

CAE

Montreal Training Centre

Information Guide





Where are
your next pilots coming from?

Right here.

CAE

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Centre Details



Co-located at CAE's world headquarters, CAE's Montreal training centre is conveniently located near Pierre Elliott Trudeau International Airport and downtown Montreal. The centre shares the same building as CAE's corporate headquarters, where our world-class simulators are designed, assembled, and built. The centre delivers the highest-quality training and unparalleled customer service to aircraft operations for many nations.

Centre Leader

Robert Nag
(514) 757-9585
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Flight Training Manager

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martin.simard@cae.com

Technical Group Leader

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Scheduler

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christine.baillargeon@cae.com

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Address 8565 Chem. de la Côte de Liesse
Entrance #2,
Saint-Laurent, Qc, H4T 1G5,
Canada

Telephone (514) 341-2000 ext 6813

Email montreal-centre@cae.com

Centre Capabilities



Private Briefing Rooms

Communal facilities set aside for airline flight crews to review materials related to their planned flights. The rooms are equipped with various media devices to facilitate learning and communication between instructors and students.

Training Classrooms

These rooms are designed to accommodate larger gatherings for lectures, or interactive workshops.

Lounges

Offer clients comforts beyond the basic requirements for training, including several amenities such as complimentary refreshments, television, and wifi.

24/7 Technician Hotline

Assistance is always available
(514) 378-8324 (TECH)

Conference Room

A spacious room to accommodate large groups for meetings.
Available upon request.

Commercial Aviation Training

ATR 42/72 FFS
A220 FFS
A320 CEO/NEO FFS
A330-300 FFS
A320/330 IPT
B737-8 MAX FFS
Dash8 100/300 FFS



Simulator specifications

A220 FFS



AIRCRAFT INFORMATION

Aircraft Manufacturer	Airbus Industries
Aircraft Type	A220 FFS
Aircraft Serial Number	121164
Applicable Advisory Circular	TP9685 Rev 3
 Transport Canada ID Number	1003
 Transport Canada Qualification Level	Level D
 FAA ID Number	1826
 FAA Qualification Level	Level D

SIMULATOR INFORMATION

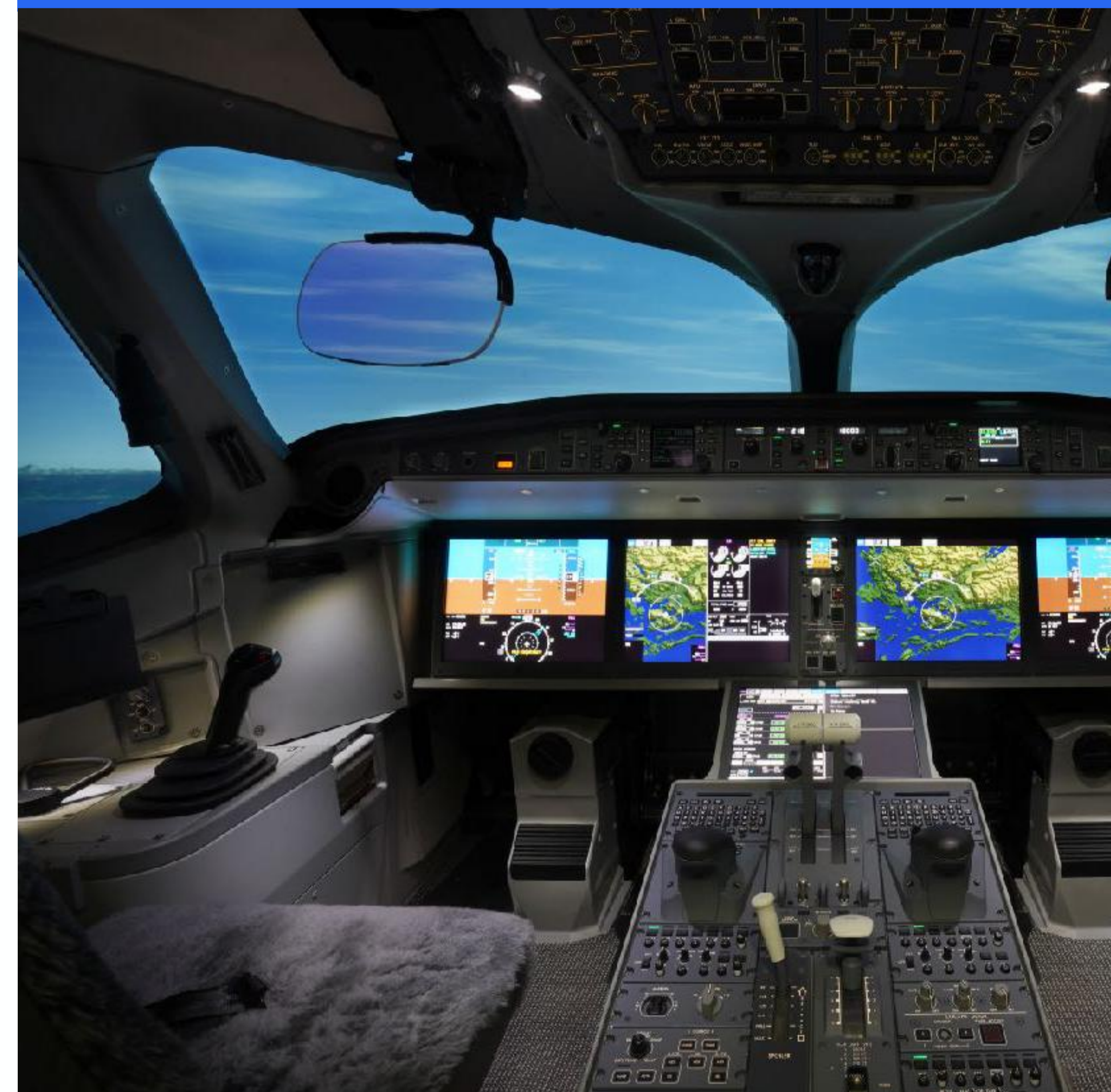
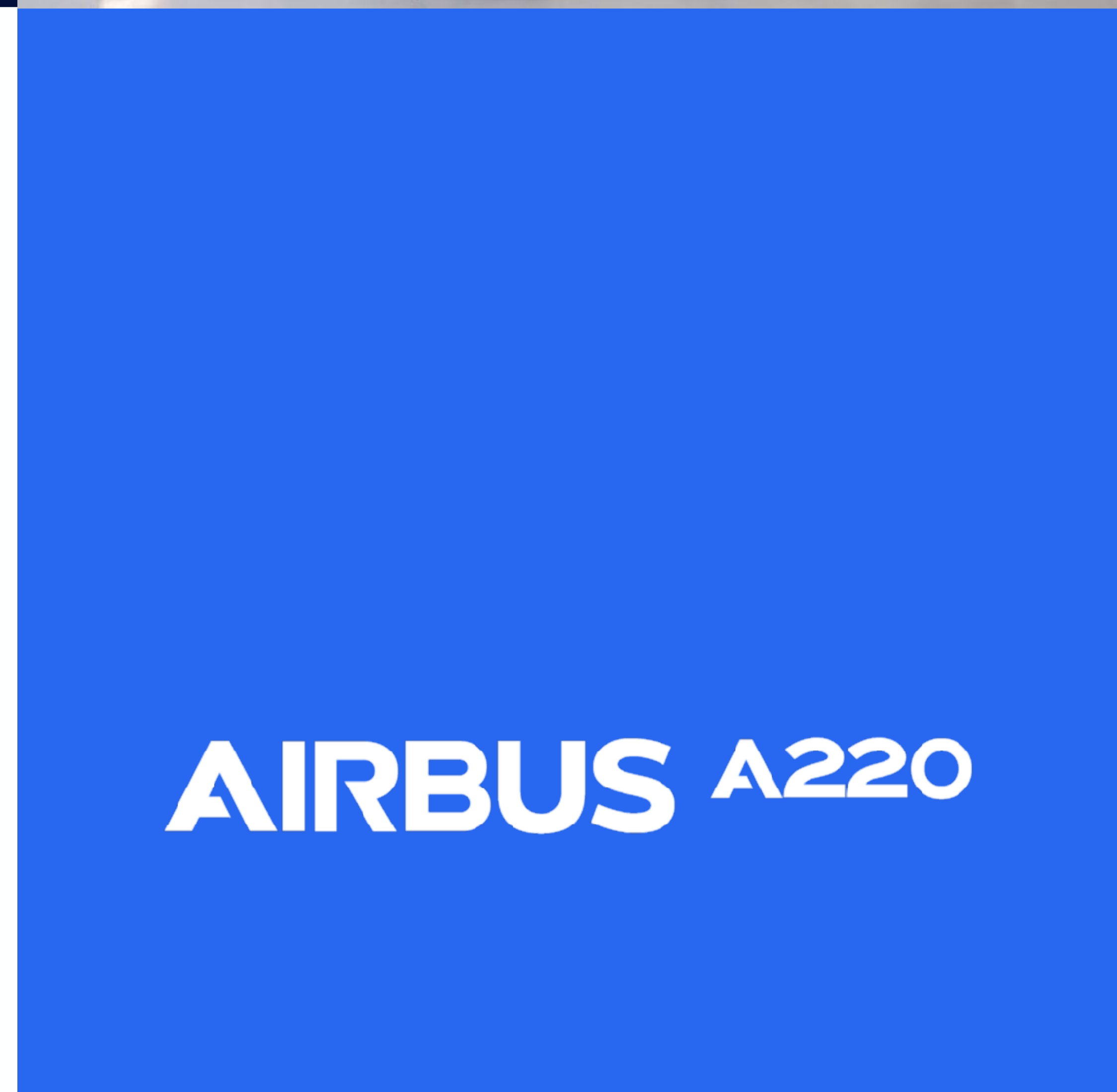
Simulator Manufacturer & Model	CAE Inc. A220 7000XR
Sales Order	121164
Product Code	893
Host Computer	A220 7000XR
Visual System	3-Channel CAE Tropos IG 6023, Barco FL45 4MP LED
Motion System	MOOG Rev 2 TAB 13
Instructor Operating Station (IOS)	ISS
Date in Service	2021

ENGINE INFORMATION

Engine	PW 1524G/24.4K IBF
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AVIONICS

Aerodynamic Data Revision	MAA-BA503-165 Revision A
Flight Controls Data Revision	PFCC:2.2,NM 2.18,DM1.9
Flight Management System	Rockwell Collins FMSA 6010 PM
Flight Warning Computer	FWC K10(T2)
TCAS Version	7.1
GPWS	✓
Avionics Manufacturer	Rockwell Collins PRO-LINE FUSION 5.0






Simulator specifications

A320 FFS



AIRCRAFT INFORMATION

Aircraft Manufacturer	Airbus Industries
Aircraft Type	A320-271N Airbus Standard 2.0
Aircraft Serial Number	116462
Applicable Advisory Circular	TP9685 Rev 2
 Transport Canada ID Number	CEO 929 / NEO 918
 Transport Canada Qualification Level	Level D
 FAA ID Number	CEO 1645 / NEO 1637
 FAA Qualification Level	Level D

SIMULATOR INFORMATION

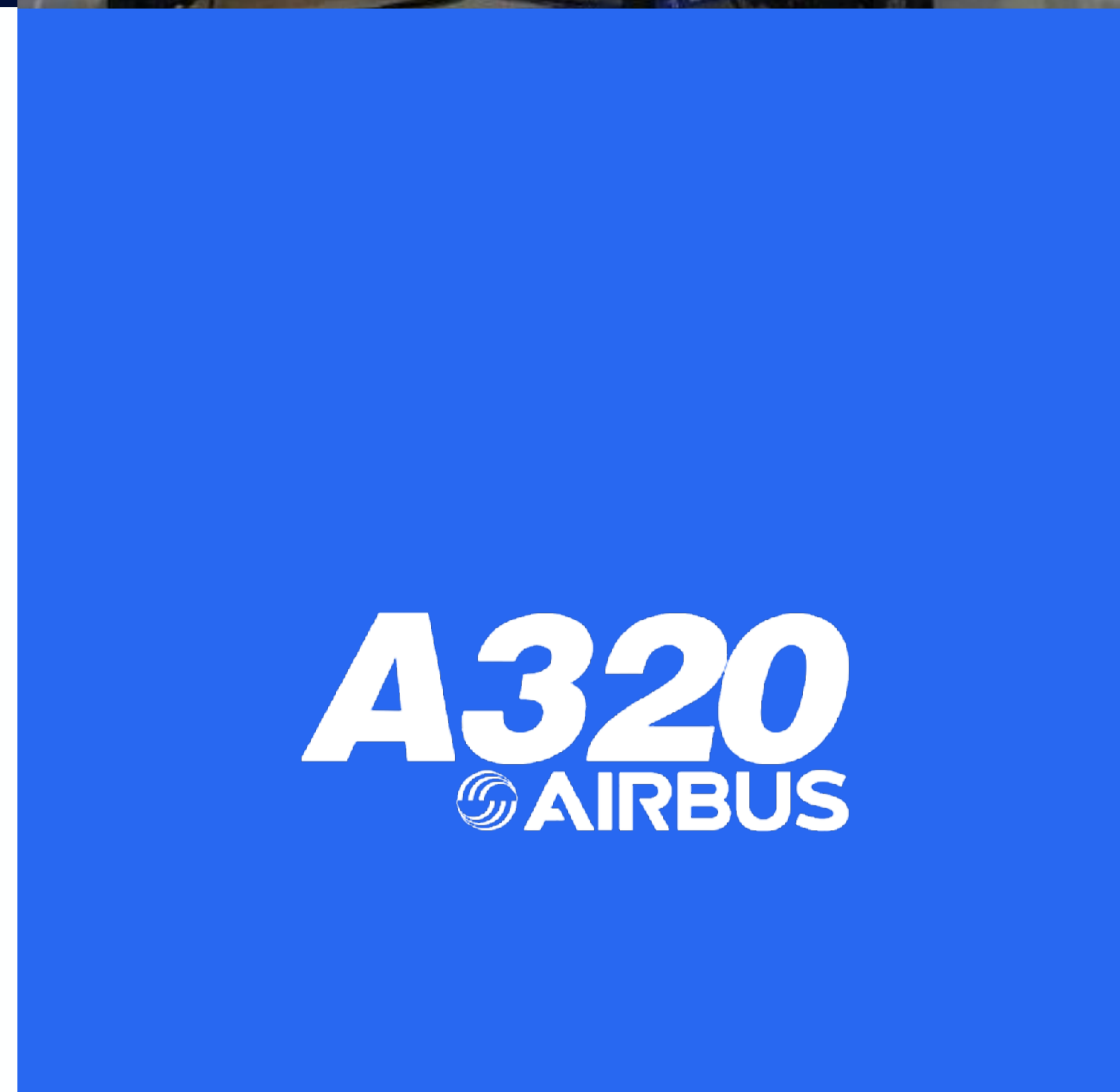
Simulator Manufacturer & Model	CAE Inc. A320 7000XR
Sales Order	116462
Product Code	379
Host Computer	A320 7000XR PR7.1 (CK3)
Visual System	3-Channel CAE Tropos IG 6023, Barco FL35 4MP LED
Motion System	MOOG Rev 2 TAB 13
Instructor Operating Station (IOS)	ISS
Date in Service	2019

ENGINE INFORMATION

Engine	CEO CFM / NEO PW 1127G-JM
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AVIONICS

Aerodynamic Data Revision	Airbus std 2.0
Flight Controls Data Revision	Airbus std 2.0
Flight Management System	Honeywell C13207DA05
TCAS Version	T3CAS (GMAC) ACSS 9005000-11203
GPWS	T3CAS (GMAC) ACSS 9005000-11203
Avionics Manufacturer	Thales & Honeywell





Simulator specifications

ATR 42-72 FFS



AIRCRAFT INFORMATION

Aircraft Manufacturer	ATR
Aircraft Type	ATR42-300/ ATR72-200
Applicable Advisory Circular	TP9685 – Rev 0 (AC120-40A)
 Transport Canada ID Number	1003 / 715
 Transport Canada Qualification Level	Level C

SIMULATOR INFORMATION

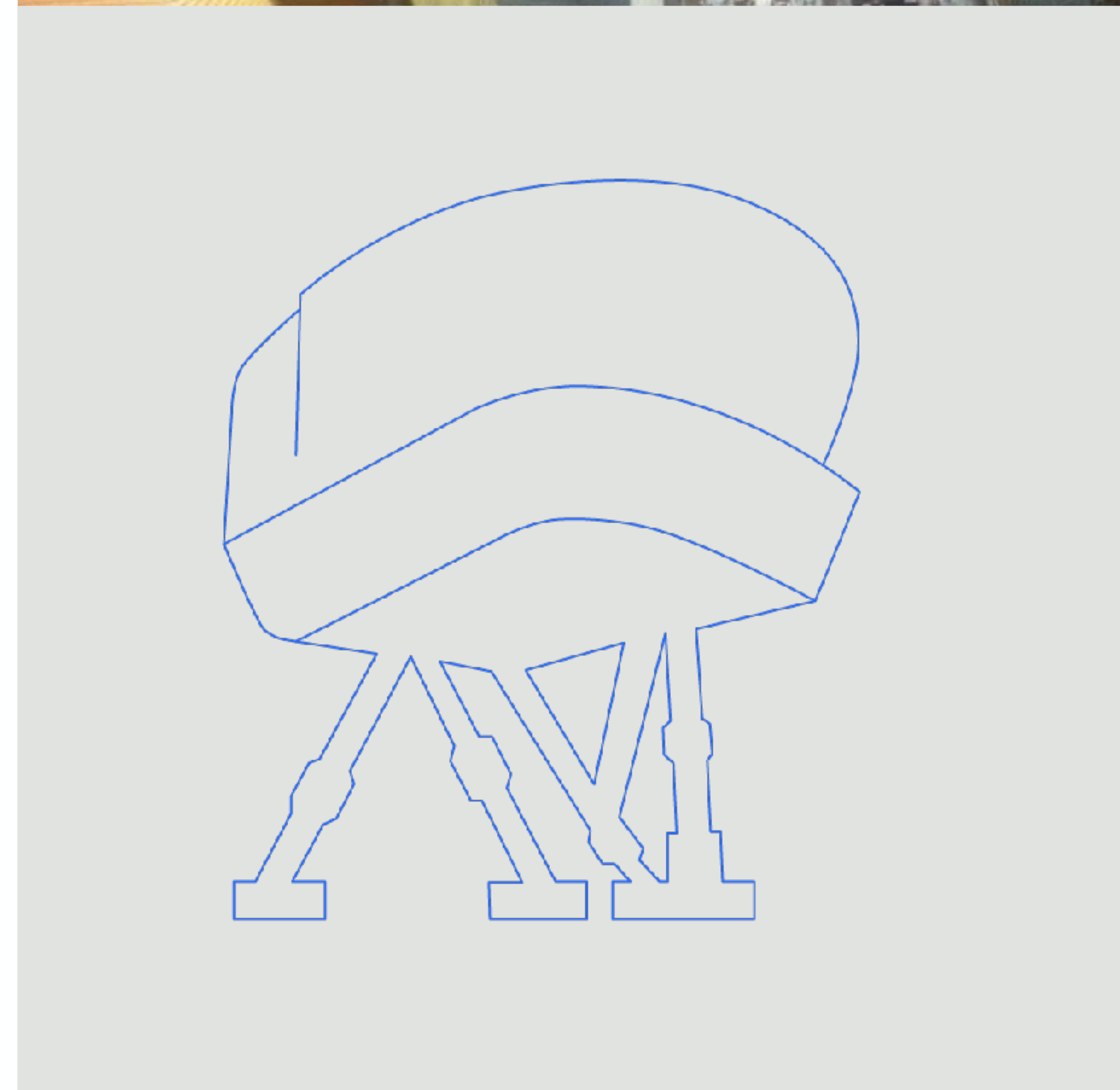
Simulator Manufacturer & Model	FlightSafety International Simulation Systems Division
Sales Order	216
Product Code	480
Host Computer	Concurrent Micro 5
Visual System	CAE TROPOS, Tropos M6000 Projection Model: VLP GH-10 LCOS Projection Manufacturer: Sony Projection Characteristics: Collimated mirror 180 x 40 deg
Motion System	DMS, FSI Characteristics: 35 inches – 6 DOF
Instructor Operating Station (IOS)	Tyco touch screen (sun 1 & sun 2) interface with FSI SUN disk & Nec touch screen dedicated to adjust visual effects
Date in Service	1990

ENGINE INFORMATION

Engine	Model: S71200705 Data: S71200703A Type: PW120 Eng HS-14SF-5 Prop
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AVIONICS

Aerodynamic Data Revision	Dos S00202905
Flight Controls Data Revision	Dos S00202905
Flight Management System	UNS1LW
GPWS	part # 965-1206-006 H/W mod rev 1. Software version 006
Avionics Manufacturer	SP2-8000



Simulator specifications

A330-300 FFS



AIRCRAFT INFORMATION



Aircraft Manufacturer	Airbus Industries
Aircraft Type	A330-300 Airbus Standard 2.6
Aircraft Serial Number	2NL1-223
Applicable Advisory Circular	TP9685 – Rev B/ FAA 120-40B/Draft C
Transport Canada ID Number	TCID 330
Transport Canada Qualification Level	Level D
FAA ID Number	FAA1015
FAA Qualification Level	Level D

SIMULATOR INFORMATION

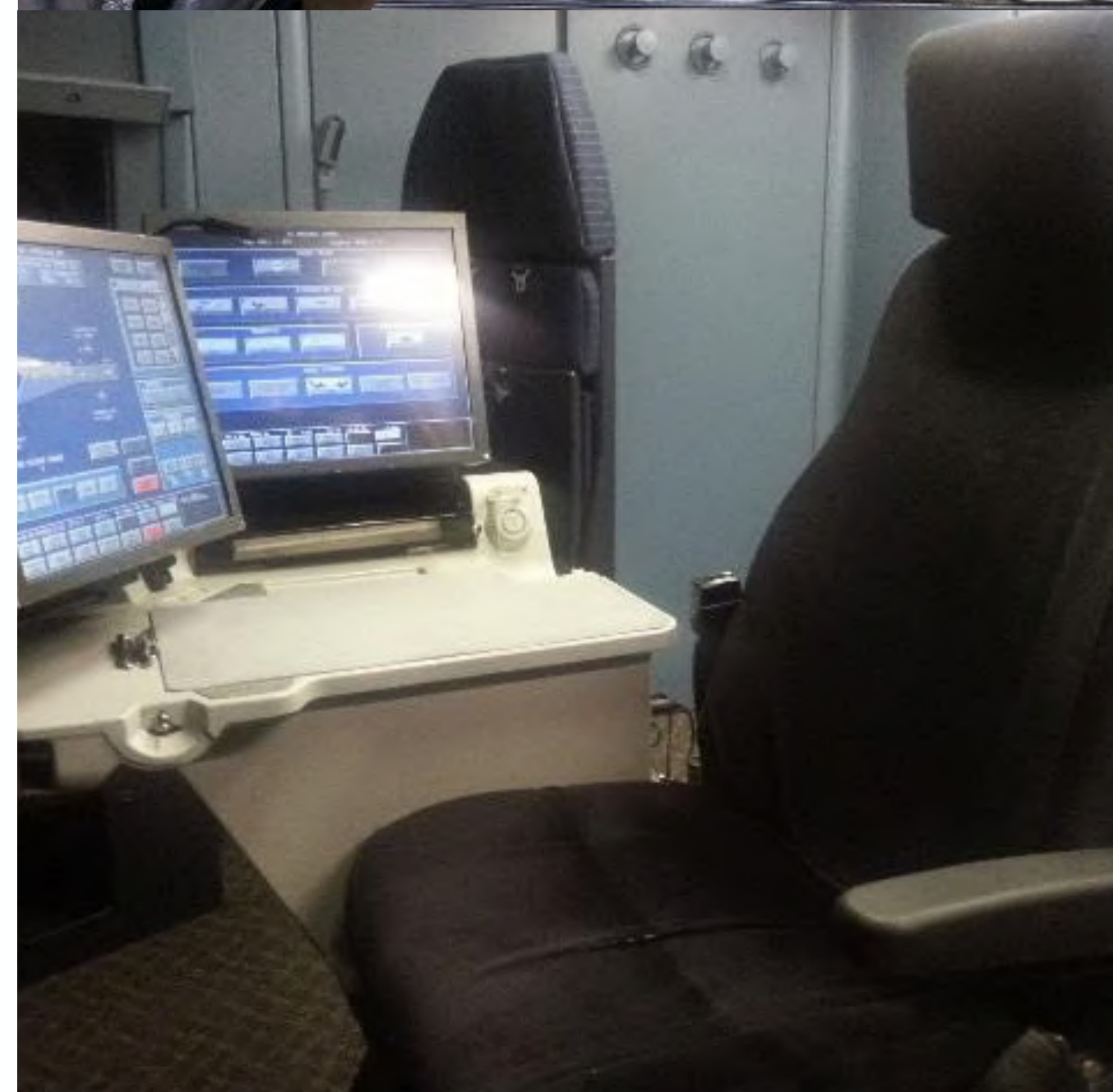
Simulator Manufacturer & Model	CAE Inc
Sales Order	2NL1
Product Code	306
Host Computer	CAE Launchpad OneUI
Visual System	CAE TROPOS 6220
Motion System	CAE 600 Series
Instructor Operating Station (IOS)	LCDs using CAE pages VIEWS
Date in Service	1998 (Note: Simulator Relocation - June 2007)

ENGINE INFORMATION

Engine	Rolls Royce Trent 772 EEC A.7.1 Aerospatiale F71201205
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AVIONICS



Aerodynamic Data Revision	Aerospatiale F00205002 issue 10
Flight Controls Data Revision	FCPC M11 / L14 standard
Flight Management System	FMGEC P3-CD8 standard (Manufacturer: Honeywell)
Flight Warning Computer	FWC K10(T2)
TCAS Version	7.1
GPWS	Warning System EGPWS MK V
Avionics Manufacturer	Honeywell



Simulator specifications

B737-8 MAX FFS

AIRCRAFT INFORMATION

Aircraft Manufacturer	Boeing
Aircraft Type	B737-8 MAX
Aircraft Serial Number	AG2A
Applicable Advisory Circular	TP9685E Revision 3
 Transport Canada ID Number	TCID 1150
 Transport Canada Qualification Level	Level D

SIMULATOR INFORMATION

Simulator Manufacturer & Model	CAE, 7000XR Series
Sales Order	129264
Product Code	297
Host Computer	Compkit 4.1
Visual System	CAE TROPOS 6030XR
Motion System	6 DOF 2500E CAE 60" MOOG Gen 2 (EMM)
Instructor Operating Station (IOS)	CAE OneUI ISS

ENGINE INFORMATION

Engine	CFM LEAP-1B28 (28K Bump 1, 28K, 27K, 25K Thrust Variants)
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AVIONICS

Aerodynamic Data Revision	Boeing VDR_7378CFM28_LevelID Rev F Ver. 378033
Flight Controls Data Revision	Boeing VDR_7378CFM28_LevelID Rev F Ver. R23_78_2
Flight Management System	Smiths U13 (Rehosted)
TCAS Version	TCAS II ver 7.1
GPWS	EGPWS
Avionics Manufacturer	FCC Rockwell Collins – EDFCS (Simulated)



Simulator specifications

Dash 8 100/300 FFS



AIRCRAFT INFORMATION



Aircraft Manufacturer	De Havilland Canada
Aircraft Type	Turboprop Regional Airliner
Applicable Advisory Circular	TP 9685 rev2 / TP 9685E / AC 120-40B
Transport Canada ID Number	486 / 488
Transport Canada Qualification Level	Level D
FAA ID Number	946 / 947
FAA Qualification Level	Level D

SIMULATOR INFORMATION

Simulator Manufacturer & Model	CAE Inc., Classic
Sales Order	2RW2
Product Code	309
Host Computer	IBM RISC system/6000, Model F50, AIX
Visual System	CAE Inc., Tropos 6000XR
Motion System	CAE Inc., Hydraulic 600 Series
Instructor Operating Station (IOS)	Views 2
Date in Service	2002

ENGINE INFORMATION

Engine	PW 121/ PW 123
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AVIONICS

Aerodynamic Data Revision	Dash 8 Series 100 Aero Model Rev 0 / Dash 8 Series 300 QTG, October 2002
Flight Controls Data Revision	Dash 8 Series 100 Control Loading Model 1 / Dash 8 Series 300 QTG, October 2002
Flight Management System	Dual Universal Avionics UNS-1Ew FMS
GPWS	Universal TAWS Class A
Avionics Manufacturer	Honeywell



How to find us



Arriving by car (from the airport)

Head north on Romeo-Vachon Blvd N. Continue straight to stay on Romeo-Vachon Blvd N. Keep left at the fork, follow signs for Autoroute 520 E and merge onto Autoroute 520 E. Take exit 4 toward Laval/ Lachine/Autoroute 13/Montée de Liesse Merge onto Côte de Liesse Way. Take the Montée de Liesse N exit. Merge onto Montée de Liesse. Turn right onto the ramp to Autoroute 520/ Autoroute 13. Continue onto Montée de Liesse. Turn right onto Côte de Liesse Way (signs for Autoroute 520 O). Our centre will be on the right.

Arriving by Train

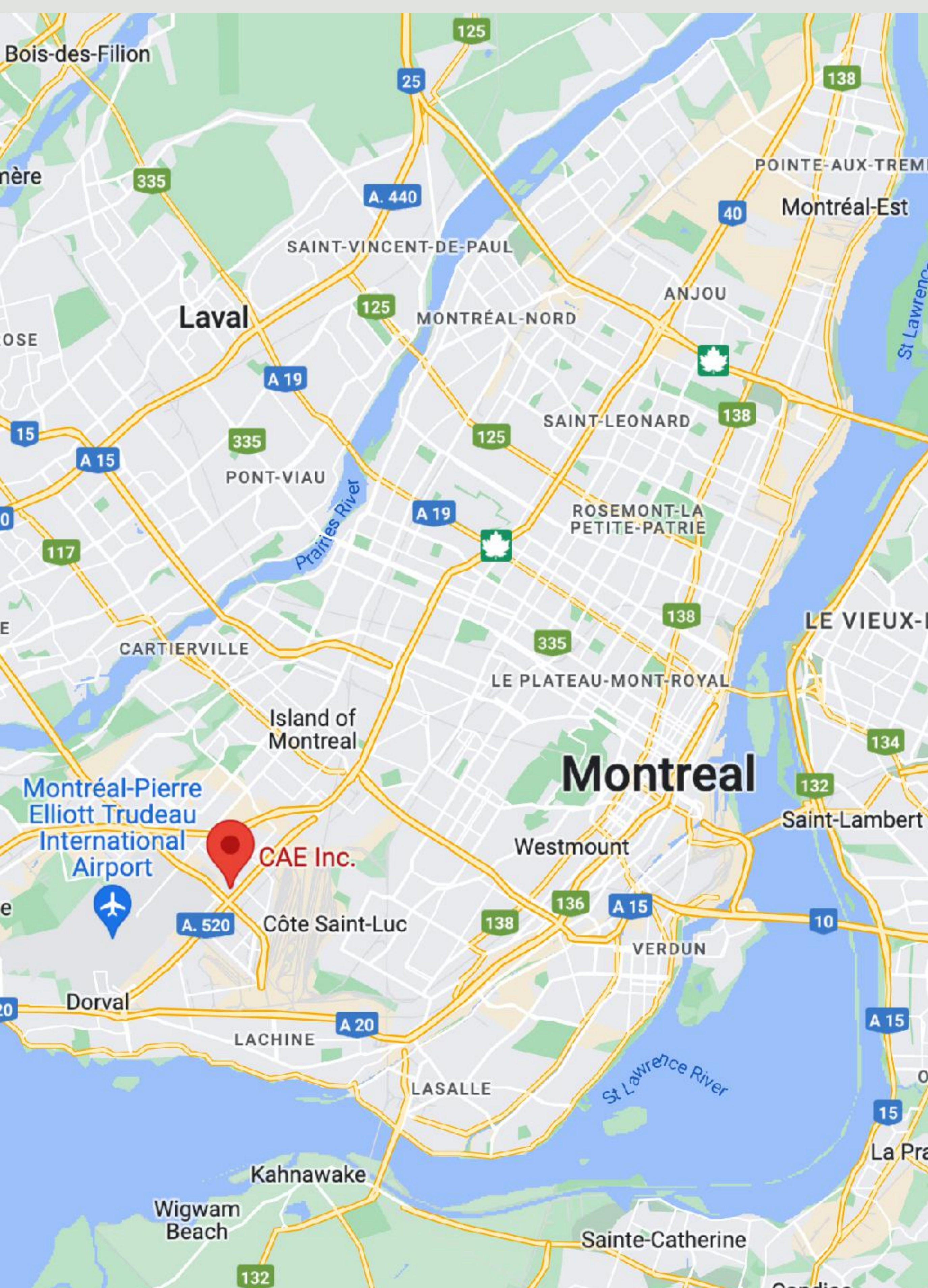
VIA Train services (www.viarail.ca/en)
Exo Train Services (www.exo.quebec/en)

Arriving by bus

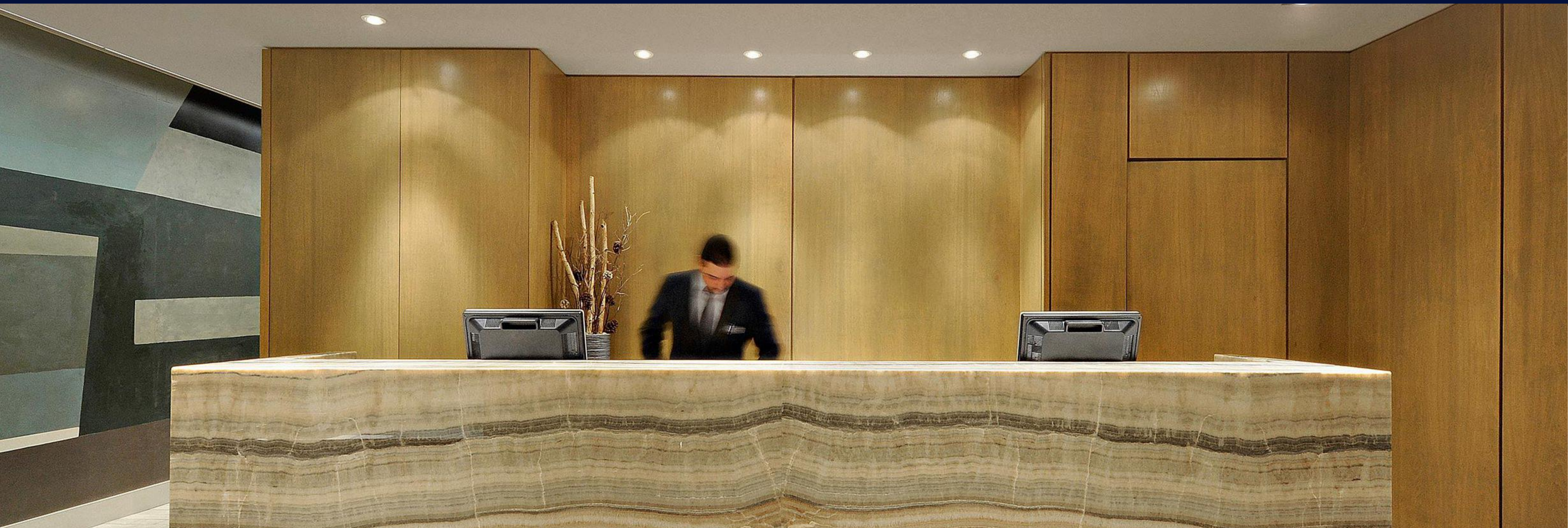
Bus lines 100 Crémazie and 202 Dawson stop at our door. STM Bus Services. www.stm.info/en

Hotel Shuttles

The hotels listed in this document provide shuttle services from the hotel to CAE facilities.



Hotel information



Hilton Garden Inn Montreal Airport

7880 Chemin de la Côte de Liesse
Montréal QC H4T 1E7

(514) 788-5120

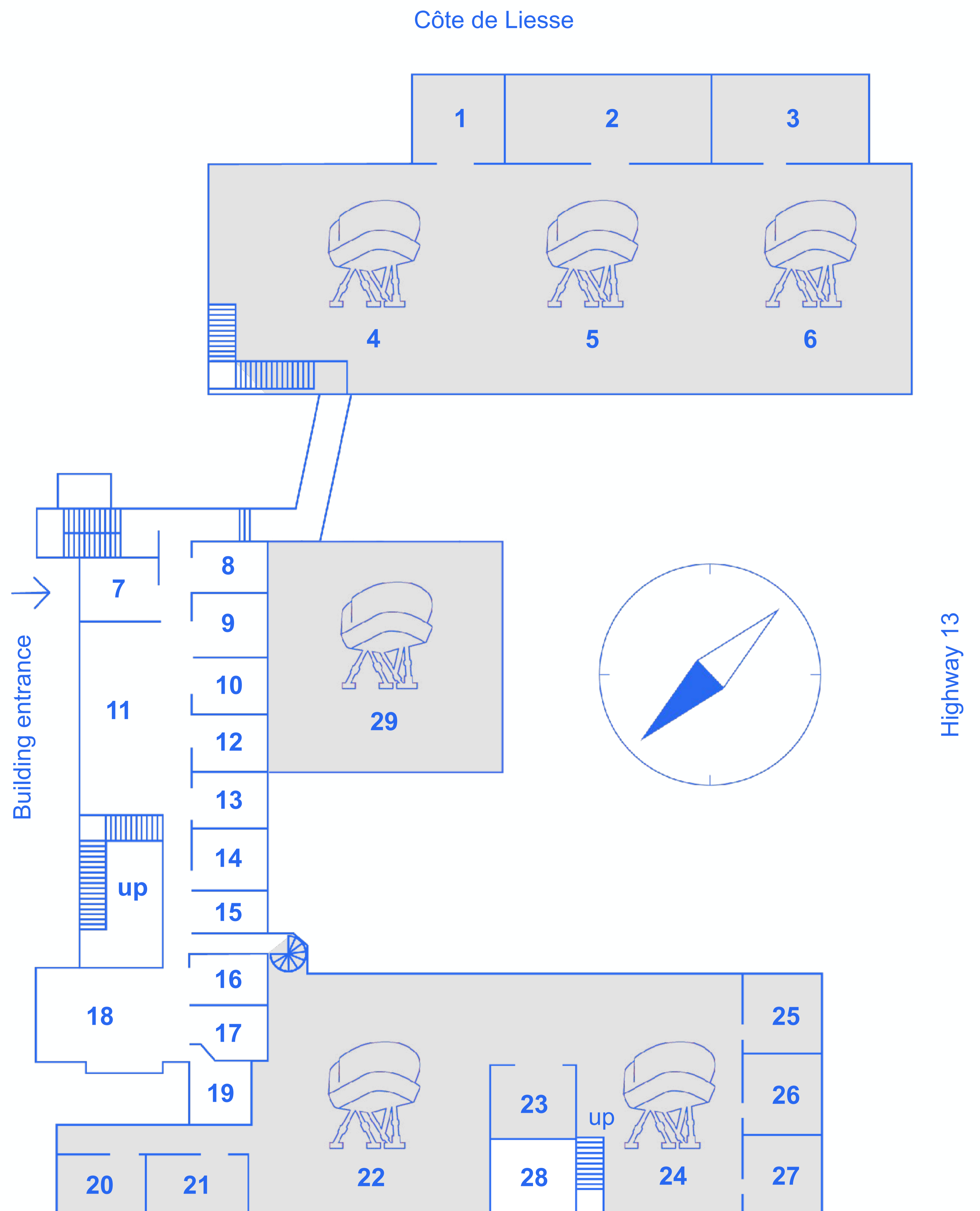
1-800-445-8667

hiltongardeninn.hilton.com

We value your feedback on our featured hotels – please let us know your comments. Contact the hotels to ask for CAE Training Centre preferential rates.

Layout of Centre

- Lower level
 - Upper level
- 1 Technical support
 - 2 Briefing Room A220
 - 3 Computer room
 - 4 ATR 42/72 FFS
 - 5 B737-8 MAX FFS
 - 6 A220 FFS
 - 7 Office
 - 8 Briefing room B737
 - 9 Briefing room B737
 - 10 Briefing room
 - 11 Reception lounge
 - 12 Briefing room ATR
 - 13 Kitchenette
 - 14 Restroom
 - 15 Briefing room IPT
 - 16 Office
 - 17 Office
 - 18 Conference room
 - 19 Business centre
 - 20 Briefing room A330
 - 21 Briefing room A330
 - 22 A330 FFS
 - 23 Technical Support (lower level)
 - 24 A320 CEO/NEO FFS
 - 25 Briefing room A320
 - 26 Briefing room A320
 - 27 Computer room
 - 28 A320/A330 IPT (upper level)
 - 29 Dash8 100/300 FFS



Centre Facilities

Reception & Registration

To access the training centre, please enter the CAE building through entrance #2. All visitors are required to check-in at the security desk. A visitor badge will be appointed to you, which will allow access to the training center and simulator bay area. Visitors staying in Montreal for an extended length of time will be issued a badge, which will be valid for the duration of their stay. Visitor badges must be returned at the end of the training session. Building Hours: the CAE Montreal Training Centre building is accessible 24 hours a day, 7 days a week, with the following exceptions – we are closed for training on the following days: New Years Day (1st of January) Christmas (25th of December).

Business Centre Facilities

The business centre offers clients access to a printer, fax, scanner, and computers. Access to the WiFi is made available throughout the training centre.

Communal & Rest Areas

The following amenities are available free of charge; gourmet coffee, a selection of reading material, flat screen LCD TV with satellite, kitchen appliances. There is also a vending machine where clients can purchase snacks.

Customer Services Assistance

Services are offered in both English and French.

Dining facilities onsite

Breakfast	05:45 - 09:30
Lunch	11:00 - 13:30
Afternoon Snack	13:30 - 14:00
Supper	14:00 - 19:00
Tim Hortons	Mon-Thu: 05:30 – 14:00 Friday: 05:30 – 11:00

Leisure Facilities

A fitness centre located next to CAE offers clients a range of gym workout equipment and fitness classes, tennis courts, squash courts and soccer fields.

Lockers & Personal Possessions

Lockers to store training materials are provided to all our clients. For items that do not fit into a standard locker, there is a storage closet located at the security desk where there is always a guard on duty, and clients are welcomed to leave any of their personal belongings under security's supervision.

Smoking Areas

All of CAE's facilities are designated smoke-free. Those who wish to smoke must do so outside. In accordance with Quebec laws, smoking is not permitted within 3 meters of all entrances and exits as indicated by the blue lines which surround these points of entry. All smoking therefore should be done outside of these lines.



Visa Invitation Letter Requests

Complete and submit an application for a work permit/ visa on the KPMG Law site by providing the information requested. Within 24 hours, an immigration counsellor will send you an email containing an analysis of your immigration needs, the process to be followed, and the related costs.

Prayer Room

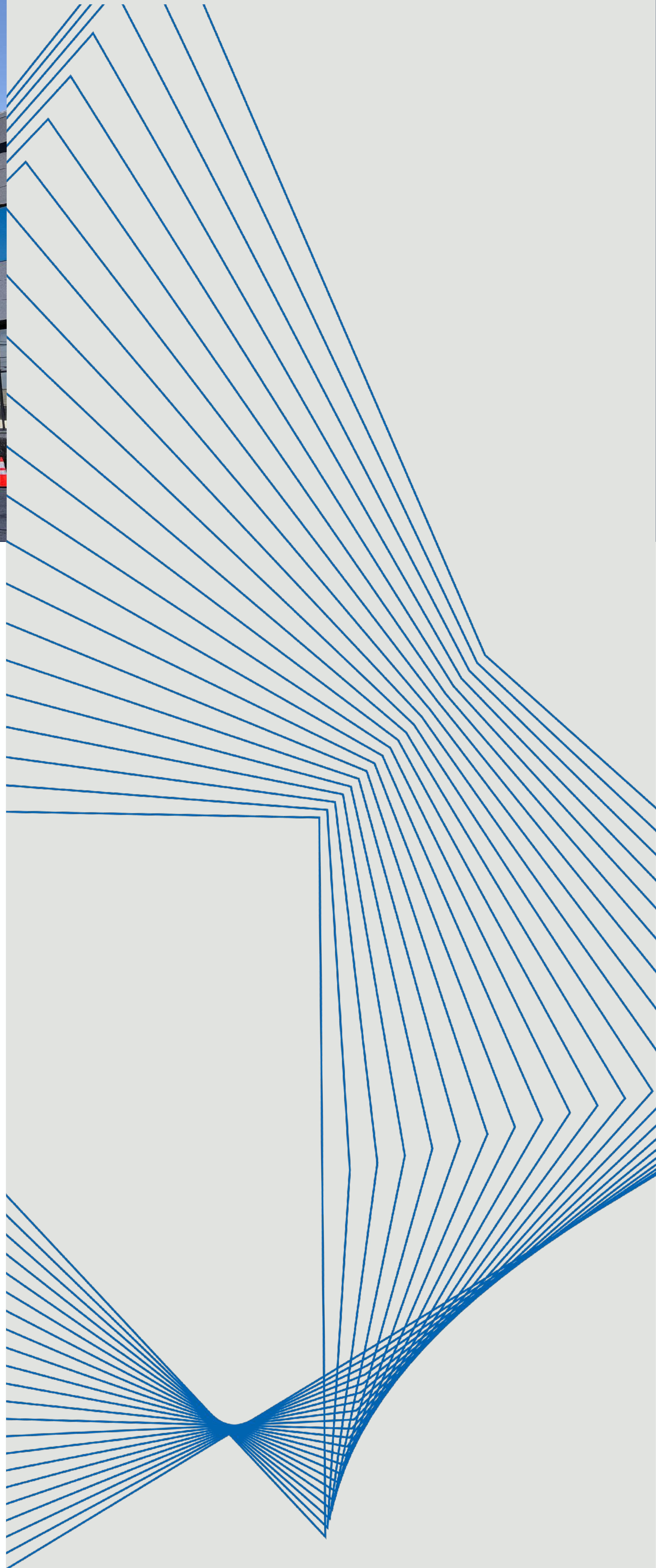
CAE's prayer room is available for use by both customers and employees. The prayer room is for all religious denominations, yet its design is to Muslim prayer room specifications – facing Kaaba, and with prayer carpets provided. It should be noted that shoes are prohibited inside the room.

Parking

All parking at CAE is free of charge. Convenient client parking located near entrance #2, and designated are spaces reserved for CAE Training Centre Clients.

Restroom Facilities

There are restroom facilities located on each floor within the training center.



Montreal Information



Climate

Montreal is situated close to the Atlantic Ocean where several distinct climatic sections merge, resulting in Montreal featuring a fairly variable climate and changeable weather throughout the year, season by season. Regarded as part of city life by locals, the weather in Montreal is typical of many Canadian cities, with hot summers and cold winters.

Currency & Banking

The Canadian currency system uses dollars (\$) and cents (¢) similar to the US, Australia and New Zealand. Clients can change money at any recognized financial institution, bank, trust company or currency exchange in Canada. Canadian currency is CAD.

Communications & Dialling Codes

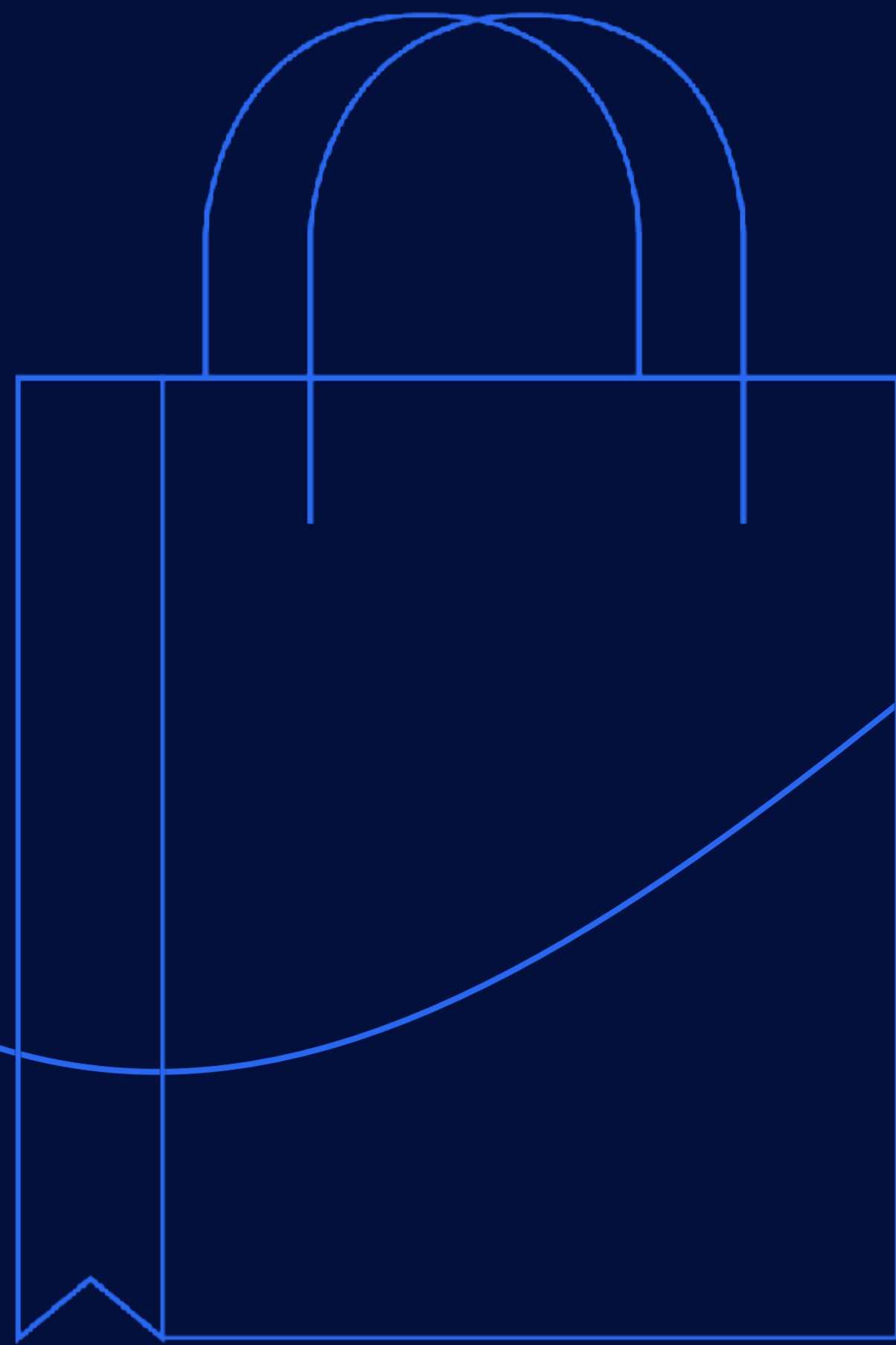
Telephone numbers are composed of a three digit area code followed by a seven digit local number (e.g., 555- 555-5555). Area codes for the greater Montreal area are; 514 and 438. To make an internal call within CAE you must dial a four digit extension. To make a local call you must dial; 9 + are code + local number. To make a 1-800 call you must dial; 9 + 1 +800 or 866 + the number.

Medical Care & Local Doctors

Hospital emergency rooms are open 24 hours for emergency care. Most cities also have walk-in clinics where non-emergency treatment or consultation is available without an appointment. Costs vary by clinic and medical attention required.

Electricity voltage & plug type

Canadian appliances operate on 110 volts (60Hz), which is identical to the US voltage. A universal adaptor is required for overseas electrical devices. Main wall sockets (or power outlets) and plugs for 110 volts are two parallel flat blades.



Shopping

Clients will enjoy convenient shopping hours across Montreal with many stores open from 9:00 or 10:00 to 18:00 seven days a week. City stores and suburban shopping centres are also open until 21:00 on several weeknights, particularly on Thursday and Friday. CAE is located a short distance from the Cote Vertu Shopping Center (www.placevertu.com) which boasts four anchor stores and some 135 shops and services.

PLACEVERTU

3131 de la Côte-Vertu Blvd
Saint-Laurent QC, Canada
H4R 1Y8

www.placevertu.com

Local Sports Facilities

The Centre Bell (www.centrebell.ca) or Bell Center in English, remains the centre stage for entertainment and business events in Montreal. The Centre Bell incorporates cutting-edge technology to ensure the perfect ambience when it comes to sound, comfort, catering and otherwise for any event, whatever its magnitude. Whether it's attending a Canadiens' game, a concert with a world famous artist or a family show, the Centre Bell is clearly at the top of anyone's venue list.



1909, Ave des Canadiens-de-Montréal,
Montréal, QC, Canada
H3C 5L2

www.centrebell.ca

List Embassies

www.embassypages.com/canada

Tourist Office Information

City of Montreal www.mtl.org
Province of Quebec www.bonjourquebec.com

Getting Around

Public Transit Systems	www.stm.info
Taxi Co-op	(514) 636-6666
Car Rental Alamo	(514) 633-1222
Avis	(514) 636-1902
Budget	1 800 363-8111
Enterprise	(514) 631 4545
Hertz	(514) 636-9530
National	(514) 636-9030
Thrifty	(514) 631-5567

Health and Safety



Regulations and Guidelines

All guests of the training center are asked to arrive 15 minutes prior to their scheduled reservations to register with the security desk located at entrance #2.

To ensure their safety, all guests must be seated and buckled using the seat belts.

For safety reasons, minors are only allowed on a simulator with motion OFF.

No video or photos are permitted inside the training center.

Food and beverage is prohibited inside the simulator.

CAE reserves the right to postpone any session to a later date.

The CAE employee operating the simulator shall ensure that all flight maneuvers guarantee the health and safety of guests.

Evacuation Procedure

Follow local procedures

Evacuate immediately using the nearest emergency exit.

Follow the instructions of the Emergency Evacuation Monitors.

Close doors as you leave the area.

Do not use elevators.

Meet outside the building at the designated assembly points. The Evacuation Monitors wearing bright orange construction hats will direct you to the appropriate location for your Evacuation Zone.

Do NOT return into the building until you have been informed it is safe to do so by the Emergency Evacuation Monitors or Security & Emergency Preparedness.

Useful Emergency Numbers

In case of an emergency:
dial 514-341-2000 ext: 6666

For immediate technical assistance, please contact technical support at (514) 378-8324 (24 hours a day, 7 days a week)

Alert the Security Department:
dial 514-341-2000 ext: 2177