controls and motion system				●

● Default ☑ If option selected

FTD Training Capabilities

Training Phase	CAE400XR ^{SERIES} FTD	CAE500XR ^{SERIES} FTD	CAE600XR ^{SERIES} FTD	CAE7000XR ^{SERIES} FFS
Preflight procedures	●	●	●	
Takeoff and departure phase	●	●	●	●
Inflight manœuvres	●	●	●	●
Instrument procedures	●	●	●	●
Landing and approaches to landings	●	●	☑	●
Normal and abnormal procedures	●	●	●	●
Emergency procedures	●	●	●	●
Postflight procedures	●	●	●	●
Extended envelope and adverse weather events	●	●	●	●

● Device can **fully** accomplish this task ● Device can **partially** accomplish this task ● Device **cannot** accomplish this task ☑ If option selected

CAE400XR SERIES



Including optional tactile primary flight controls and FMS display units

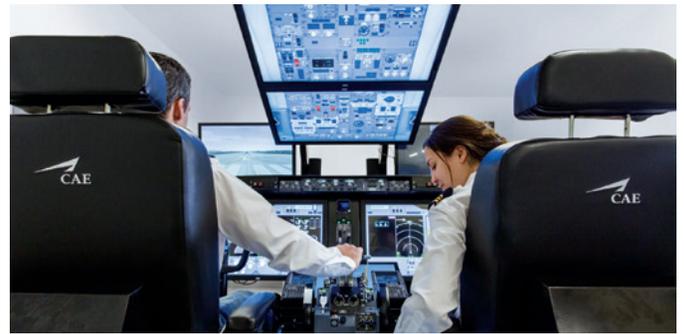


Including optional CAE Tropos™ 6000XR visual monitors

CAE500XR SERIES



Including optional CAE Tropos™ 6000XR visual monitors



Including optional CAE Tropos™ 6000XR visual monitors

CAE600XR SERIES



Including optional CAE Tropos™ 6000XR collimated visual system and enclosed instructor area



Including optional CAE Tropos™ 6000XR collimated visual system and enclosed instructor area (Exploded view for illustration only)

XR Series Training Flight training devices

CAE's flight training devices are part of the innovative and comprehensive XR Series training equipment suite.

CAESimfinityXR SERIES



Ground school
training solutions

CAE400XR SERIES

CAE500XR SERIES



Flight training devices

CAE600XR SERIES



CAE7000XR SERIES



Full-flight
simulators

FTD Qualification Requirements

CAE's flight training devices are designed to meet and exceed FAA Level 4/EASA I to FAA Level 6/EASA II qualification requirements.

Regulatory Circulars			FTD Minimum Requirements										
ICAO (4th Ed.)	FAA (Part 60)	EASA (JAR FSTD A)	Flight Deck Layout & Struct.	Aero & Engine	Ground Handling	Aeroplane Systems	Flight Controls & Forces	Sound Cue	Visual Cue	Env. - Air Traffic Control	Env. - Navigation	Env. - Weather	Env. - Airports & Terrain
													
CAE400XR SERIES			R	S	R	S	G*	G	G*	S	S	R	R
-	-	Level 1	R	R	R	S	N	N	N	S	S	R	R
-	Level 4	-	R	N	N	S	N	N	N	S	S	N	R
CAE500XR SERIES			R	S	R	S	R	R	G*	S	S	R	R
Type IV	-	-	R	G	G	R	G	R	G	G	S	G	R
-	Level 5	-	R	G	G	S	R	N	N	S	S	R	R
CAE600XR SERIES			S	S	S	S	R	R	S*	S	S	S	S
-	Level 6	-	R	S	R	S	R	R	S	S	S	S	S
-	-	Level 2	R	R	R	S	R	R	N	S	S	R	R

S Specific –
Highest level of fidelity

R Representative –
Intermediate level of fidelity

G Generic –
Lowest level of fidelity

N None –
Feature not required

* If option selected

**CAE is a high technology company,
at the leading edge of digital
immersion, providing solutions to
make the world a safer place.**

Backed by a record of 75 years of industry firsts, we continue to reimagine the customer experience and revolutionize training and operational support solutions in civil aviation, defence and security, and healthcare.

We are the partner of choice to customers worldwide who operate in complex, high-stakes and largely regulated environments, where successful outcomes are critical. As testament to our customers' ongoing needs for our solutions, over 60 percent of CAE's revenue is recurring in nature.

We have the broadest global presence in our industry, with more than 13,000 employees, 180 sites, and training locations in over 35 countries.

www.cae.com