▪▪▪▪ F L A M E ▪▪▪▪
A V I A T I O N

Cabin specifications	V7000 Brigade™ + V7000 Brigade™ VIEW (one cabin)
	• Size: (LxWxH): 9,0m x 2,4m x 2,6m (30ft x 8ft x 8.5ft)
	• Weight: 4,700 kg (11,000 lbs)
	• Power: 400V(380V)/32A
	V9000 Commander™ (XR) (two cabins)
	• Size: (LxWxH): 9,0m x 4,8m x 2,6m (30ft x 16ft x 8.5ft)
	• Weight: 4,700 kg + 2,600 kg (11,000 lbs + 6,000 lbs)
	• Power: 400V(380V)/32A
	Cabin insulation
	• Mineral wool (MW) (standard)
	o Polyurethane foam (PU) / Polyisocyanurate (PIR) (optional)
	Wall: MW 0.57 (W/m^{2}K), PIR 0.20 (W/m^{2}K)
	Roof: MW 0.36 (W/m^{2}K), PU 0.20 (W/m^{2}K)
	Floor: MW 0.55 (W/m^{2}K), PU 0.20 (W/m^{2}K)
Functionalities	• Laptop fire + smoke + glowing spot
	• Oven fire + smoke + functional master galley switch
	• Seat fire + smoke + short circuit effects
	• Luggage compartment fire + smoke
	• Lavatory waste bin fire + smoke + glowing spot + smoke indication light
	• Smartphone fire simulation
	• Tablet fire simulation
	o Under-seat fire simulation + smoke
	• Cabin smoke functionality
	• Manual coffee pot refilling unit
	o Automatic coffee pot refilling unit
	• Selectable fire training scenarios (manual/automatic)
	• Programmable lesson plans (8 lesson plans)
	• Adjustable interior lighting (0% - 100%)
	• Adjustable training exercise timing
	• Adjustable fire training difficulty (Level 1 – 5)
	• Adjustable fire re-light timers
	o Air conditioning outlet smoke functionality (optional)
	o Cabin panic sound (standard in XR-version)
	o Hot spots in lavatory door (standard in XR-version)
	o Hot spots in luggage bin (standard in XR-version)
	o Burning smell (standard in XR-version)
Equipment	• One 10.2" portable iPad Instructor Operating Station (IOS)
	• One 7" wall-mounted Instructor Operating Station (IOS)
	• ARS1200 Automatic fire extinguisher refilling system
	• Stainless steel red training fire extinguishers (three included)
	• On-board air compressor with automatic draining
	• On-board smoke generator unit
	• Water filter and decalcifier unit
	• Air conditioning provisions
	o Air conditioning unit

Safety systems	• Automatically regulated air extraction system • Automatic gas-leak test • Dräger gas detection system • Four infra-red gas detection transmitters • Five maintenance-free dry-burner units with pilot burner • Fire control sensors • Over-temperature control system • Airflow monitoring system • Emergency stop system • Evacuation and orientation lighting • Panic escape handles on all doors • Optical and acoustic alarm • Anti-slippery safety floor
System control functionalities	• Airflow fault indication • Smoke fluid low indication • Gas low indication • Gas empty indication • Pilot burner fault indication • Main burner fault indication • Water supply fault indication • Refilling station fault indication • Leak-test ok/fault indication • Decalcifier fault indication • Routine maintenance indication

• Standard
o Optional