



# Bombardier Dash 8-Q400 (FT54)

## Full-Flight Simulator

With our full-flight simulators we offer you a flight training that meets the latest technical standard and is tailor-made for the requirements of modern airlines. Naturally we adapt our simulators so that they reflect your fleet's systems environments and cockpit layouts as well as your airline's procedures. This enables you to orient your training to accord with your own line operations

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**Location** Lufthansa Aviation Training, Vienna (Simulator-ID: FT54)

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### Simulator

<b>Simulator Manufacturer</b>	CAE, Canada
<b>In Service Date</b>	September 2008
<b>Aircraft Model</b>	Dash 8-Q400
<b>Registration (Master Aircraft)</b>	OE-LGJ
<b>Product No.</b>	4104
<b>Simulator Host Computer</b>	COTS rack mounted PC's (Windows)
<b>Motion System</b>	Electro-mechanical motion system (EMM), 60 inch
<b>Control Loading</b>	digital, electric

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### Aircraft System

<b>Engine Version</b>	PW150A
<b>Propeller Version</b>	Dowty model R408 six-bladed, reversible pitch; composite

<b>Auto Flight System</b>	Universal UNS-1E
<b>HGS</b>	Rockwell Collins HGS-4100
<b>EGPWS</b>	Honeywell MK V
<b>TCAS II</b>	Honeywell TPU 67A

<b>Weather Radar</b>	Honeywell Primus 660
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## Visual

<b>Visual System Manufacturer</b>	CAE Electronics
<b>Type of Image Generator</b>	Tropos 6400 (1920x1080 pixel)
<b>Type of Display</b>	CAE Wide Mirror 180x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000 single
<b>Illumination Levels</b>	Day/Dusk/Dawn/Night
<b>Number of Airport Scenes</b>	28

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## Instructor Station

<b>Display</b>	2x15" LCD touch screens & 1x15" LCD HUD repeater mounted on IOS
<b>Printer/Plotter</b>	Monochrome Laser Printer
<b>Number of Malfunctions</b>	190
<b>Automated Training Lessons</b>	Available on request for Base Check, Conversion, LOFT, Refresher
<b>Landing Training</b>	Individual definition of a generic airfield (RWY Characteristics : Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights)
<b>Multiple Weather Simulation</b>	Available
<b>Unusual Attitude Recovery Training</b>	Available
<b>Predictive Windshear scenarios</b>	Various FAA windshear profiles available
<b>Non-Predictive Windshear scenarios</b>	Various windshear profiles for T/O and Landing available
<b>TCAS</b>	Various scenarios with individual definition of intruder trajectory available
<b>ATIS</b>	available
<b>FMS Flight Plan Copy/Load</b>	Copy of entered flight plans and manual load of predefined flight plans on request
<b>Display Options</b>	metric and/or imperial

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## Qualifications

<b>Austria Austro Control (ACG)</b>	JAA Level D, annually, according to JAR-STD 1A
<b>EASA-ID</b>	AT-1A-1042

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## Simulator Fleet

At our locations in Frankfurt/Main, Berlin, Bremen, Munich, Essen, Vienna and Zurich about 40 full flight simulators reproducing more than 20 aircraft types are at your disposal for cockpit crew training.

Klick here to find our full-flight simulator fleet: [Airbus](#), [Boeing](#), [Bombardier](#), [Embraer](#).

Klick here to find our [other training devices](#).