Full-Flight Simulator

BOMBARDIER DASH 8-Q400 (FT54)

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

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

AIRCRAFT SYSTEM	
Engine Version	PW150A
Propeller Version	Dowty model R408 six-bladed, reversible pitch; composite
Auto Flight System	Universal UNS-1E
HGS	Rockwell Collins HGS-4100
EGPWS	Honeywell MK V
TCAS II	Honeywell TPU 67A
Weather Radar	Honeywell Primus 660

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

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

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