



MD-11/MD-10 FLEET OPERATIONS

Standards and Training

Door Trainer Operation

Feb 5, 2013

Door Trainer Operation

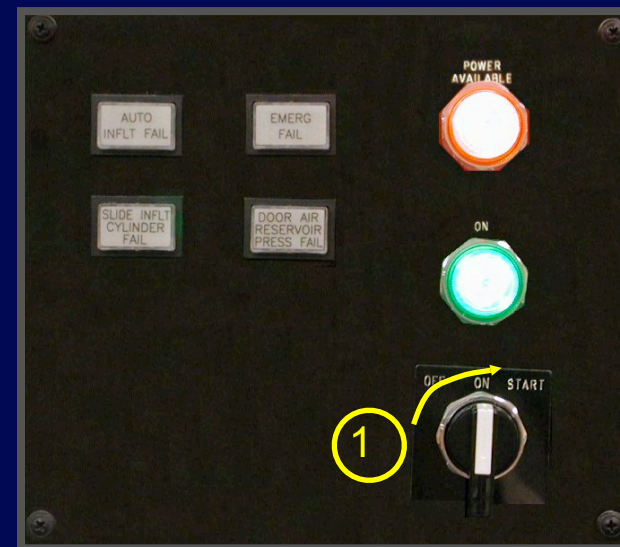
Procedures:

1. To Turn Trainer ON

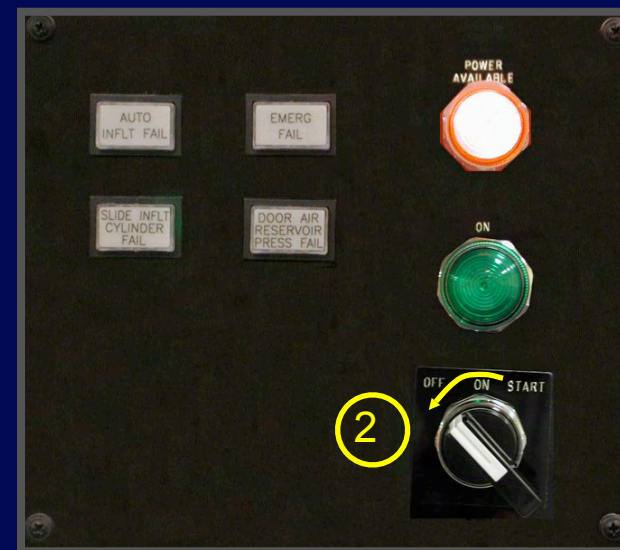
- Move Power switch (1) to **START** and release (switch will spring back to **ON**).

2. To Turn Trainer OFF

- Move Power switch (2) to **OFF**



Door Simulation Panel



Cabin Door Operation

3 ways that flight crew can open cabin doors while inside the aircraft:

- Electrically
- Pneumatically
- Manually



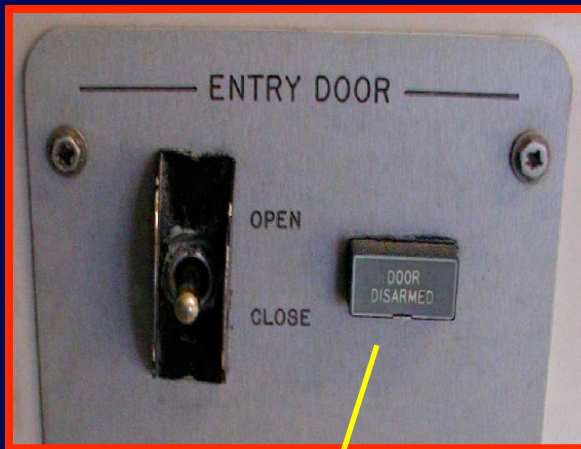
Cabin Doors: Electrical Operation



Electrical Door Control Switch:

- Normal means of door operation.
- Located next to each main cabin door.
- Switch operates door when slide/raft is *disarmed*.

Slide/Raft Armed



Light Extinguished

Slide/Raft Disarmed



Light Illuminated



Cabin Door 1L

Pneumatic Door Operation

To open cabin door without deploying evacuation slide/raft:



1. Pull slide arming handle aft.



2. Pull slide arming handle aft more.



3. While holding Slide Arming handle in the aft position – pull Emergency Door Control Handle aft and upward. (Red Handle)

Reset Lever

To Reset Door Emergency Control Handle:

1. Rotate Reset Lever upward.
2. Return Door Emergency Control Handle to neutral position (this takes *considerable* force).



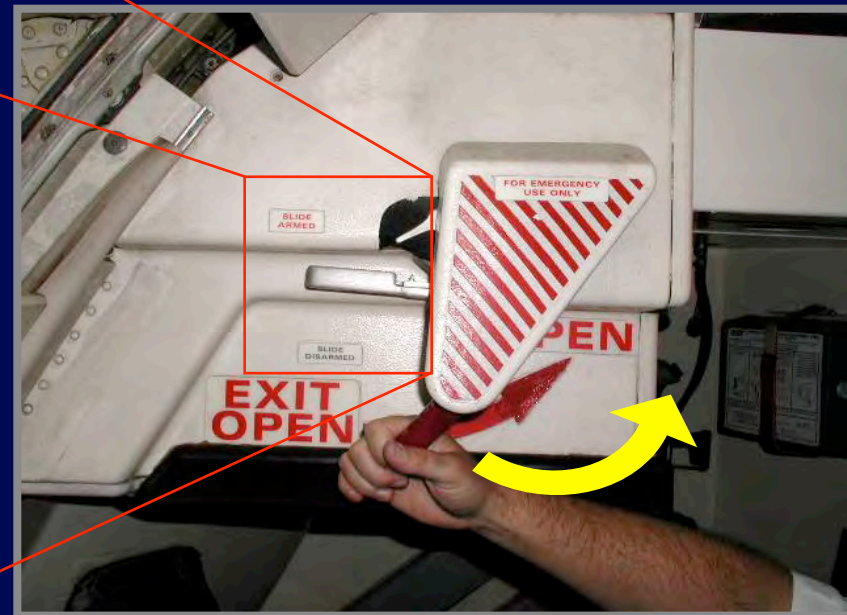
Evacuation Slide/Raft Deployment



To deploy an Evacuation Slide/Raft:

1. With the Slide Arming Handle in the “Slide Armed” position, pull Door Emergency Control Handle to the Open position.

Slide Arming Handle in “SLIDE ARMED”



Malfunction Buttons



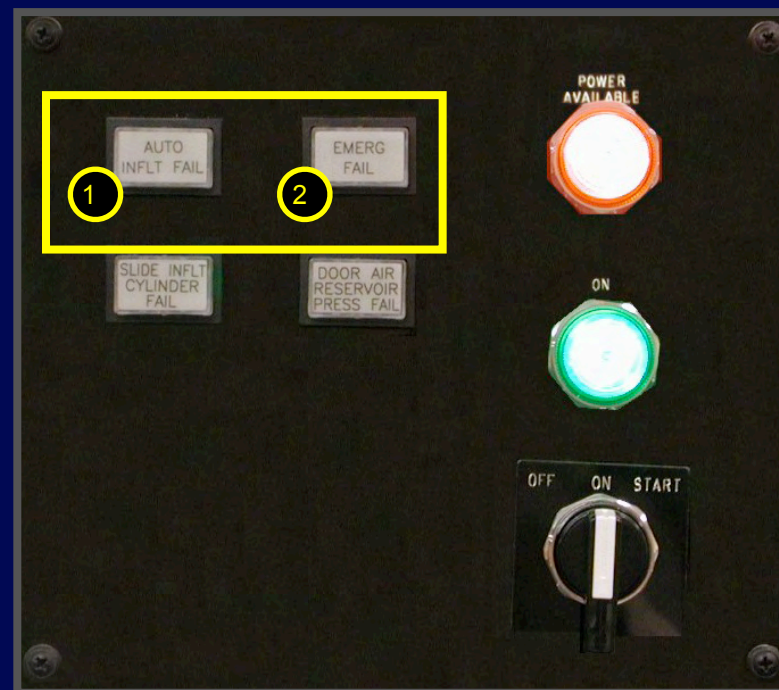
Malfunctions Buttons:

1. AUTO INFLT FAIL

- **Slide Failure** – Slide will not deploy when door is opened (sound won't work).
- *Slide* must be deployed using manual procedures.

2. EMERG FAIL

- **Door** will not open when you blow it.
- *Door* must be opened using manual procedures.



Simulation Control panel

Malfunction Buttons



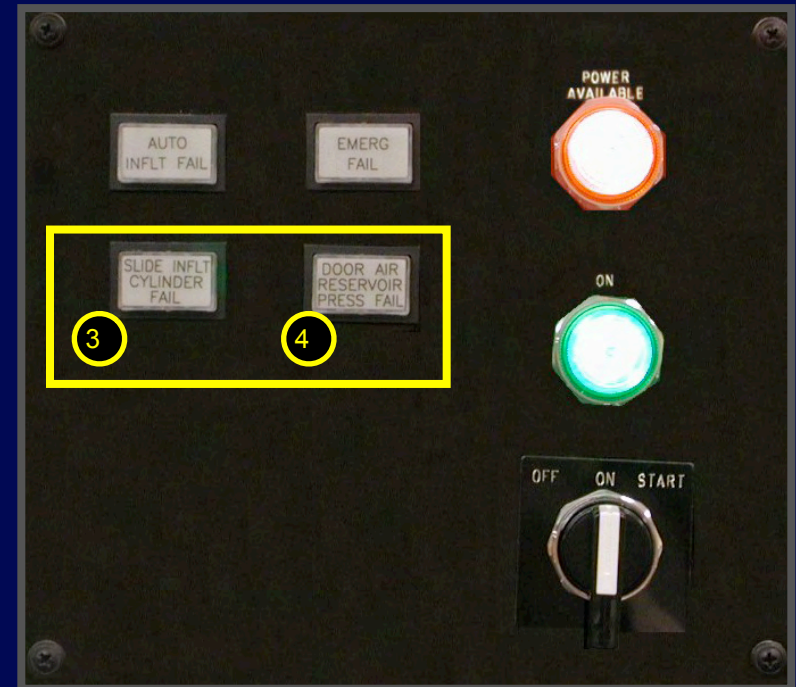
Malfunctions Buttons:

3. SLIDE INFLT CYLINDER FAIL

- Light on door comes on.
- Inflation Bottle is low.

4. DOOR AIR RESERVIOR PRESS FAIL

- Gauge in ceiling goes low pressure.
- Also give **EMERG FAIL** light.
- Must open door manually.



Simulation Control panel

Manual Door Operation

Manual Door Opening Procedure:

1. Press **EMERG FAIL**
2. Arm the Slide
3. Try to open door using Emergency Door handle
4. Grab manual lift bar and raise bar until slide inflation sound starts (requires 2 people)



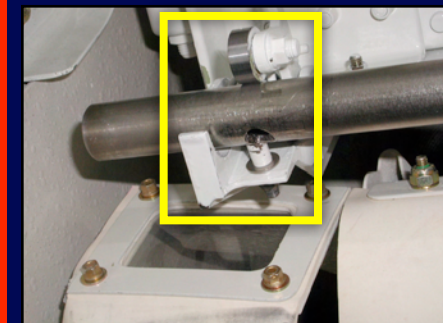
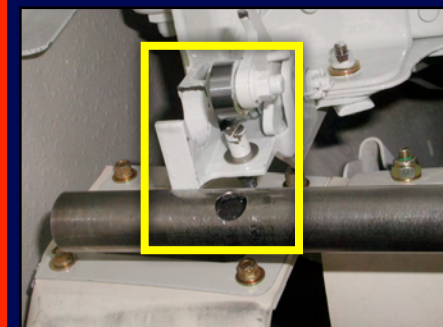
Note: To reset, press **EMERG FAIL** button, door will open automatically from this point.

Girt Bar Operation (1 of 2)

Girt Bar usage:

1. To demo use of the girt bar the bar must be manually installed in the bottom of the door.

- Make sure the girt bar alignment hole is seated in the pin.



Girt Bar installation in the bottom of the Cabin Door

Girt Bar Operation (2 of 2)



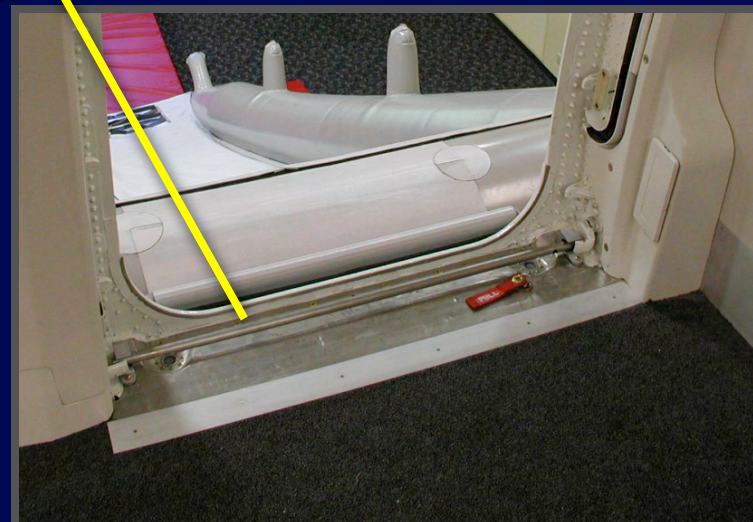
Girt Bar usage (cont):

3. With the slide armed the Girt bar will be removed when the door is opened.
4. The slide must be dearmed to remove the bar from the floor.
5. Replace the bar in the bottom of the door before turning trainer off.



Girt Bar "removed"

Girt
Bar



Girt Bar "in place"

Additional Door Training Options



Outside Controls:

The Door Trainer has functional outside controls.

These can be pointed out during a demonstration, however, they should not be used as they are very difficult to get to.



External Door Controls

