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CRASH-FIRE-RESCUE MANUAL

To: Distribution

Subject: Dash 8 Series 400, Crash-Fire-Rescue Manual, PSM 1-84-14

This is Revision 3 of the Dash 8 Series 400, Crash-Fire-Rescue Manual, PSM 1-84-14, dated Nov 05/2014.

We are providing you with the entire manual as the majority of the pages were revised. Please remove the last issue of this manual from the binder and replace it with the contents of this package.

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PSM 1-84-14

BOMBARDIER INC.

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Revision No.	Issue Date	Date Inserted	Inserted By
Initial Issue	Dec 22/1998	Dec 22/1998	BCSG
1	Jun 19/2000	Jun 19/2000	BCSG
2	Mar 18, 2005	Mar 18, 2005	BCSG
3	Nov 05/2014	Nov 04/2014	BCSG





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CRASH-FIRE-RESCUE MANUAL

EFFECTIVE TEMPORARY REVISIONS

List of Temporary Revisions effective in your Manual at Revision 3 dated Nov 05/2014.

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LIST OF EFFECTIVE PAGES

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Chapter 00	Nov 05/2014

The asterisk (*) indicates pages revised, added or deleted by current revision.

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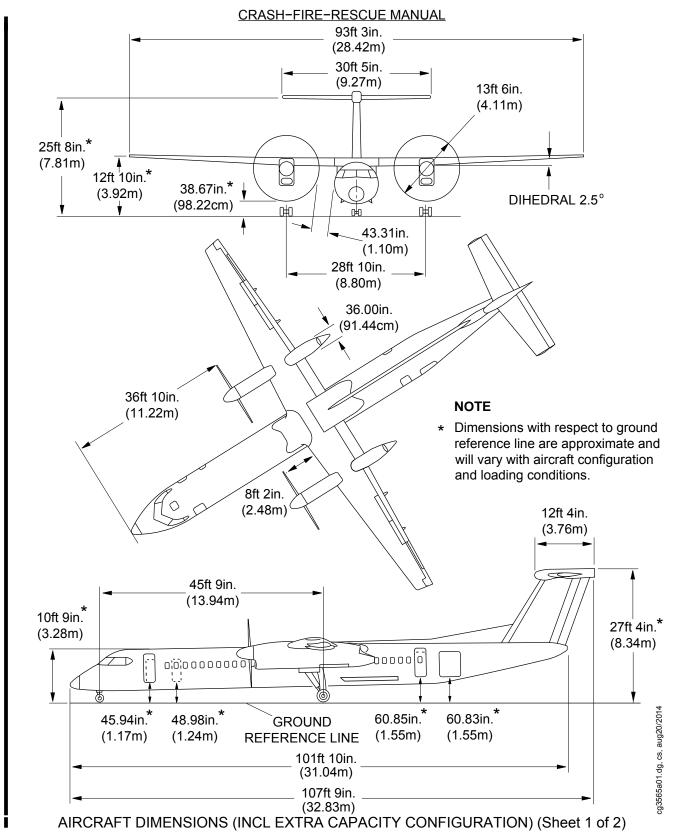


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Model 400





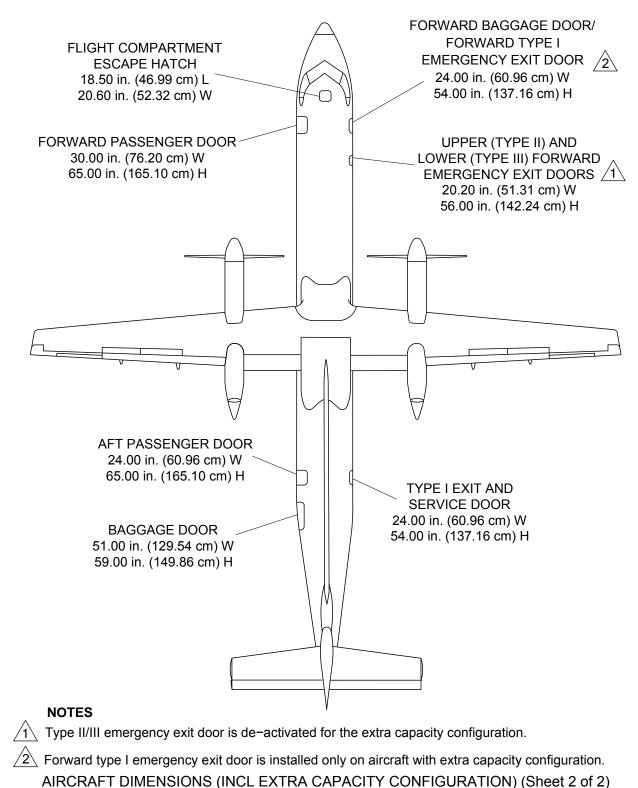


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■ Mar 18/2005



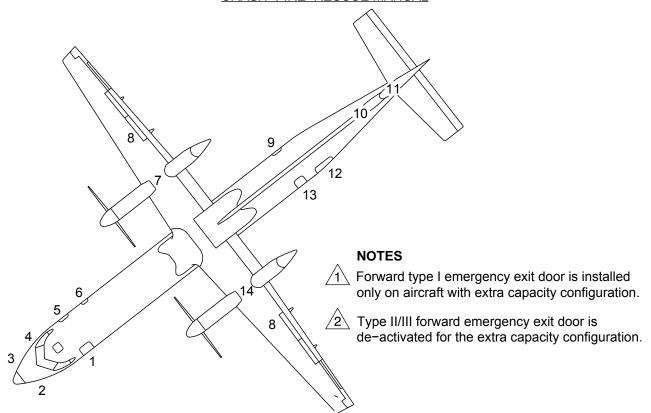


Model 400









EXTERIOR WALK AROUND SEQUENCE (FOR CREW TRAINING PURPOSES)

- 1. Airstair door location and demo of external opening sequence.
- 2. Nose fuselage access door batteries and contactor box locations.
- 3. Crew oxygen bottle.
- 4. Nose landing gear location and description, auxiliary hydraulic reservoir and hydraulic lines location and description.
- 5. Forward baggage door location and demo of external opening sequence, fire bottle location /forward type I emergency exit location and demo of external opening sequence.
- 6. Type II/III emergency exit door location and demo of external opening sequence. 2
- 7. No. 2 nacelle main landing gear location and description, hydraulic reservoir and hydraulic lines location and description, fire bottle locations.
- 8. Fuel tanks location and description.
- 9. Service door location and demo of external opening sequence.
- 10. Aft equipment bay access door–opening sequence, flight data recorder and cockpit voice recorder locations.
- 11. Auxiliary power unit (APU) bay access door APU location and description.
- 12. Aft baggage door location and demo of external opening sequence, fire bottle locations.
- 13. Aft passenger door location and demos of external opening sequence, optional folding stairs (if equipped).
- 14. No. 1 nacelle main landing gear location and description, hydraulic reservoir and hydraulic lines location and description, fire bottle locations.

EXTERIOR WALK-AROUND





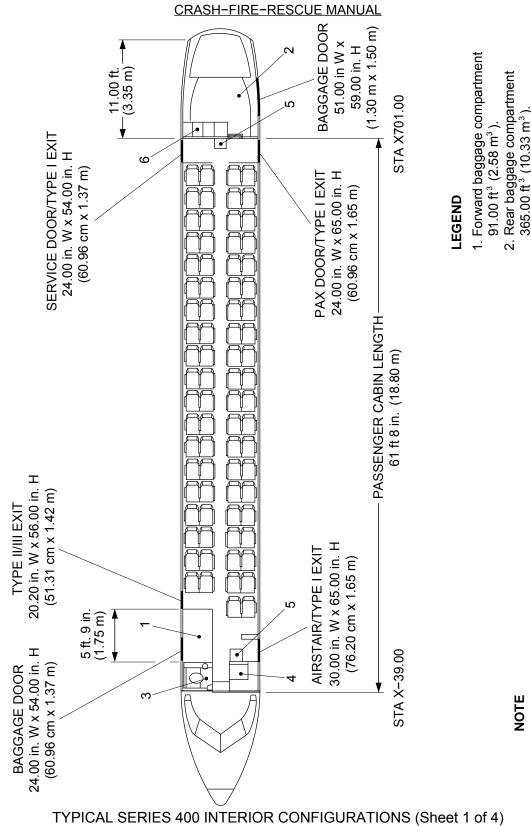


Figure 00 - 3

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5. Flight attendant. 6. Galley.

Galley.

4. Wardrobe. 3. Lavatory.

-ayout may vary with optional

configurations.

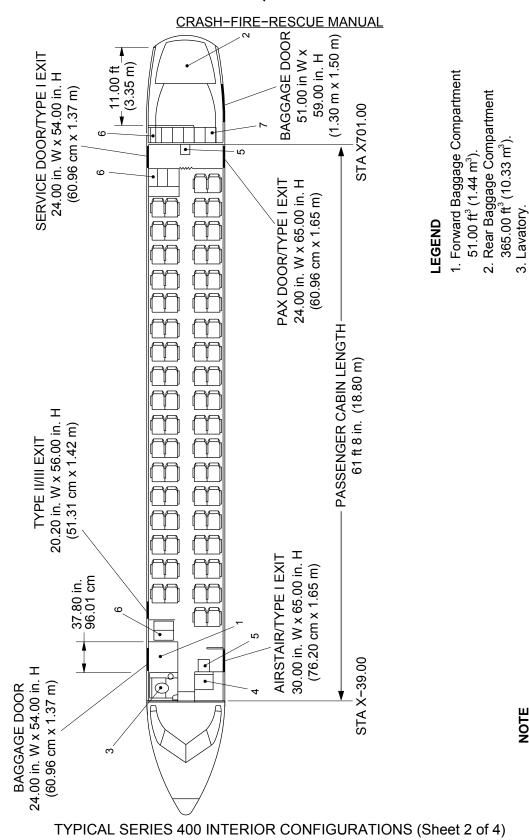




5. Flight Attendant Seat.

4. Wardrobe.

Galley.Cart Storage.



brt70a02.dg, pt/kmw, aug08/2008

Layout may vary with optional

configurations.





CRASH-FIRE-RESCUE MANUAL BAGGAGE DOOR $(1.30 \text{ m} \times 1.50 \text{ m})$ 51.00 in W x 59.00 in. H 1. Forward baggage compartment 11.00 ft. (3.35 m) 2. Rear baggage compartment $354.00 \text{ ft}^3 (10.0 \text{ m}^3) \text{ approx}.$ STA X701.00 SERVICE DOOR/TYPE I EXIT 24.00 in. W x 54.00 in. H 91.00 ft³ (2.58 m³) (60.96 cm x 1.37 m) 24.00 in. W x 65.00 in. H PAX DOOR/TYPE I EXIT (60.96 cm x 1.65 m) Lavatory. ß LEGEND PASSENGER CABIN LENGTH 61 ft 8 in. (18.80 m) 20.20 in. W x 56.00 in. H (51.31 cm x 1.42 m) TYPE II/III EXIT 30.00 in. W x 65.00 in. H AIRSTAIR/TYPE I EXIT (76.20 cm x 1.65 m) 5 ft. 9 in. (1.75 m) 9 24.00 in. W x 54.00 in. H STA X-39.00 (60.96 cm x 1.37 m) BAGGAGE DOOR က NOTE

TYPICAL SERIES 400 INTERIOR CONFIGURATIONS (Sheet 3 of 4)

Figure 00 - 3

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-ayout may vary with optional

configurations.

8. Folding stairs (optional).

6. Beverage cart stowage.

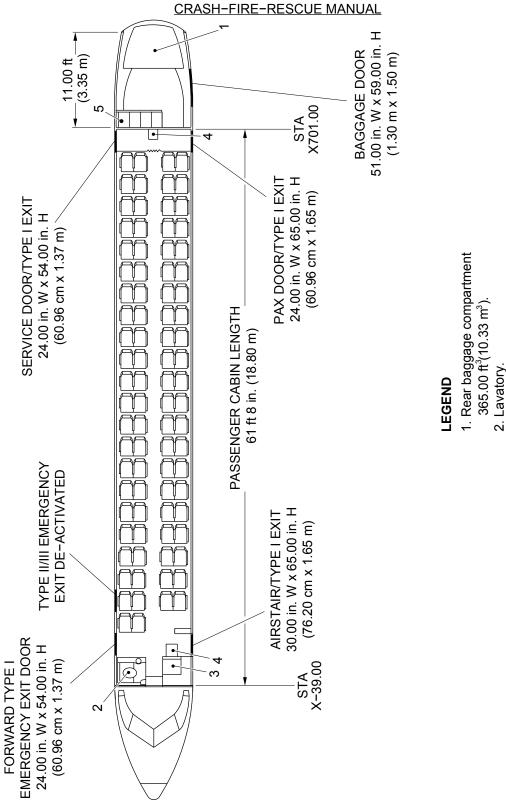
7. Galley.

Flight attendant.

4. Wardrobe.







- 3. Wardrobe.
- 4. Flight attendant Seat.
 - . Galley.

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Layout may vary with optional configurations.

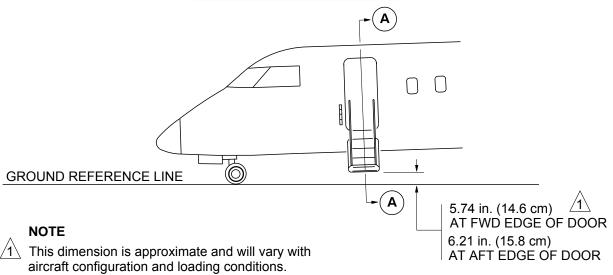
NOTE

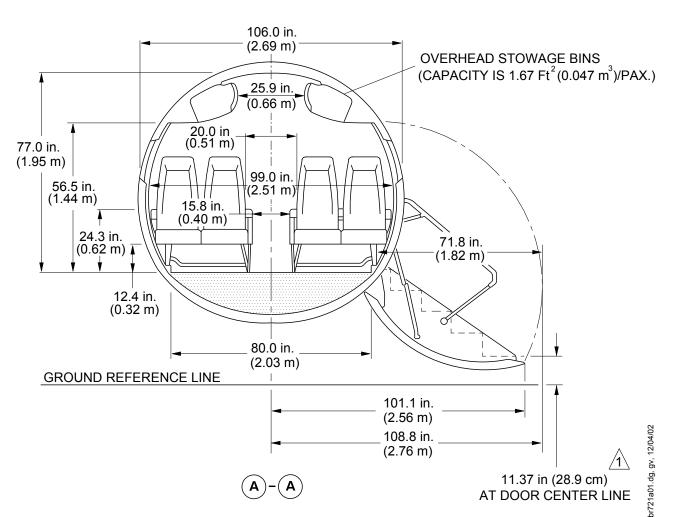
Figure 00 - 3

TYPICAL SERIES 400 INTERIOR CONFIGURATIONS (Sheet 4 of 4)









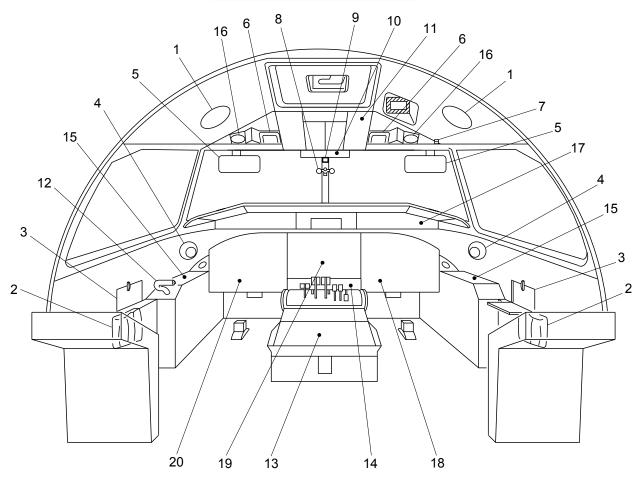
PASSENGER COMPARTMENT CROSS SECTION

Figure 00 - 4

Model 400







LEGEND

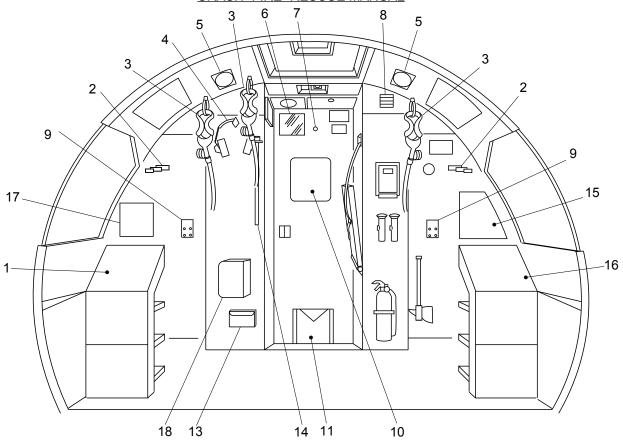
- 1. Overhead speakers.
- 2. Stowage pockets.
- 3. Map tables.
- 4. Gaspers.
- 5. Sun visors.
- 6. Hand holds.
- 7. Compass calibration card.
- 8. Eye level indicator.
- 9. Standby compass.
- 10. Caution/Warning lights panel.

- 11. Overhead panel.
- 12. Nosewheel steering hand control.
- 13. Center console (aft).
- 14. Center console (fwd).
- 15. Side console (pilot & copilot).
- 16. Utility lights.
- 17. Glareshield panel.
- 18. Copilot's instrument panel.
- 19. Engine instrument panel.
- 20. Pilot's instrument panel.

TYPICAL FLIGHT COMPARTMENT ARRANGEMENT (LOOKING FORWARD)







LEGEND

- 1. Right DC circuit breaker panel.
- 2. Circuit breaker panel lights.
- 3. Oxygen masks (Pilot's and Copilot's).
- 4. Observers headset stowage.
- 5. Dome lights.
- 6. Mirror.
- 7. Viewer.

Model 400

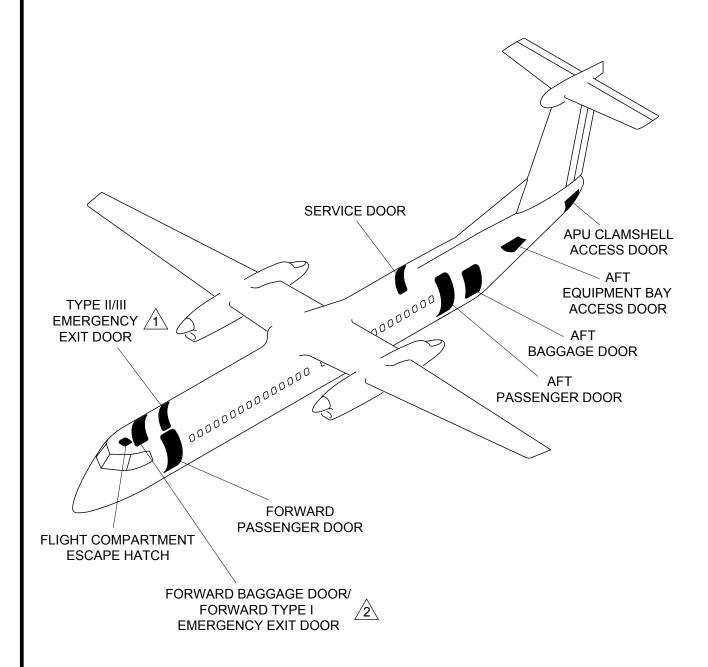
- 8. Avionics bay air vent.
- 9. Headset jacks.

- 10. Observer's seat backrest.
- 11. Weight and balance papers.
- 12. C of A and C of R holders.
- 13. Observer's smoke goggles.
- 14. Landing gear emergency extension handpump handle.
- 15. Avionics circuit breaker panel.
- 16. Left DC circuit breaker panel.
- 17. Variable frequency AC circuit breaker panel.
- 18. Crew PBE.

TYPICAL FLIGHT COMPARTMENT ARRANGEMENT (LOOKING AFT)







NOTES

1 Type II/III emergency exit door is de-activated for the extra capacity configuration.

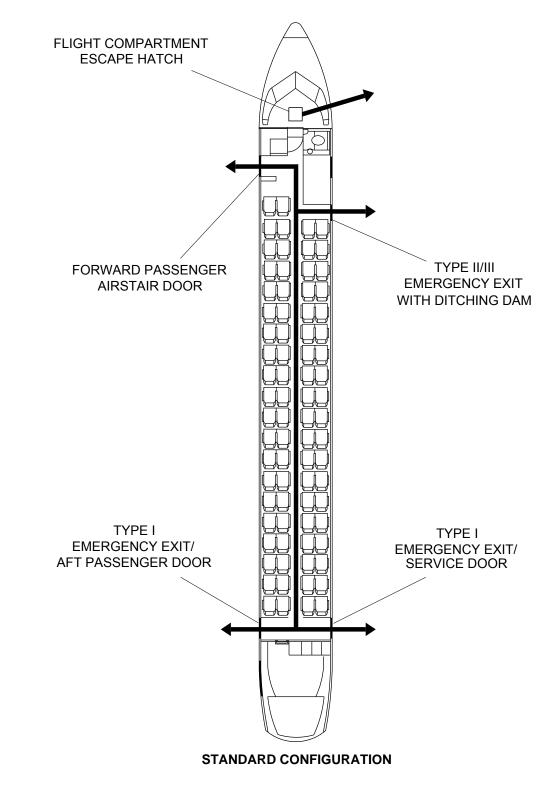
2 Forward type I emergency exit door is installed only on aircraft with extra capacity configuration.

AIRCRAFT DOORS AND GROUND SERVICE PANELS (INCL EXTRA CAPACITY CONFIGURATION)

Figure 00 - 7





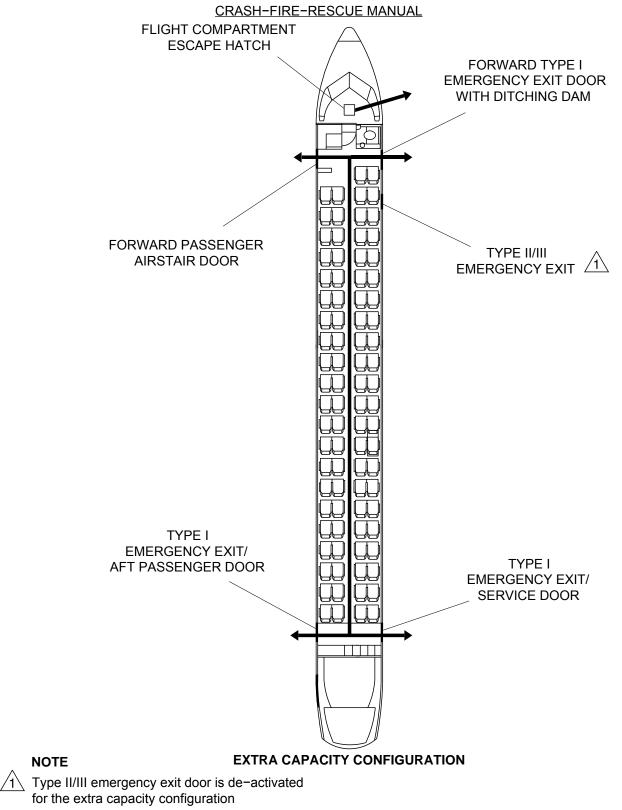


EVACUATION ROUTES (Sheet 1 of 2)

Figure 00 - 8







EVACUATION ROUTES (Sheet 2 of 2)

Figure 00 - 8

■ Nov 05/2014





Passenger and Crew Escape Systems

A. General

- 1. There are five emergency exits on the aircraft.
 - a. A flight compartment emergency escape hatch for the flight crew. This is installed in the flight compartment roof. The hatch is operated by an internal handle.
 - b. The forward passenger door is an airstair type door. This is installed on the forward left side of the fuselage. The forward passenger door is operated by internal or external handles.
 - c. The forward Type I emergency exit door which is a translating type door. This is installed on the forward right side of the fuselage for the extra capacity configuration. It consists of an upper and a lower door. The lower door can be kept closed by a internal locking handle in the event of a ditching procedure. This emergency exit can be operated by internal or external handles.
 - <u>NOTE</u>: The forward Type I emergency door is installed in lieu of forward baggage door for the extra capacity configuration.
 - d. A type II/III emergency exit door is installed on the forward right side of the fuselage. It consists of an upper and a lower door. The lower door can be kept closed in the event of a ditching procedure. This emergency exit can be operated by internal or external handles.
 - NOTE: The type II/III emergency exit is de-activated for the extra capacity configuration.
 - e. The aft passenger door which is a translating type door is installed on the aft left side of the fuselage. This can be operated by internal or external handles.
 - f. The aft service door which is also a translating type door is installed on the aft right side of the fuselage. This can be operated by internal or external handles.
- B. Forward Passenger Door Operation
 - 1. Stay on the left side of the door.
 - 2. Push in the flap at the top of the door operating handle. Pull the door operating handle down quickly and fully.
 - NOTE: This will unlock the door and move it up a small distance and out.
 - 3. Hold the door and lower it to the open position.
 - NOTE: You can use the door lowering assist to help you to do this.
 - 4. Push down on the struts of the handrail to lock the door in the open position.
- C. Aft Passenger Door Operation
 - NOTE: The door will come out 16 inch (40 cm) before it swings to the left. Make sure the ladder or platform is placed more than this distance.





- 1. Push in the flaps at the top of the handle with your fingers.
- 2. Pull the door operating handle out.
 - NOTE: This will unlock the handle and open the vent door
- 3. Turn the door operating handle 90° counterclockwise.
- NOTE: This will unlock the door and move it up and out a small distance.
 - 4. Use the handle to pull and move the door fully to the left to engage the gust lock.
 - NOTE: This will lock the door in the open position.
 - NOTE: Optional folding stairs may be installed. The stairs slide forward from their enclosure (located in the aft baggage bulkhead, just inboard of the aft passenger door threshold) and are unfolded and extended by hand. The folding stairs are intended for use in normal ramp operations only.
- D. Forward Type I Emergency Exit Door Operation
 - NOTE: The forward Type I emergency exit door is installed in lieu of forward baggage door on aircraft with the extra capacity configuration.
 - NOTE: The Forward Type I Emergency Exit Door consists of an upper and a lower door. The lower door is kept closed by a internal locking handle in the event of a ditching procedure.
 - NOTE: The door will come out 16 inch (40 cm) before it swings to the right. Make sure the ladder or platform is placed more than this distance.
 - 1. Push in the flaps at the top of the handle with your fingers.
 - 2. Pull the door operating handle out.
 - NOTE: This will unlock the handle and open the vent door.
 - 3. Turn the door operating handle 90° clockwise.
 - NOTE: This will unlock the door and move it up and out a small distance.
 - 4. Use the handle to pull and move the door fully to the right to engage the gust lock.
 - NOTE: This will lock the door in the open position.
 - E. Type II/III Emergency Exit Door Operation
 - NOTE: The Type II/III emergency exit door is de-activated on aircraft with the extra capacity configuration.
- NOTE: The weight of the door is 29 lb (13.15 kg)
 - 1. Operate the pushbutton on the handle to release it.
 - 2. Turn the handle counterclockwise to the open marking.
- NOTE: This will unlock the door and move it in.





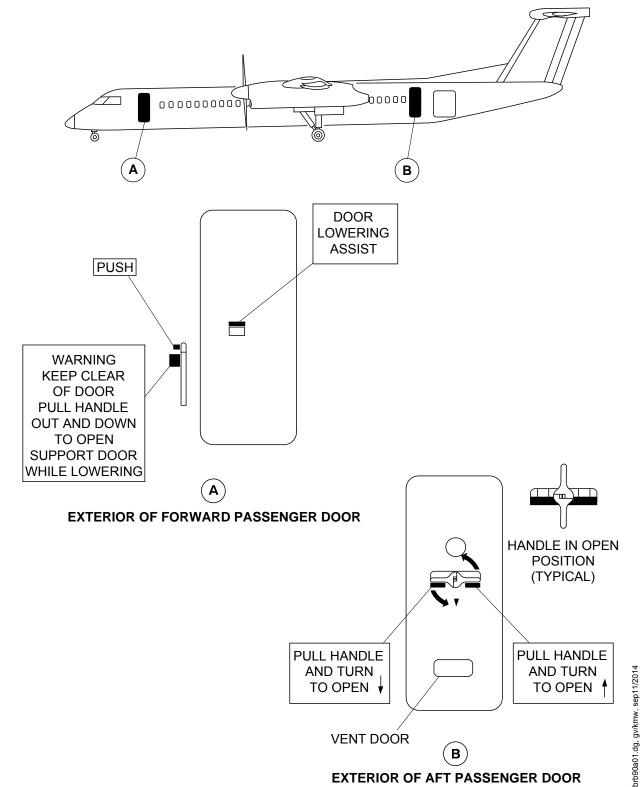
3. Push the door in.

NOTE: With the ditching dam handle in the LAND position, the lower door will fall open. With the ditching dam handle in the SEA position, the lower door will stay closed.

- F. Service Door Operation
 - NOTE: The door will come out 16 inch (40 cm) before it swings to the right. Make sure the ladder or platform is placed more than this distance.
 - 1. Push in the flaps at the top of the handle with your fingers.
 - 2. Pull the door operating handle out.
 - NOTE: This will unlock the handle and open the vent door.
 - 3. Turn the door operating handle 90° clockwise.
 - NOTE: This will unlock the door and move it up and out a small distance.
 - 4. Use the handle to pull and move the door fully to the right to engage the gust lock.
 - NOTE: This will lock the door in the open position.







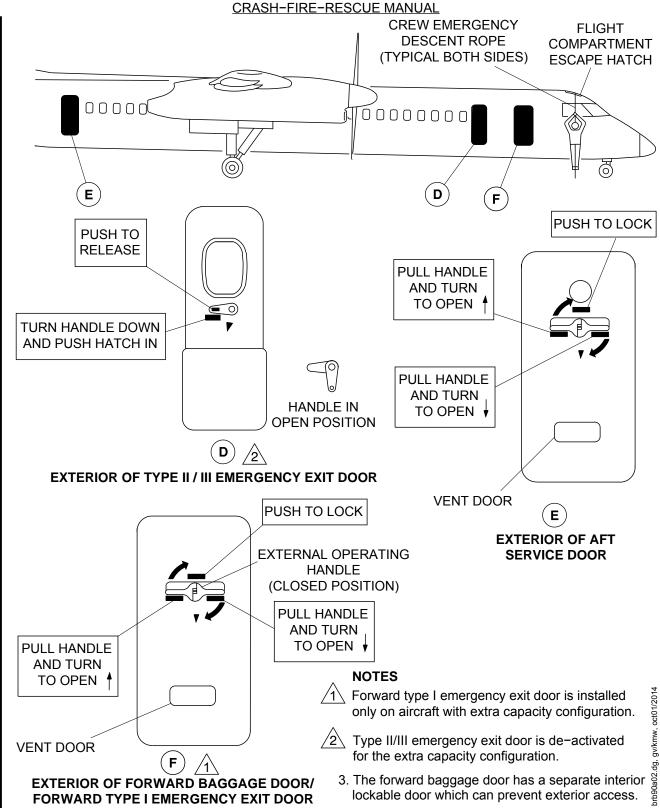
PASSENGER AND CREW ESCAPE SYSTEMS (Sheet 1 of 2)

Figure 00 - 9

Model 400







PASSENGER AND CREW ESCAPE SYSTEMS (Sheet 2 of 2)

Figure 00 - 9



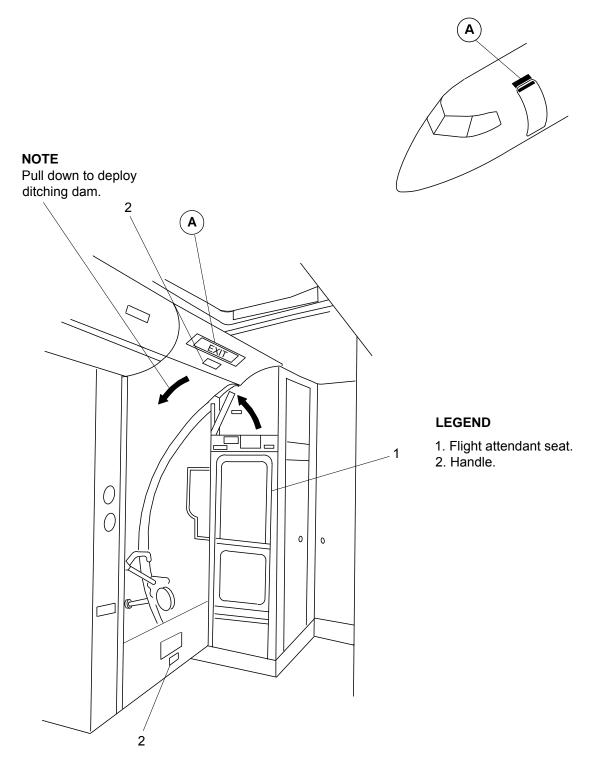


Forward Passenger Door-Ditching Dam Operation

- A. Deploy the ditching dam as follows:
 - 1. Pull the ditching dam down by its handle until it is at chest level.
 - 2. Put your hand on the top surface of the ditching dam and push it down to the floor.
 - NOTE: With the ditching dam correctly deployed, it will be inclined slightly outboard.
 - 3. Open the forward passenger door for evacuation.







FORWARD PASSENGER DOOR - DITCHING DAM OPERATION

Figure 00 - 10

■ Nov 05/2014





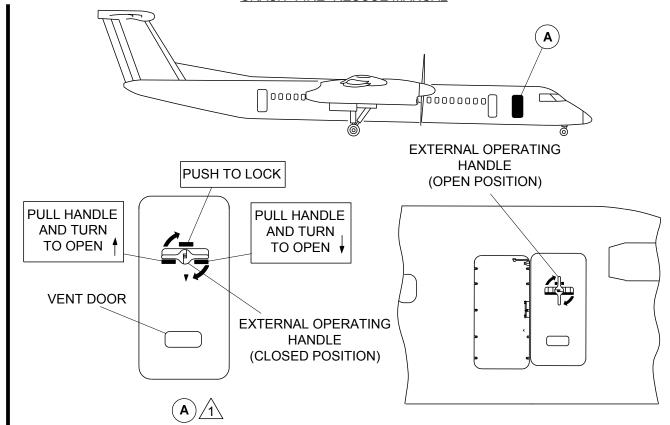
I Forward Baggage Door Operation/Forward Type I Emergency Exit Door

- A. Forward Baggage Door Operation
 - NOTE: The forward baggage compartment is removed and forward Type I emergency exit door is installed in lieu of forward baggage door for the extra capacity configuration.
 - NOTE: Do not attempt to enter the passenger cabin from the forward baggage compartment (i.e. through the interior compartment door). Access may be restricted by optional galley stowage equipment and/or baggage and there is no handle on the baggage—compartment side of the door.
 - NOTE: The door will come out 16 inch (40 cm) before it swings to the right. Make sure the ladder or platform is placed more than this distance.
 - 1. Push in the flaps at the top of the handle with your fingers.
 - 2. Pull the door operating handle out.
 - NOTE: This will unlock the handle and open the vent door.
 - 3. Turn the door operating handle 90° clockwise.
 - NOTE: This will unlock the door and move it up and out a small distance.
 - 4. Use the handle to pull and move the door fully to the right to engage the gust lock.

NOTE: This will lock the door in the open position.

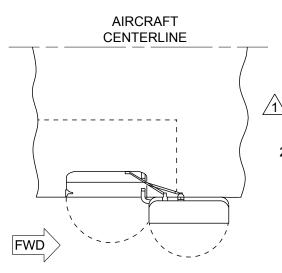






EXTERIOR OF FORWARD BAGGAGE DOOR/ FORWARD TYPE I EMERGENCY EXIT DOOR

VIEW LOOKING INBOARD ON R/H SIDE



NOTES

Forward type I emergency exit door is installed only on aircraft with extra capacity configuration.

2. The forward baggage door has a separate interior lockable door which can prevent exterior access.

VIEW LOOKING DOWN ON R/H SIDE FORWARD BAGGAGE DOOR/ FORWARD TYPE I EMERGENCY EXIT DOOR (OPEN POSITION)

FORWARD BAGGAGE DOOR/ FORWARD TYPE I EMERGENCY EXIT DOOR OPERATION

Figure 00 - 11

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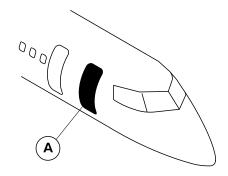


Forward RH Type I Emergency Exit Door-Ditching Dam Operation

- A. Deploy the ditching dam as follows:
 - 1. Turn the ditching dam handle clockwise from the horizontal position.
 - NOTE: This will extend the lock pins to engage the ditching dam to the surround structure and disengage from the emergency exit door.
 - 2. Open the forward Type I emergency exit door for the evacuation.

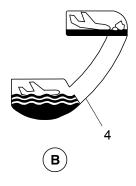


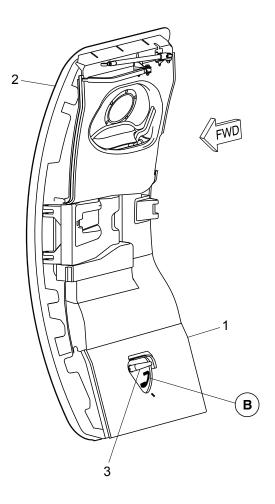




LEGEND

- 1. Ditching dam.
- 2. Type I emergency exit door.
- 3. Ditching dam handle.
- 4. Label, ditching dam operation.





(A)
VIEW LOOKING OUTBOARD

FORWARD TYPE I EMERGENCY EXIT DOOR - DITCHING DAM OPERATION





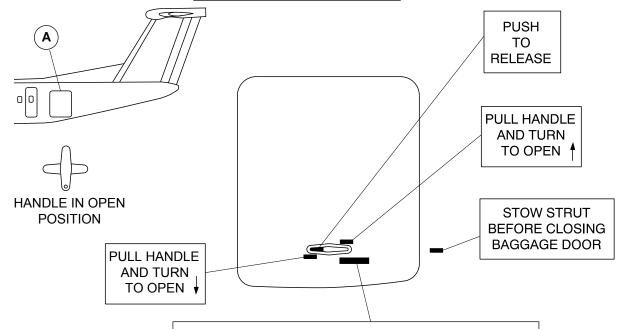
Aft Baggage Door Operation

A. Aft Baggage Door Operation

- 1. Push the pushbutton on the door operating handle to release the handle from the recess.
- 2. Turn the handle 90° counterclockwise.
 - NOTE: This will unlock the door and move it in.
- 3. Lift the door up a sufficient distance that you can get access to the telescopic strut. Remove the telescopic strut from the stowed position.
 - NOTE: Make sure you do this before you open the door fully or it will be too high to close easily.
- 4. Continue to lift the door until it is fully open.
- 5. Attach the telescopic strut to the receptacle on the lower left side of the door opening. This will give more support to the door.







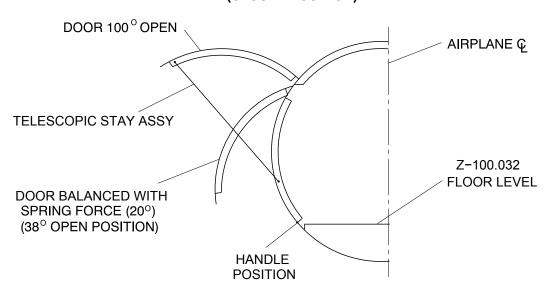
INSTRUCTIONS FOR CLOSING AND LOCKING DOOR:

- 1. STOW DOOR STRUT AND LOWER DOOR TO CONTACT AIRCAFT STRUCTURE.
- 2. ROTATE HANDLE CLOCKWISE WHILE PUSHING DOOR INWARDS.
- 3. PUSH HANDLE AT CENTRE UNTIL LATCHED AND FLUSH WITH DOOR SURFACE.

ENSURE "PUSH TO RELEASE" BUTTON IS FLUSH WITH HANDLE



EXTERIOR OF AFT BAGGAGE COMPARTMENT DOOR (CLOSED POSITION)



SIDE VIEW OF DOOR IN OPEN POSITION

AFT BAGGAGE COMPARTMENT DOOR - LOCATION AND OPERATION

Figure 00 - 13

■ Nov 05/2014





Flight Compartment Escape Hatch

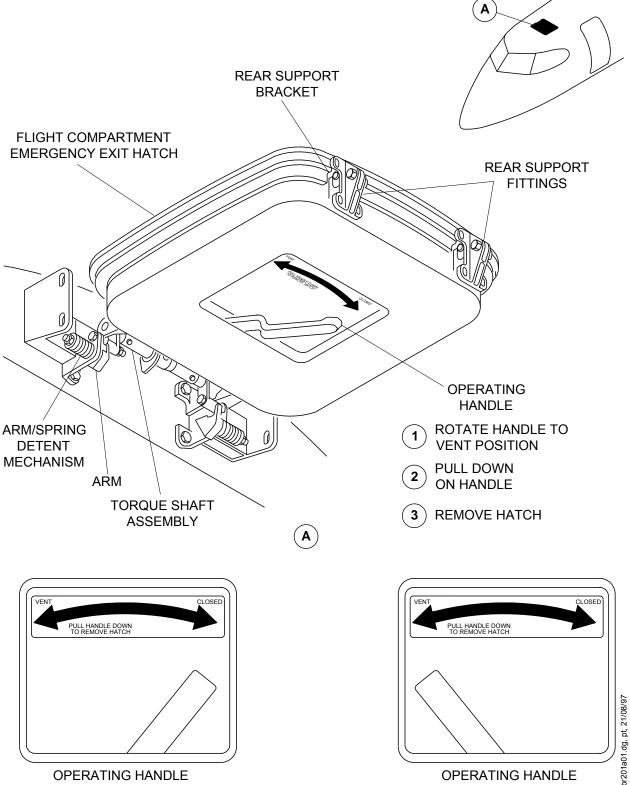
NOTE: In an emergency, you can try to get access by cutting through the outer skin to move the operating handle from the outside. Then push the hatch down.

WARNING: HOLD THE ESCAPE HATCH DURING THE PROCEDURE. IF YOU DO NOT DO THIS, THE ESCAPE HATCH CAN FALL AND CAUSE INJURIES TO PERSONS AND DAMAGE TO THE EQUIPMENT.

- A. Open the flight compartment escape hatch as follows:
 - 1. Turn the handle 72 degrees counterclockwise. The escape hatch opens approximately 1 in. at the front.
 - 2. Pull the door down with 40 lb of force to release the rollers from the lock mechanism.







FLIGHT COMPARTMENT ESCAPE HATCH

Figure 00 - 14

OPERATING HANDLE

OPERATING HANDLE





Fortified Flight Compartment Door Operation

- A. Opening Flight Compartment Door from Flight Compartment Side
 - 1. Pull slide latch to the right and push flight compartment door open.
 - 2. If engaged, rotate deadbolt handle 90 degrees clockwise to the unlatched position (two red dots on dead bolt plate behind knob will become visible).
- B. Opening Flight Compartment Door from Cabin Side
 - 1. Emergency Access

In an emergency, use a pry bar. Work the pry bar into the door jam at the slide latch and deadbolt location until the door frame distorts sufficiently to allow the flight compartment door to open.

2. Optional Entry

NOTE: U.S. registered aircraft do not have Remote Access System.

Press the Remote Access System Flight Attendant Access Switchlight on the wardrobe maintenance panel. A white light will illuminate on the switch. The flight compartment door will automatically open after a timed delay of 40 seconds if there is no response by the flight crew. An amber light will illuminate on the Flight Attendant Access Switchlight indicating that the flight compartment door is unlatched.

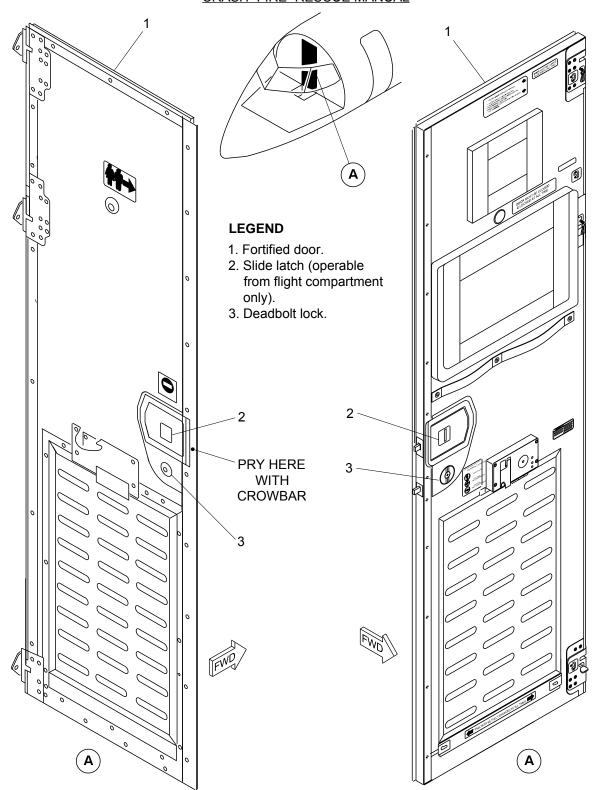
The Remote Access System can be disabled by removing electrical power from the aircraft (i.e. disconnect batteries and ground power). Door latch solenoid will deenergize and door will open.

NOTE: The Fortified Flight Compartment Door will not open if the deadbolt lock is engaged.

NOTE: The key access feature for the deadbolt lock will be disabled if both arms of the rotary knob on the flight compartment side are set to the latched position .





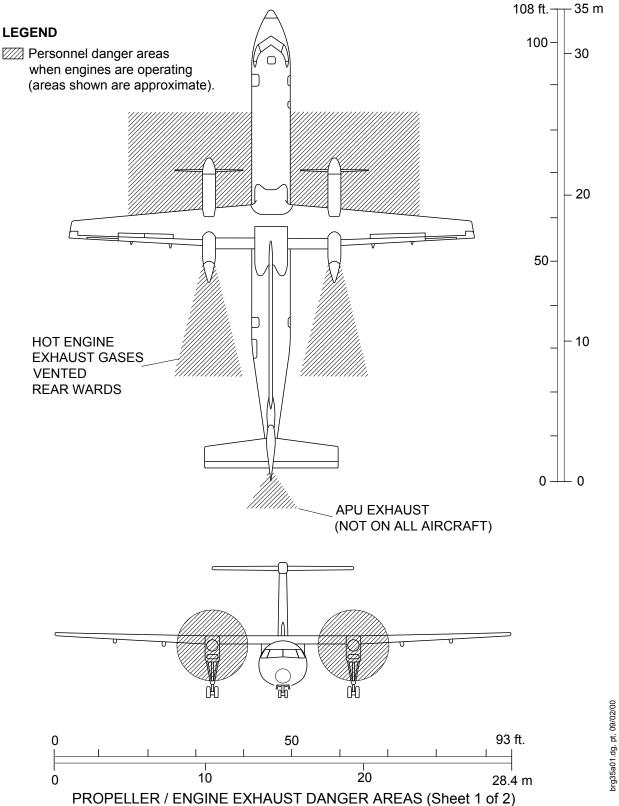


FORTIFIED FLIGHT COMPARTMENT DOOR DETAIL

Figure 00 - 15



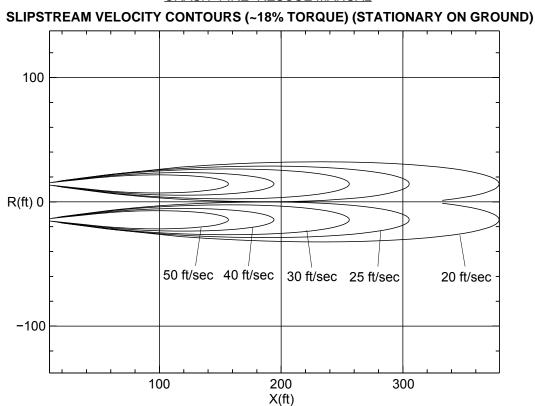




Model 400







SLIPSTREAM VELOCITY CONTOURS (~43% TORQUE) (STATIONARY ON GROUND)

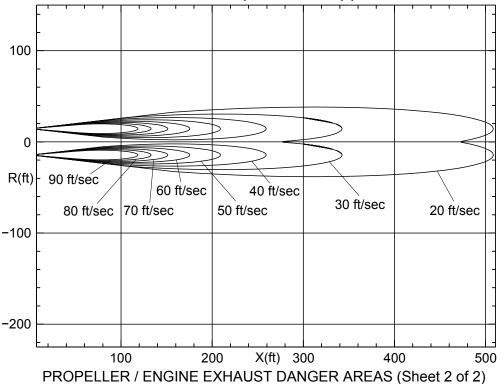


Figure 00 - 16





RECOMMENDED **CUT-THROUGH**

AREA DIMENSIONS 45.0 x 20.0 in. (1143 x 508 mm)

INTERIOR CONSTRUCTION -STRINGERS RUN ABOVE AND BELOW WINDOWS -SKIN THICKNESS .006 in. (1.50 mm)

SIDE WINDOW (NON-OPENING)

WINDSHIELD

NOTES

The third window fwd of the aft passenger doors are the recommended first choice cut-through areas. (Although any window is suitable in extreme circumstances).

"Cut-through" areas require portable metal cutting equipment. It is recommended that major effort to gain access be directed to doors and hatches due to the type of structure and possible injury to personnel within.

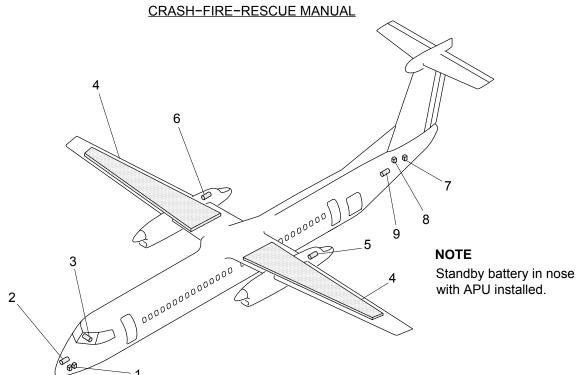
2. Cut-through areas shown in red on Rescue Chart may appear as other colours on the aircraft.

CUT-THROUGH AREAS

Figure 00 - 17

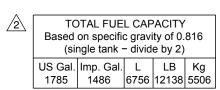






ITEM No.	ITEM NAME	ITEM LOCATION	ACCESS PANEL/DOOR	
1	Main Battery and Auxiliary Battery	Nose lower compartment-left side	113AL	
2	Crew Oxygen Cylinder	Nose lower compartment-right side	112AR	1
3	Crew PBE	Flight compartment, behind co-pilot's seat		
4	Fuel Tank	Integral		2
5	No. 1 Hydraulic Reservoir	Left nacelle	413CR	3
6	No. 2 Hydraulic Reservoir	Right nacelle	423CR	3
7	Cockpit Voice Recorder and Flight Data Recorder	Aft fuselage	311AB	
8	Standby Battery	Aft fuselage	311AB	
9	No. 3 Hydraulic Reservoir	Aft fuselage	311AB	3

NOTES 1 39.8 Cu Ft A.T.



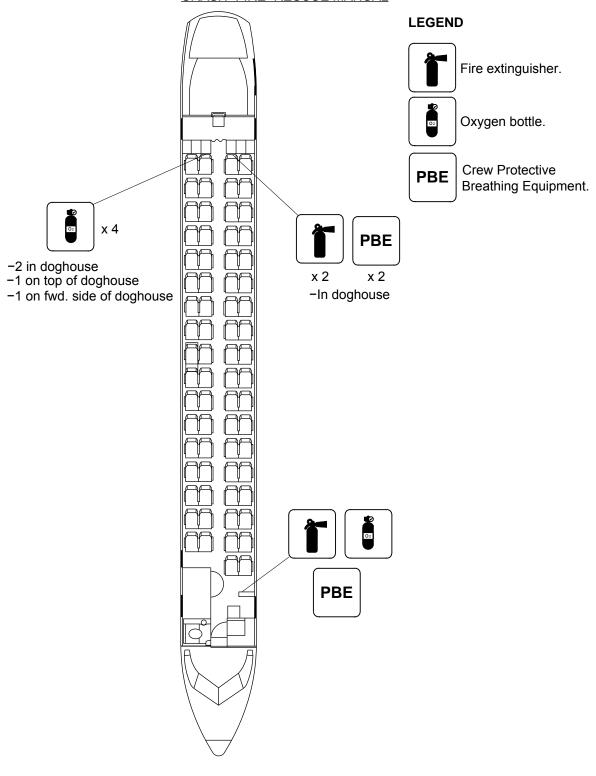
3\	HYDRAULIC FLUID CAPACITY					
	Reservoir	US Qt.	Imp. Qt.	L		
	No. 1 System	8.3	6.9	7.9		
	No. 2 System	12.5	10.4	11.8		
	No. 3 System	2.6	2.2	2.5		
	Aux. System (Nose)	1.06	1.27	1.20		

FLAMMABLE MATERIAL LOCATIONS (EXCLUDING PASSENGER CABIN)

Figure 00 - 18







STANDARD CONFIGURATION

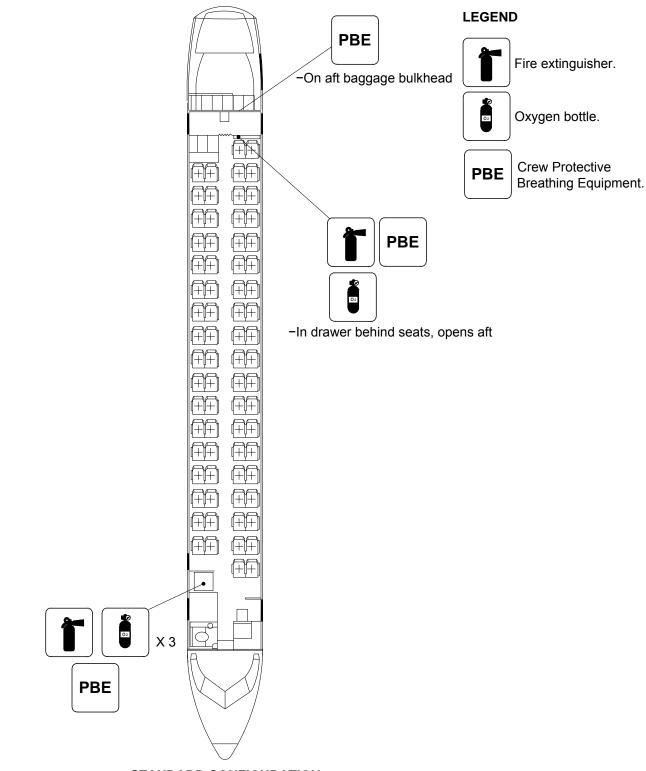
FLAMMABLE/HAZARDOUS MATERIAL LOCATIONS IN PASSENGER CABIN (Sheet 1 of 4)

Figure 00 - 19

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STANDARD CONFIGURATION

FLAMMABLE/HAZARDOUS MATERIAL LOCATIONS IN PASSENGER CABIN (Sheet 2 of 4)

Figure 00 - 19





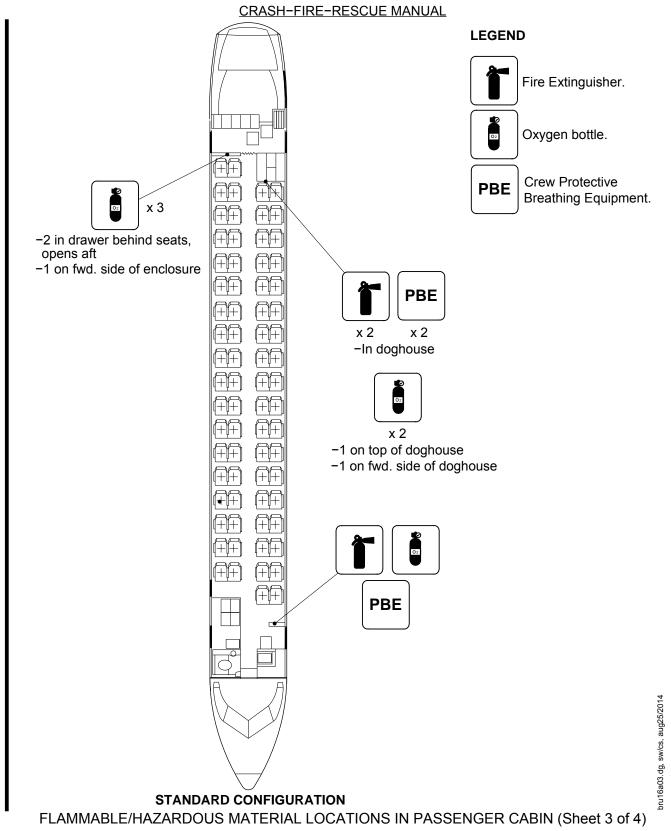
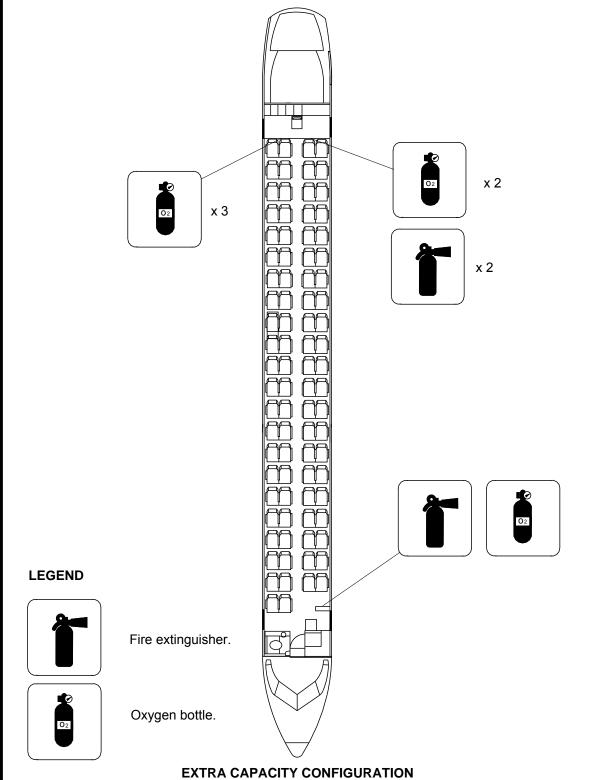


Figure 00 - 19

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FLAMMABLE/HAZARDOUS MATERIAL LOCATIONS IN PASSENGER CABIN (Sheet 4 of 4)

Figure 00 - 19





Fire Control Recommendations

A. Fire Area	Extinguisher Type			Notes	
	Preferred	Alternative	Avoid		
Aircraft Structural Fire	Foam	Halon 1211*		Dry chemical powder/Carbon dioxide may be used as complimentary agents in conjunction with foam	
Engine Fire	Halon 1211*	Dry chemical powder (corrosive) Carbon dioxide (can damage engine)	Foam	Avoid foam unless adjacent structures are at risk	
Fuel Fire	Dry chemical powder for leaking fuel Water fog or foam on ground spill area				
Wheel Fire	Dry chemical powder or water fog (intermittent application)	Halon 1211*	Carbon Dioxide- wheel breakage is possible	1. Wheels are equipped with fusible plugs which will blow between 342°F to 360°F (172°C to 182°C) Approach landing gear from forward or aft. Stand upwind of fire to avoid 'Skydrol' fumes	
Electrical Fire		Dry chemical powder/Carbon dioxide	Water		
Hydraulic Service Bay Fire	Halon 1211*	Dry chemical powder/Carbon dioxide	Water		
Galley Fire	Halon 1211*	Dry chemical powder	Water		
Flight Compartment Cabin Fire		Dry chemical powder	Water	Water can be used in flight compartment/cabin if electrical/flammable liquids not involved (eg. upholstery)	
Cargo Compartment Fire	Halon 1211*	Dry chemical powder/Carbon dioxide	Water		

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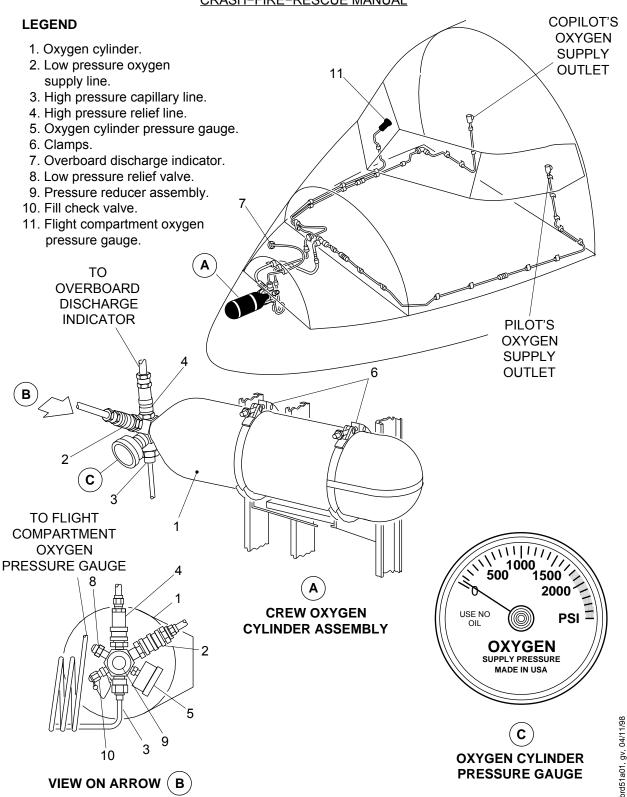


* Use of Halon 1211 may be restricted by local authority.

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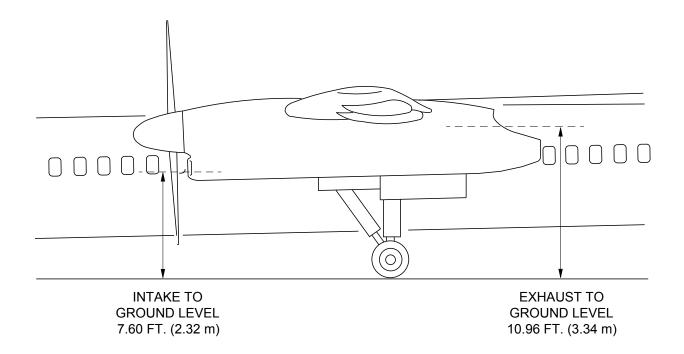


CREW OXYGEN SYSTEM

Figure 00 - 20

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NOTES

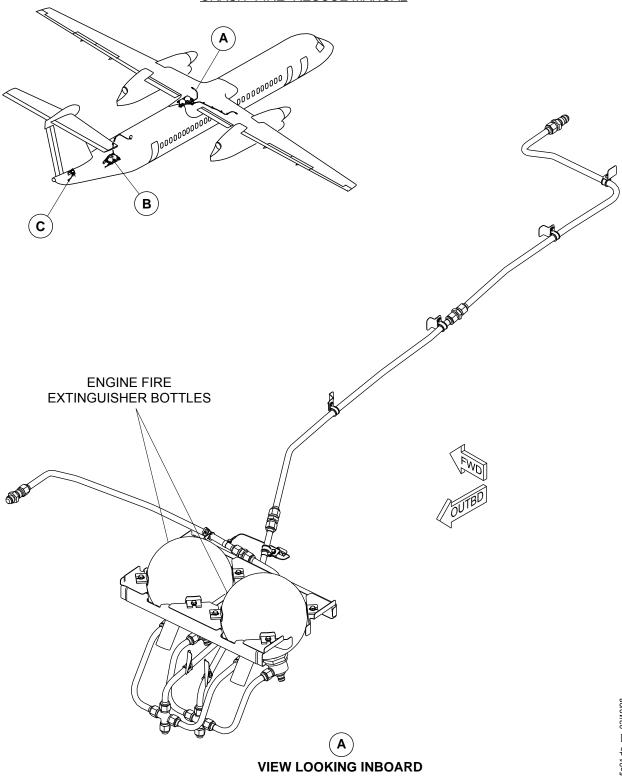
- 1. Approximately 3 ft. lower in wheels-up situation.
- 2. There are no externally accessible fire access panels.

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ENGINE FIRE ACCESS LOCATIONS







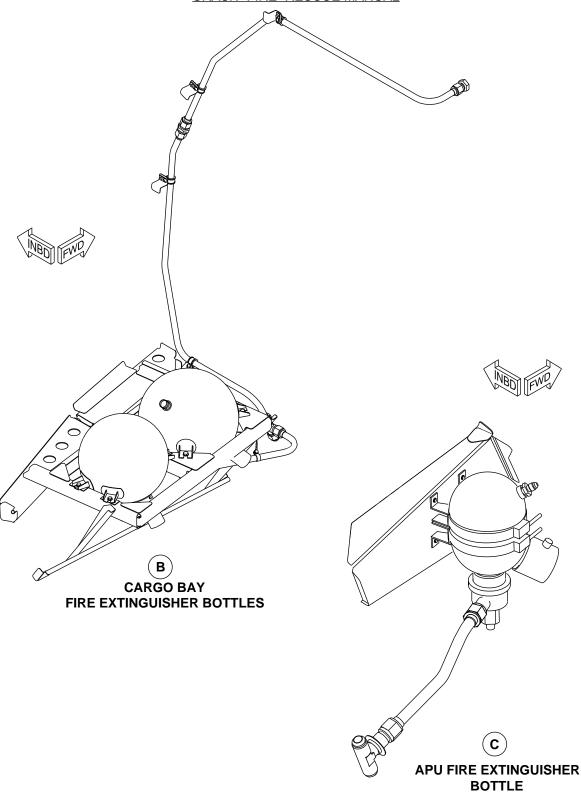
ON LH SIDE

FIRE EXTINGUISHING SYSTEMS LOCATIONS (Sheet 1 of 2)

Figure 00 - 22





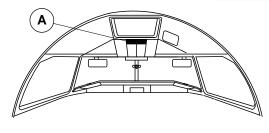


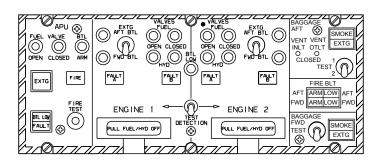
FIRE EXTINGUISHING SYSTEMS LOCATIONS (Sheet 2 of 2)

Figure 00 - 22









Α

ENGINE FIRE

- 1. POWER levers FLT IDLE.
- 2. Condition levers FUEL OFF.
- 3. PULL FUEL/HYD OFF handle (affected engine) Pull. Check FUEL VALVE CLOSED and HYD VALVE CLOSED advisory lights illuminate.
- 4. TANK 1 AUX PUMP and TANK 2 AUX PUMP switches OFF.
- 5. EXTG switch (affected engine) FWD BTL.

Wait up to 30 seconds, if fire persists:

- 6. EXTG switch AFT BTL.
- 7. BATTERY MASTER switch OFF.
- 8. DC CONTROL EXT PWR and AC CONTROL EXT PWR switches OFF.
- 9. PARK/EMERG BRAKE lever PARK.
- 10. Evacuate airplane.

APU FIRE

- Check APU automatically shuts down (APU RUN advisory light out), APU BTL LOW and FUEL VALVE CLOSED advisory lights illuminate.
- If APU BTL ARM or APU FIRE advisory lights remain illuminated after 7 seconds:
 - 2. EXTG switch EXTG.

BAGGAGE AFT COMPARTMENT FIRE

- 1. Check for illumination of VENT INLT and VENT OTLT and FIRE BOTTLE AFT ARM advisory lights.
- 2. Illuminated SMOKE/EXTG switch Press. Check FIRE BOTTLE AFT LOW advisory light illuminates and FIRE BOTTLE AFT ARM advisory light out.

NOTE

The FIRE BOTTLE FWD LOW advisory light will illuminate approximately seven minutes after the FIRE BOTTLE AFT LOW advisory light illuminates.

BAGGAGE FWD COMPARTMENT FIRE

- 1. Check for illumination of FIRE BOTTLE FWD ARM advisory light.
- 2. Illuminated SMOKE/EXTG switch Press. Check FIRE BOTTLE FWD LOW and AFT LOW advisory lights illuminate and FIRE BOTTLE FWD ARM advisory light out.

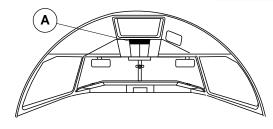
FIRE EXTINGUISHING SYSTEMS OPERATIONS (STANDARD CONFIGURATION)

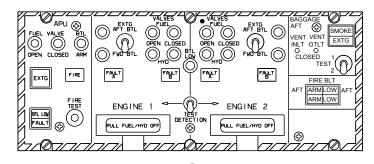
FIRE EXTINGUISHING SYSTEMS OPERATIONS (Sheet 1 of 2)

Figure 00 - 23









Α

ENGINE FIRE

- 1. POWER levers FLT IDLE.
- 2. Condition levers FUEL OFF.
- 3. PULL FUEL/HYD OFF handle (affected engine) Pull. Check FUEL VALVE CLOSED and HYD VALVE CLOSED advisory lights illuminate.
- 4. TANK 1 AUX PUMP and TANK 2 AUX PUMP switches OFF.
- 5. EXTG switch (affected engine) FWD BTL.

Wait up to 30 seconds, if fire persists:

- 6. EXTG switch AFT BTL.
- 7. BATTERY MASTER switch OFF.
- 8. DC CONTROL EXT PWR and AC CONTROL EXT PWR switches OFF.
- 9. PARK/EMERG BRAKE lever PARK.
- 10. Evacuate airplane.

APU FIRE

- 1. Check APU automatically shuts down (APU RUN advisory light out), APU BTL LOW and FUEL VALVE CLOSED advisory lights illuminate.
- If APU BTL ARM or APU FIRE advisory lights remain illuminated after 7 seconds:
 - 2. EXTG switch EXTG.

BAGGAGE AFT COMPARTMENT FIRE

- 1. Check for illumination of VENT INLT and VENT OTLT and FIRE BOTTLE AFT ARM advisory lights.
- 2. Illuminated SMOKE/EXTG switch Press. Check FIRE BOTTLE AFT LOW advisory light illuminates and FIRE BOTTLE AFT ARM advisory light out.

NOTE

The FIRE BOTTLE FWD LOW advisory light will illuminate approximately seven minutes after the FIRE BOTTLE AFT LOW advisory light illuminates.

FIRE EXTINGUISHING SYSTEMS OPERATIONS (EXTRA CAPACITY CONFIGURATION)

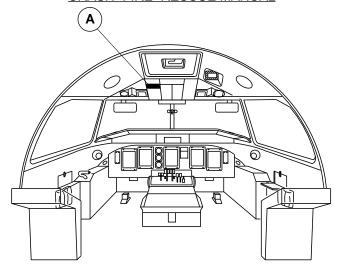
FIRE EXTINGUISHING SYSTEMS OPERATIONS (Sheet 2 of 2)

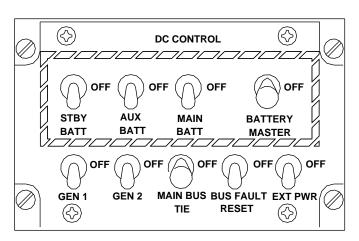
Figure 00 - 23

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- A. Set the MAIN BATT switch to the OFF position.
- B. Set the AUX BATT switch to the OFF position.
- C. Set the MAIN BUS TIE switch to the OFF position.
- D. If necessary, set the STBY BATT switch to the OFF position.
- E. Set the BATTERY MASTER switch to the OFF position.
- F. Make sure that the AC EXT PWR switch and the DC EXT PWR switch are both set to the OFF position.

BATTERY POWER SWITCH LOCATIONS

Figure 00 - 24

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