

Door Trainer A350



Outside View



Flight Attendant Panel



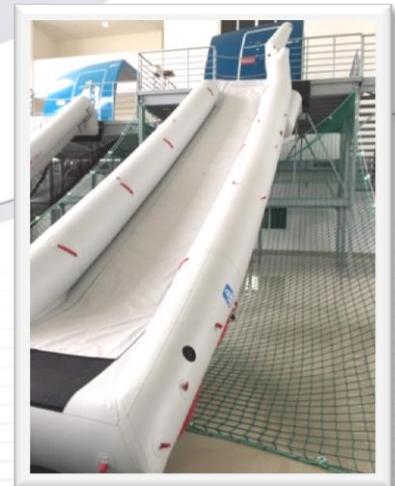
Display-based Passenger Sign (DbPS)



Inside View



Visual System



Training Slide Raft

Measurement/ Weights	
Length	3 600 – 4000 mm
Width	2 700 mm
Height	2 800 mm
Weight	1 700 kg
Electrical system	
Operating voltage	220 to 240 VAC
Frequency	50 to 60 Hz
Power rating	1,0 kVA
Current consumption	Max. 4,5 A
Fuse protection	16 A
Protection (control cabinet)	IP 56
Pneumatic system (compressed air supply)	
Pressure	Min. 6 bar/max. 11,5 bar
Ambient conditions	
Temperature transport/storage	-10°C to 45°C
Temperature operation	15°C to 35°C
Humidity	< 70%
Noise emission	< 70 dB (A)



Instructor Operator Station

RST ROSTOCK SYSTEM-TECHNIK

Partner of the Aerospace Industry

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Door Trainer Functions and Malfunctions		
Page	Denomination	Function
Functions	CABIN LIGHTS	Switching on/off cabin light
	EXIT SIGNS	Switching on/off exit signs
	EVAC SET	Setting/resetting cabin evacuation command
	CABIN PRESSURE	Setting/resetting cabin pressure warning light
	HANDLE BLOCK	Blocking/unblocking door handle → Handle cannot be moved
	DOOR BLOCK	Blocking/unblocking door → Door can be lifted by moving door handle upwards but cannot be opened
	PNEU ASSIST FAILURE	No assistance by pneumatic door cylinder when opening the door → No automatic emergency opening of the door in ARMED mode → Low pressure indication on pressure gauge for emergency opening cylinder (no influence in DISARMED mode because door has to be opened manually) will be automatically set when any level of "Door Jamming" page is selected
	AUTOMATIC INFLATION FAILURE	When in ARMED mode there is no automatic inflation of the slide → No inflation sound → inflation has to be started manually by pulling the handle on the ground (no influence in DISARMED mode)
	MANUAL INFLATION FAILURE	When in ARMED mode there is no inflation of the slide even by pulling the handle on the ground → Low pressure
	OUTSIDE OPENING	When in ARMED mode door can be opened from outside
Door Jamming	LEVEL 1	Door jam = low "Pneu Assist Failure" is set
	LEVEL 2	Door jam = medium "Pneu Assist Failure" is set
	LEVEL 3	Door jam = high "Pneu Assist Failure" is set
Status	DIFFERENT VARIABLES OF CONTROL SYSTEM	Displaying different states of the PLC-program

Contact: **Renate Plath**
 RST Rostock System-Technik GmbH
 Friedrich-Barnewitz-Straße 9
 18119 Rostock, Germany

T +49 (0)381 56 556
 F +49 (0)381 56 202
 W www.rst-rostock.de
 E r.plath@rst-rostock.de