



**A321**

# **Aircraft Rescue and Fire Fighting Chart ARFC**

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**AN EADS COMPANY**

 **A321**  
AIRCRAFT RESCUE AND  
FIRE FIGHTING CHART

**NOTE**

**THIS CHART GIVES THE GENERAL LAYOUT OF THE A321 STANDARD VERSION.  
THE NUMBER AND ARRANGEMENT OF THE INDIVIDUAL ITEMS VARY WITH THE CUSTOMERS.**

ISSUED BY:

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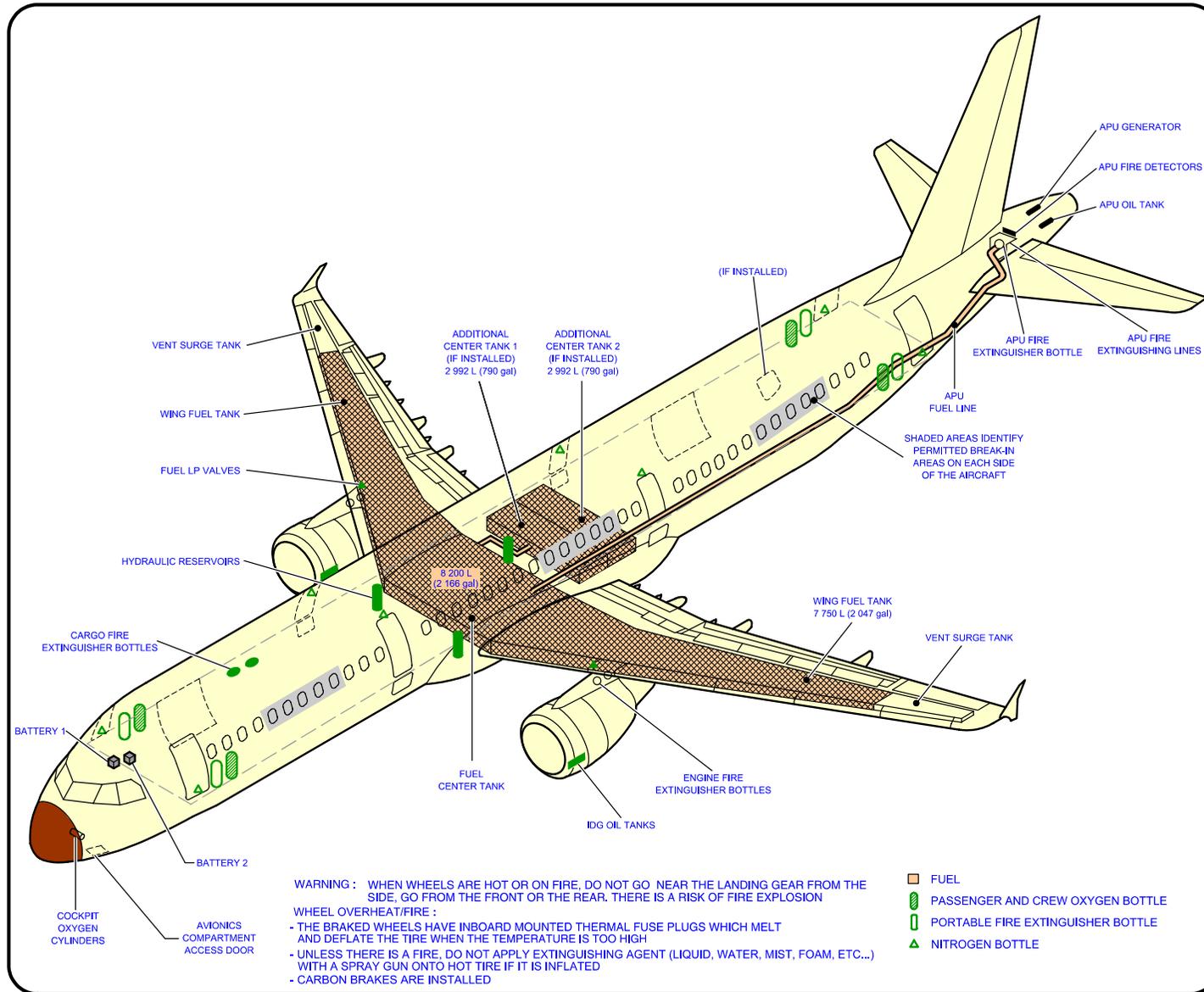
**AIRCRAFT RESCUE AND FIRE FIGHTING CHART**

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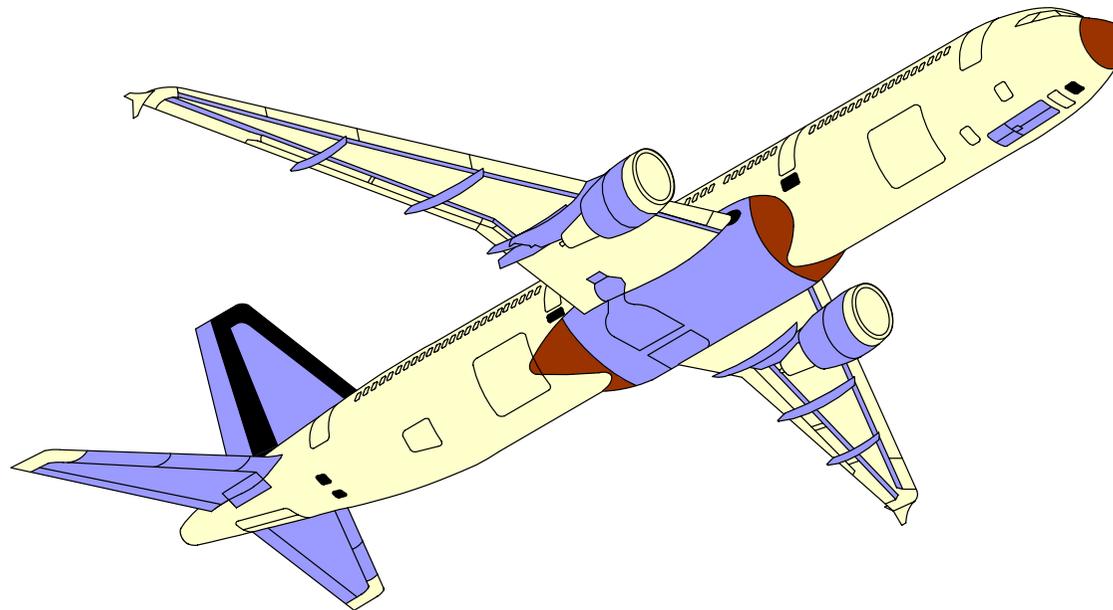
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Highly Flammable Materials and Hazardous Components - Location

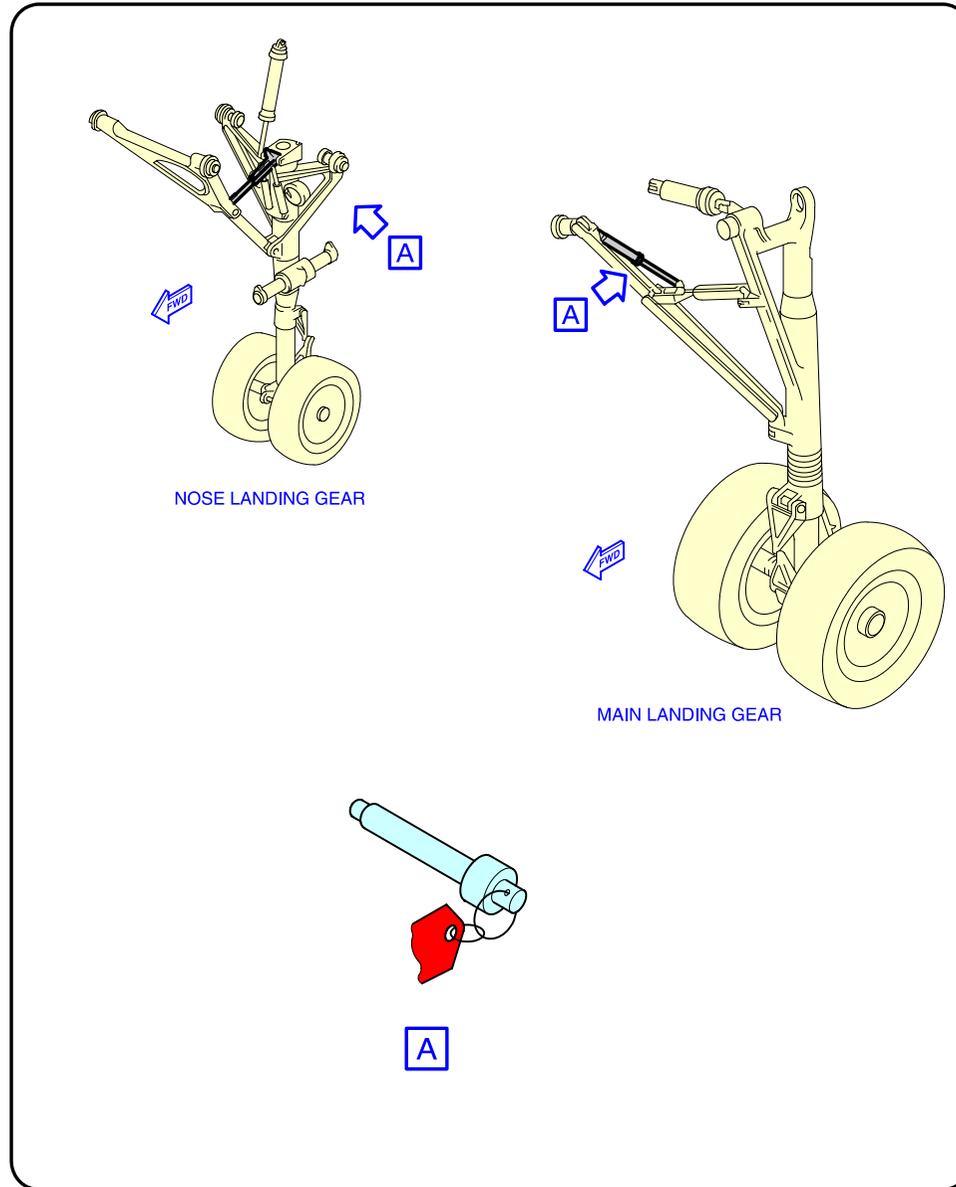
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-  Carbon Fiber Reinforced Plastic (CFRP)
-  Glass Fiber Reinforced Plastic (GFRP)
-  Aramid Fiber Reinforced Plastic (AFRP)



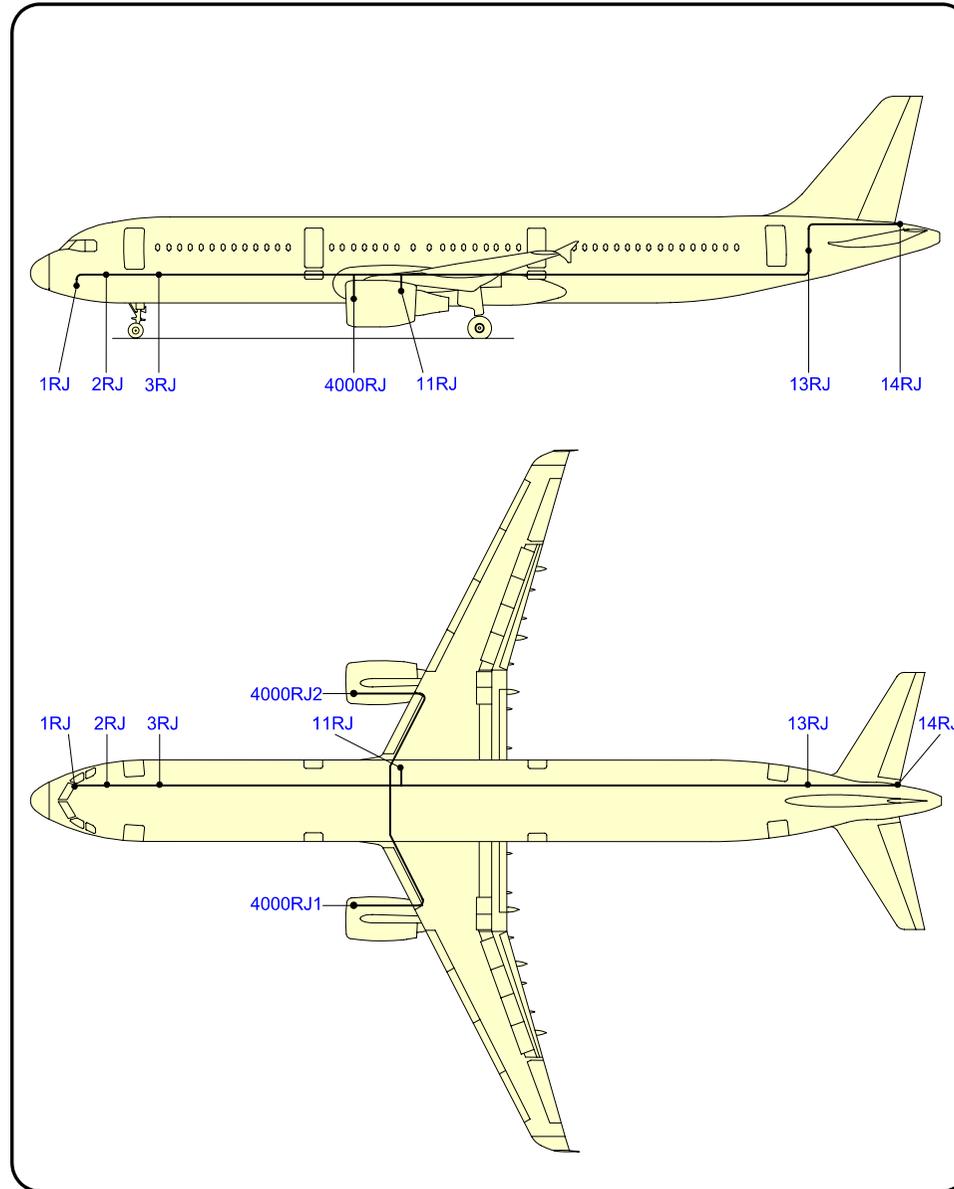
Composite Materials - Location

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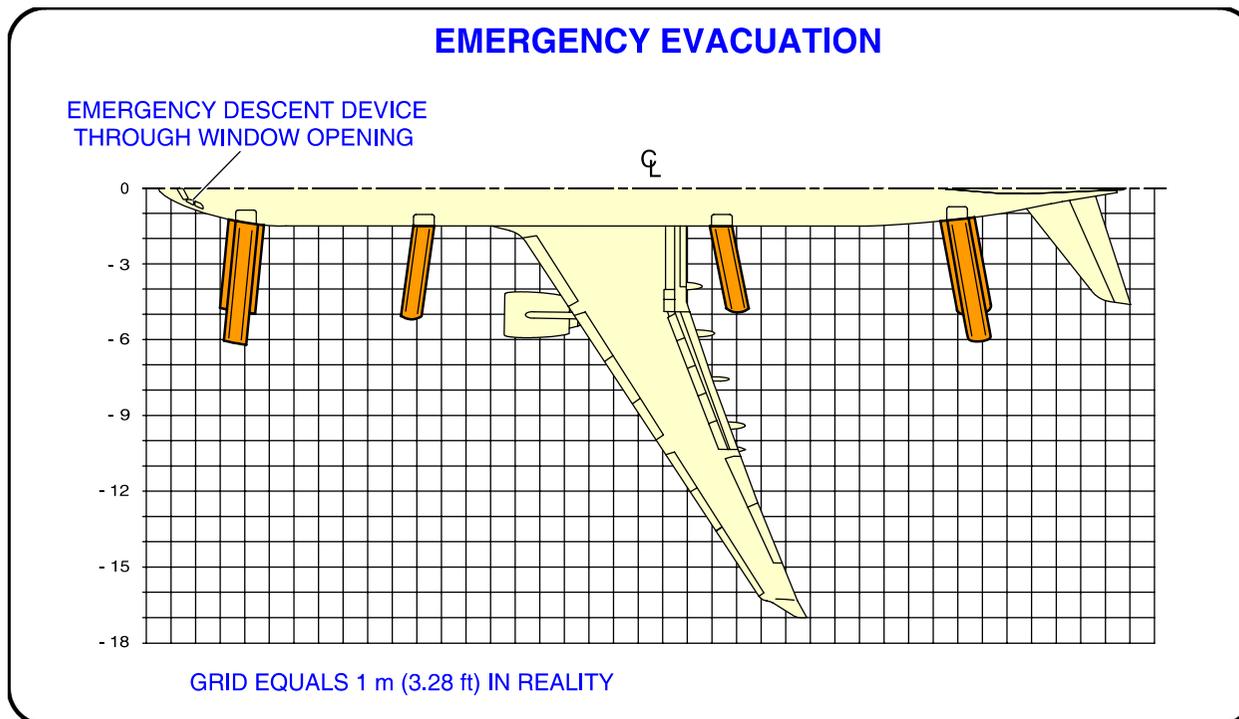


Landing Gear Ground Lock Safety Pin - Installation

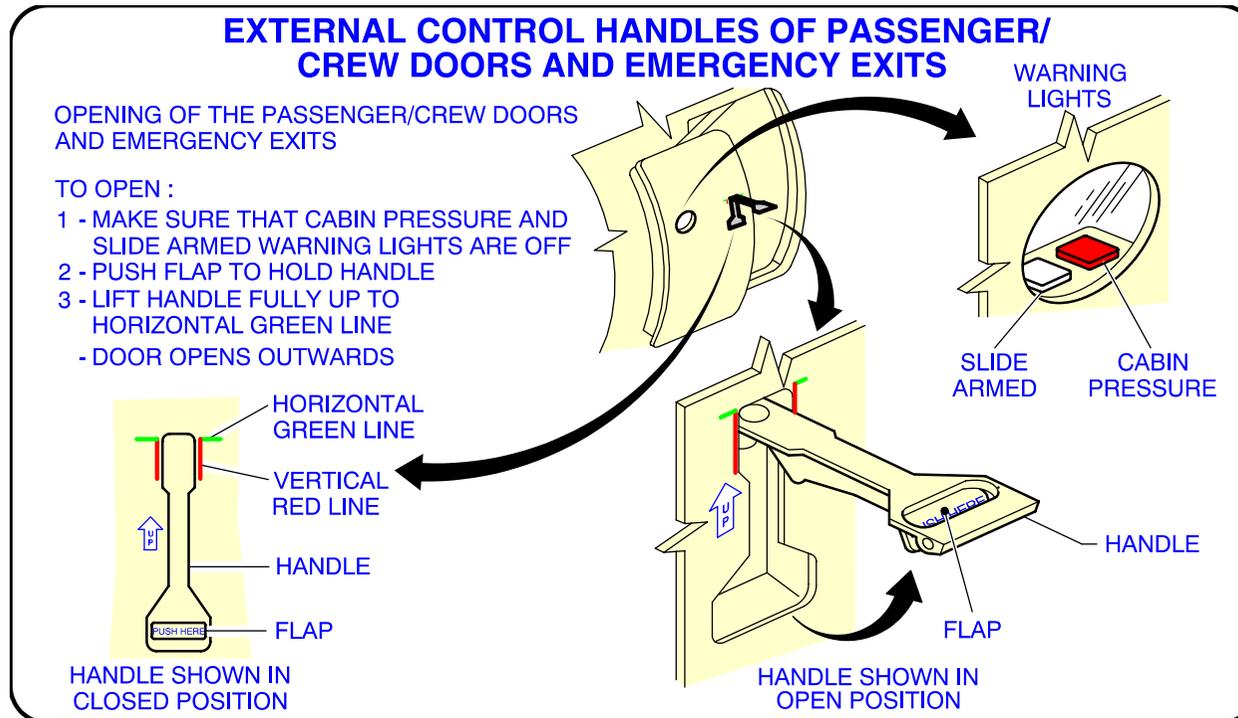
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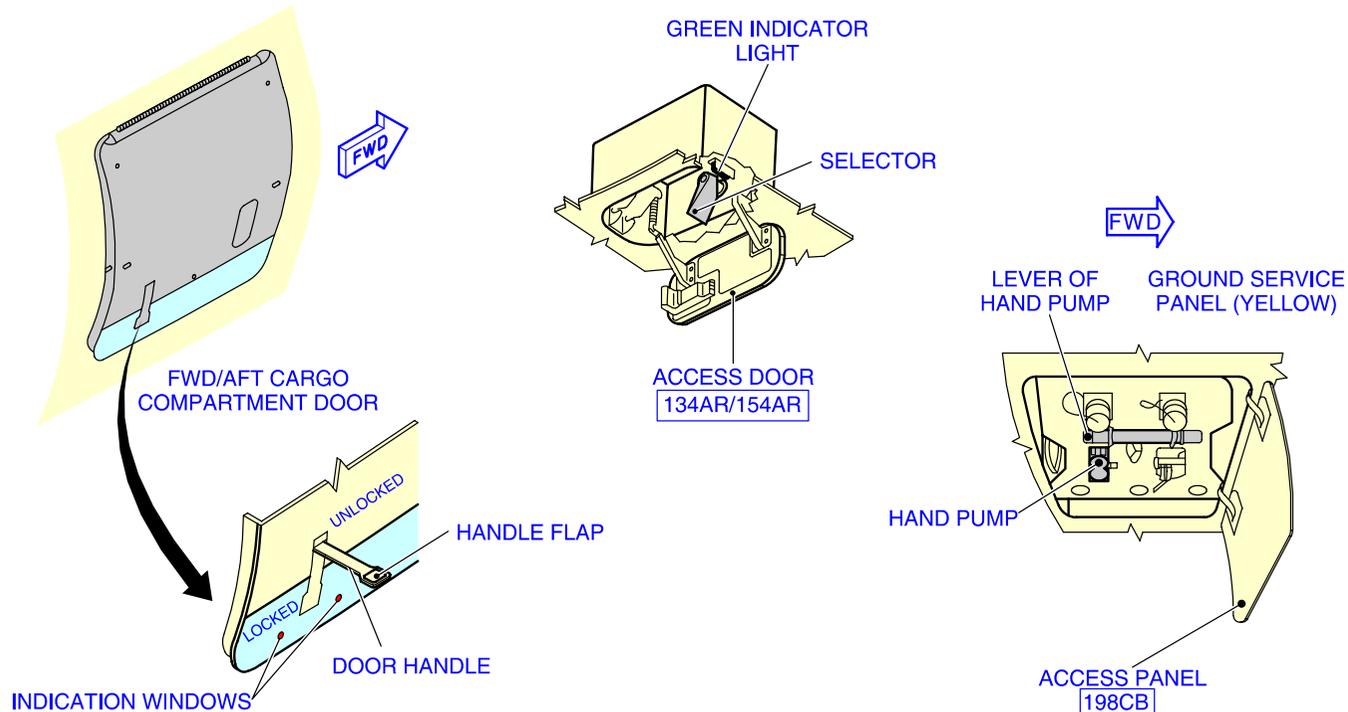
Interphone Jack Sockets - Location



Evacuation/Escape Slide/Raft - Location



**FWD AND AFT CARGO COMPARTMENT DOOR CONTROLS**



NORMAL OPERATION:

- 1 - PUSH THE DOOR HANDLE FLAP IN TO RELEASE THE DOOR HANDLE FROM THE CATCH OF THE DOOR STRUCTURE.
- 2 - PULL THE DOOR HANDLE AWAY AND UP FROM THE DOOR STRUCTURE TO THE FULLY "UNLOCKED" POSITION. YOU CAN SEE A RED MARK THROUGH ALL THE INDICATION WINDOWS.
- 3 - OPEN THE ACCESS DOOR 134AR/154AR BELOW THE FUSELAGE TO GET ACCESS TO THE SELECTOR.
- 4 - MOVE THE SELECTOR TO THE "OPEN" POSITION AND HOLD IT UNTIL THE GREEN INDICATOR LIGHT COMES ON. (DOOR FULLY OPEN AND LOCKED)
- 5 - RELEASE THE SELECTOR.

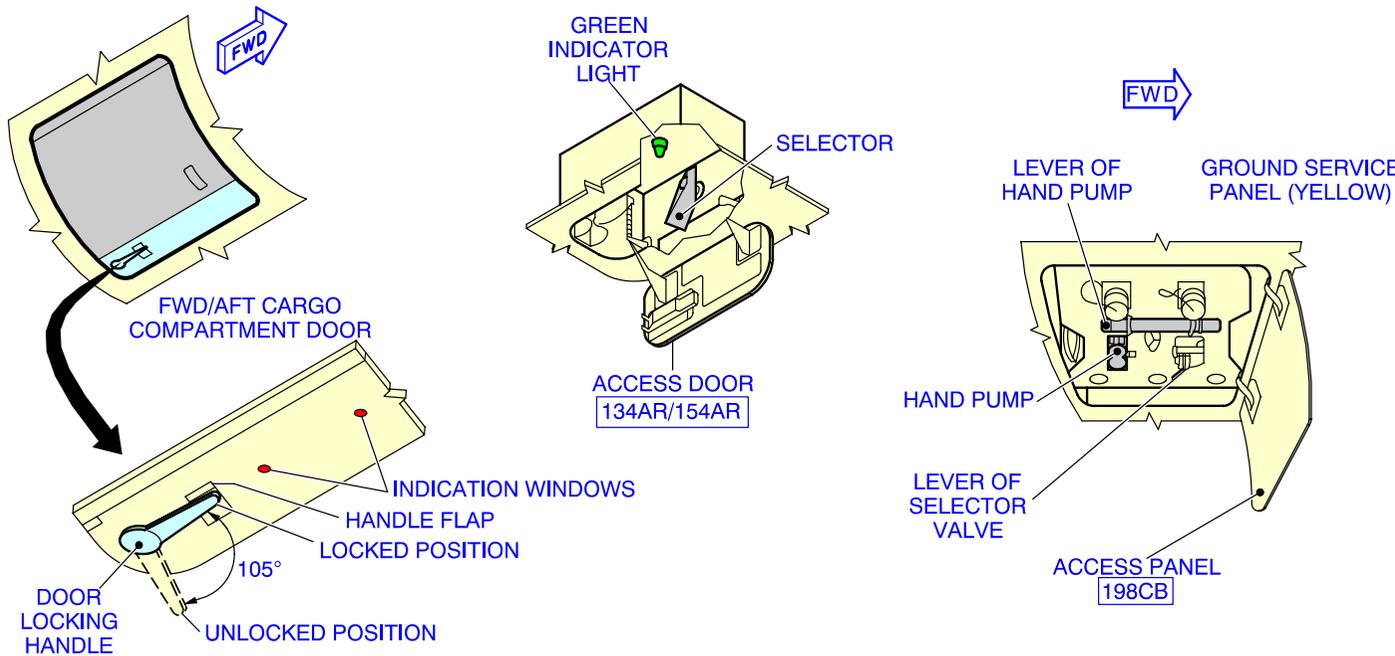
MANUAL OPERATION:

(TWO PERSONS NECESSARY FOR THIS OPERATION)

- 1 - DO THE OPERATIONS 1 TO 3 AS FOR "NORMAL OPERATION".
- 2 - MOVE THE SELECTOR OF THE CONTROL PANEL TO THE "OPEN" POSITION AND HOLD IT DURING OPERATION OF THE HAND PUMP.
- 3 - IN THE BELLY FAIRING AREA, OPEN THE ACCESS PANEL 198CB OF THE YELLOW GROUND SERVICE PANEL.
- 4 - INSTALL THE HAND PUMP LEVER ON THE HAND PUMP AND OPERATE IT UNTIL THE CARGO DOOR IS FULLY OPENED. (YOU CAN FEEL THE FORCE INCREASE ON THE HAND PUMP LEVER)

Cargo Doors - Opening (Figure 1)

**FWD AND AFT CARGO COMPARTMENT DOOR CONTROLS**



**NORMAL OPERATION:**

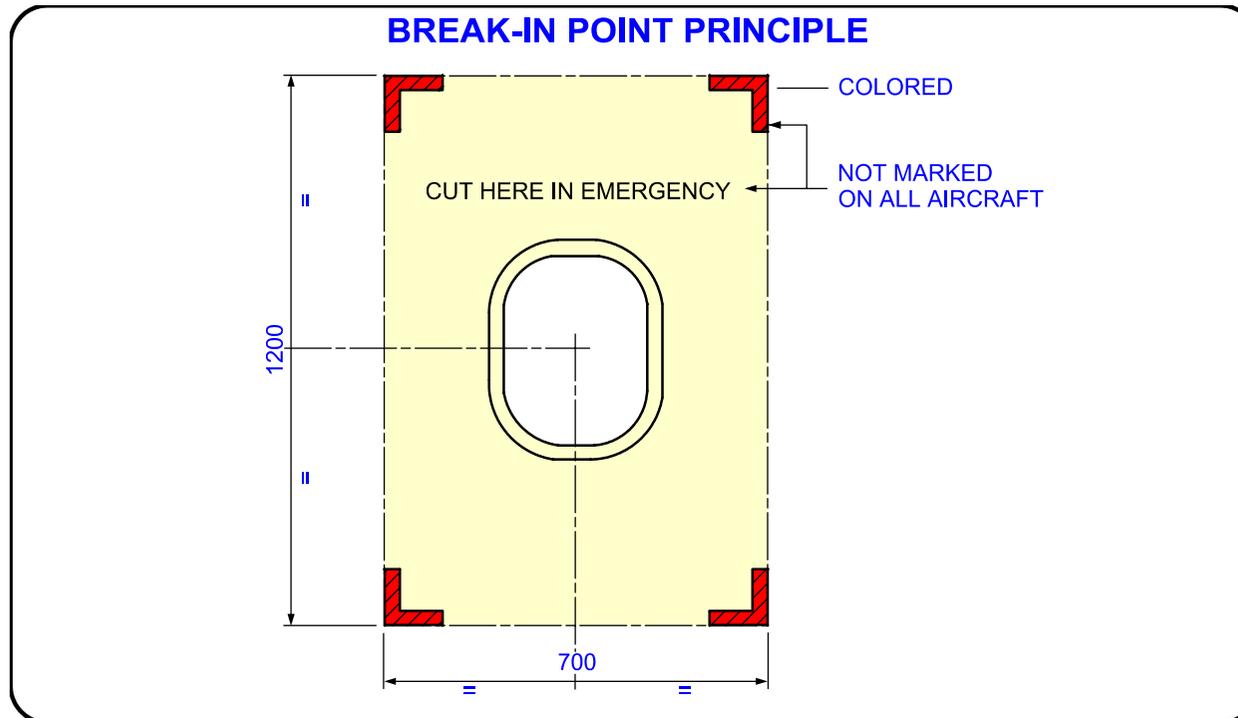
- 1 - PUSH THE HANDLE FLAP IN AND PULL THE LOCKING HANDLE AWAY FROM THE CARGO DOOR.
- 2 - TURN THE LOCKING HANDLE DOWN TO THE "UNLOCKED" POSITION. YOU CAN SEE A RED MARK THROUGH ALL THE INDICATION WINDOWS.
- 3 - OPEN THE ACCESS DOOR 134AR/154AR BELOW THE FUSELAGE TO GET ACCESS TO THE SELECTOR.
- 4 - MOVE THE SELECTOR OF THE CONTROL PANEL TO THE "OPEN" POSITION AND HOLD IT UNTIL THE GREEN INDICATOR LIGHT COMES ON. (DOOR FULLY OPEN AND LOCKED)
- 5 - RELEASE THE SELECTOR.

**MANUAL OPERATION:**

(TWO PERSONS NECESSARY FOR THIS OPERATION)

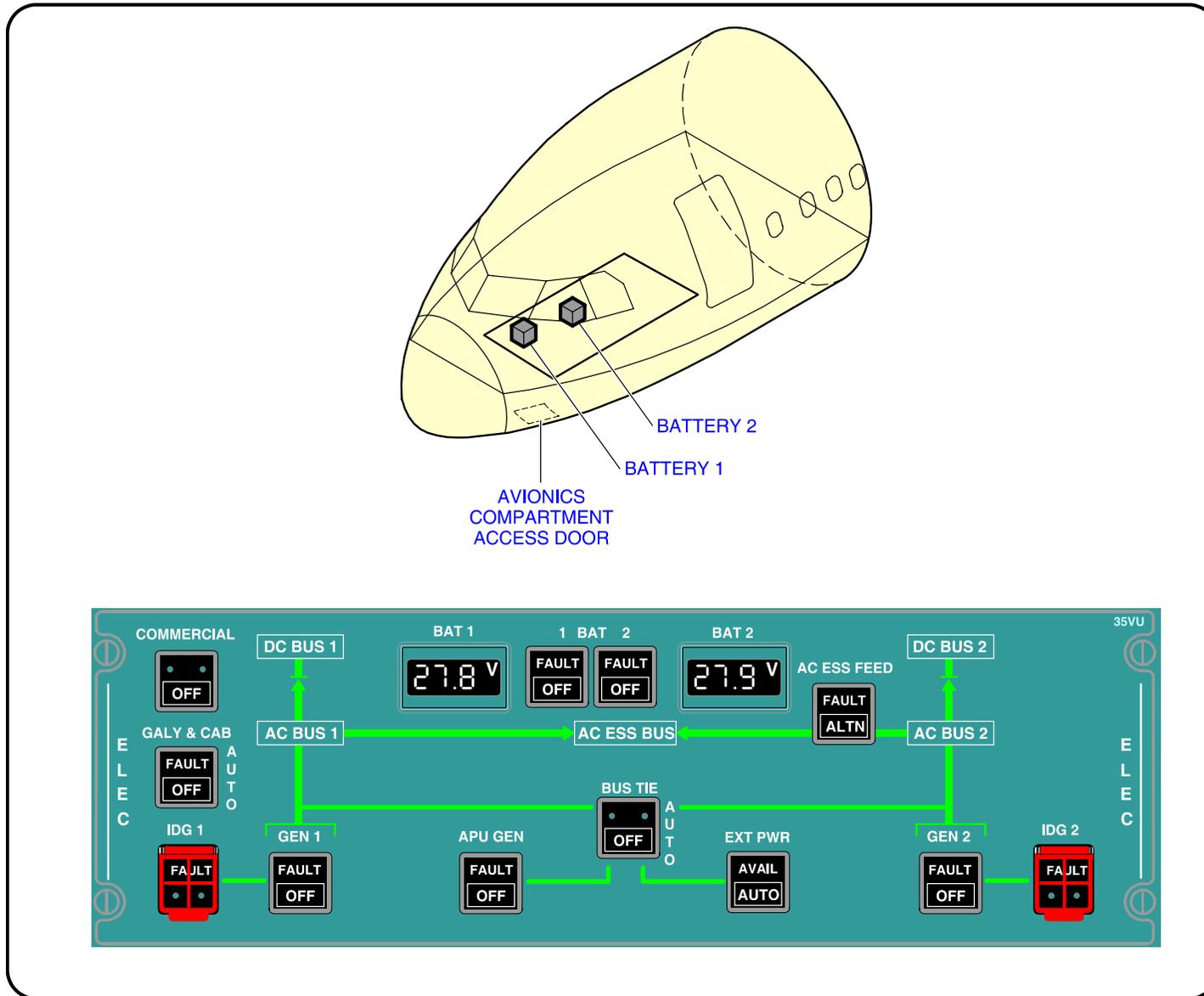
- 1 - DO THE OPERATIONS 1 TO 3 AS FOR "NORMAL OPERATION".
- 2 - MOVE THE SELECTOR OF THE CONTROL PANEL TO THE "OPEN" POSITION AND HOLD IT DURING OPERATION OF THE HAND PUMP
- 3 - IN THE BELLY FAIRING AREA, OPEN THE ACCESS PANEL 198CB OF THE YELLOW GROUND SERVICE PANEL.
- 4 - SET THE LEVER OF THE ELECTRO-MANUAL SELECTOR VALVE TO THE HAND PUMP POSITION.
- 5 - INSTALL THE HAND PUMP LEVER ON THE HAND PUMP AND OPERATE IT UNTIL THE CARGO DOOR IS FULLY OPENED. (YOU CAN FEEL THE FORCE INCREASE ON THE HAND PUMP LEVER)

Cargo Doors - Opening (Figure 2)



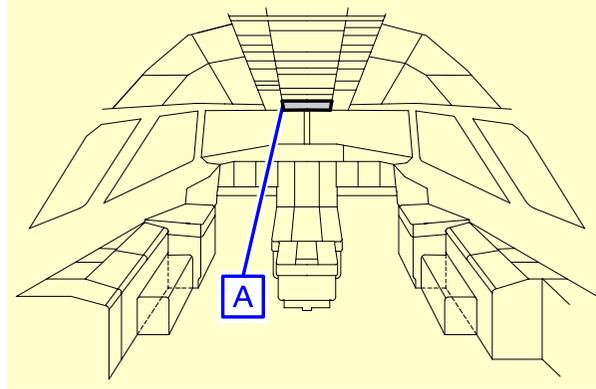
Structural Break-in Points - Principle

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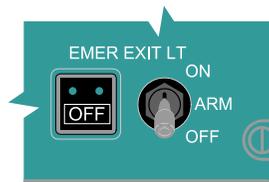
Batteries and Control Panel - Location

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A

B

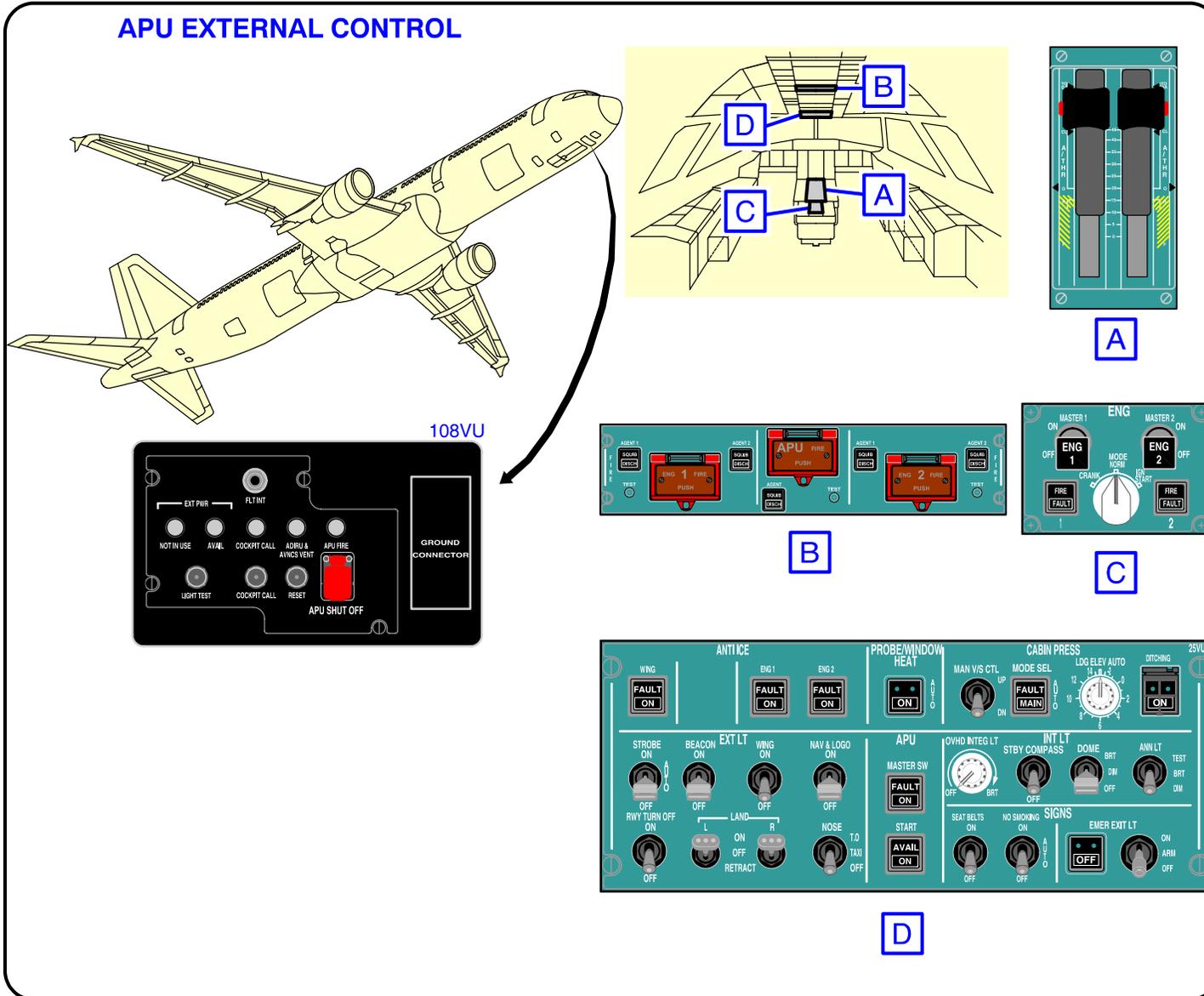


B

Emergency Exit Light Control Panel - Location

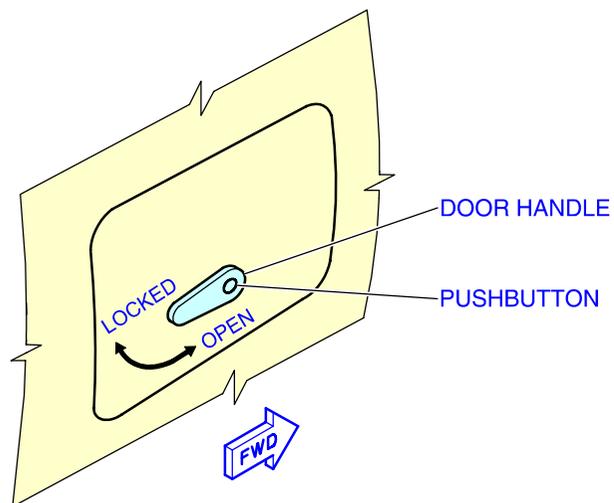
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## APU EXTERNAL CONTROL



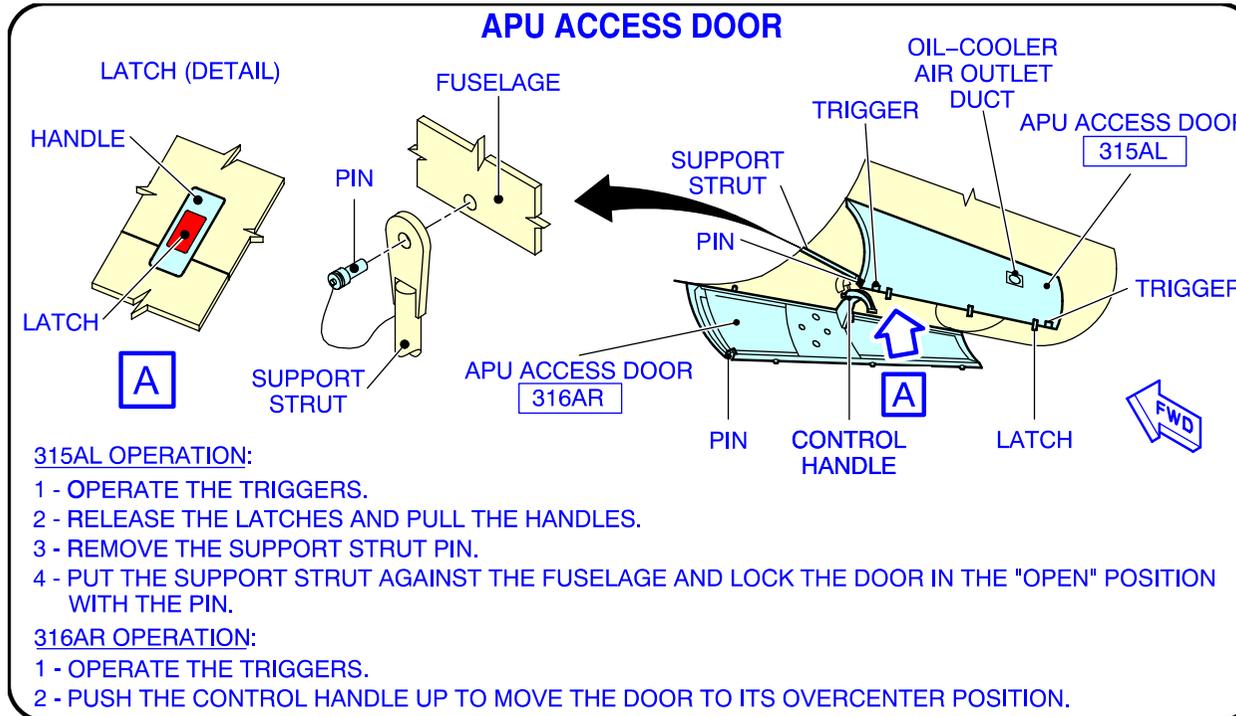
Engine and APU Controls and FIRE Panels - Location

## BULK CARGO COMPARTMENT DOOR CONTROL



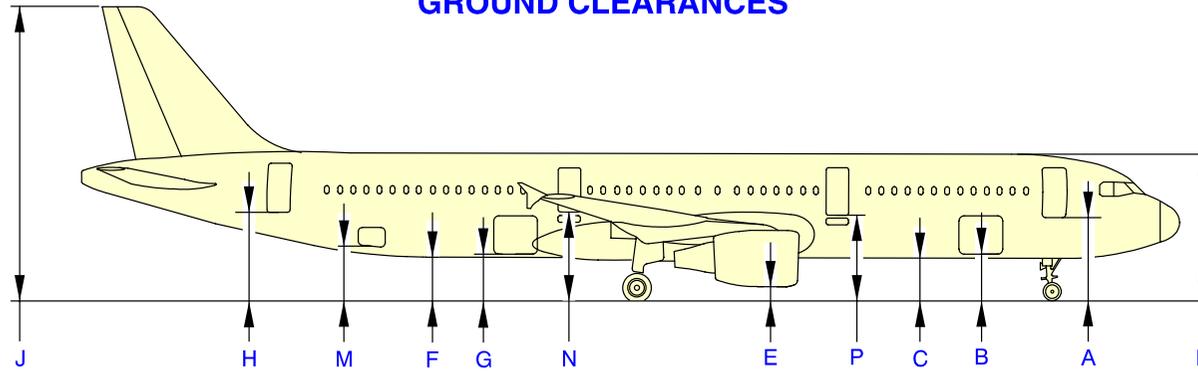
### OPERATION:

- 1 - PUSH PUSHBUTTON TO RELEASE DOOR HANDLE.
- 2 - MOVE HANDLE DOWN TO "OPEN" POSITION.
- 3 - PUSH BULK DOOR IN. PUT DOOR HANDLE BACK IN "LOCKED" POSITION AND INTO RECESS.
- 4 - PUSH BULK DOOR UP UNTIL HOOK ENGAGES.

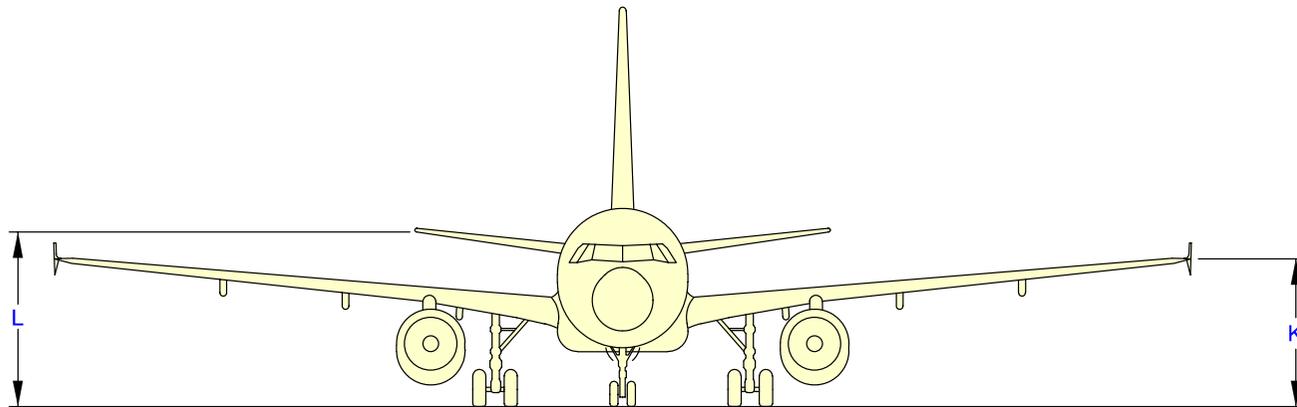


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**GROUND CLEARANCES**



NOTE : POINTS A, B, G, H, M, N AND P ARE MID DOOR AT FLOOR LEVEL.  
 POINTS C AND D ARE EXTREMES OF STRAIGHT PORTION.



DIMENSIONS ARE APPROXIMATE

	m	ft
A	3.46	11.35
B	2.08	6.82
C AFT	1.99	6.53
C FWD	1.80	5.91
D AFT	6.13	20.11
D FWD	5.94	19.49
E (CFM)	0.68	2.23
E (V2500)	0.79	2.59
F	1.72	5.64

	m	ft
G	2.25	7.38
H	3.71	12.17
J	12.10	39.70
K	4.02	13.19
L	5.54	18.18
M	2.50	8.20
N	3.62	11.88
P	3.53	11.58

Aircraft Ground Clearances