

# CHAPTER

# 11

# PLACARDS AND MARKINGS

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**CHAPTER 11 - PLACARD AND MARKINGS  
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PLACARDS AND MARKINGS - DESCRIPTION AND OPERATION

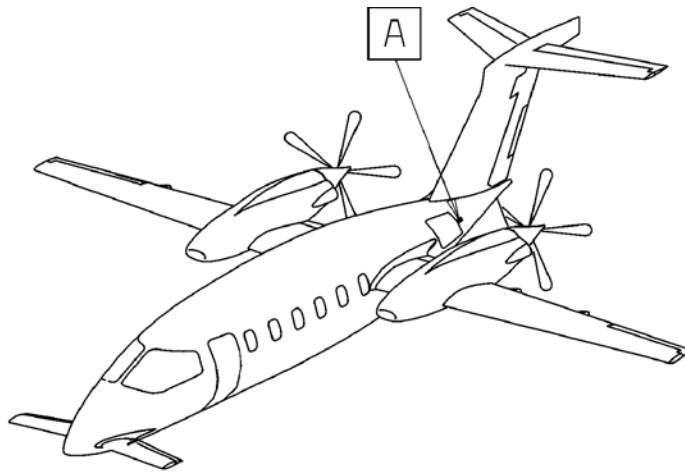
1. General

- A. The model designation placard is located at the rear of the fuselage on the left side of FS 8590. The placard identifies the airplane by its identification mark, aircraft type, manufacturer and serial number.
- B. For information of the internal and external placards refer to the following Table:

EXTERNAL PLACARDS		INTERNAL PLACARDS	
NUMBER OF PLACARD	PART NUMBER	NUMBER OF PLACARD	PART NUMBER
1	80-899001-025	1	80-118997-001
2	80-899001-007	2	80K118789-001
3	80-899001-005	3	80-118997-007
4	80-899001-009	4	80K118328-001
5	80-899001-011	5	80-899001-079
6	80-899001-021	6	80-118997-005
7	80-899001-043	7	80K118787-003
8	80-899001-039	8	80K118787-001
9	80-899001-037	9	80-899001-075
10	80-899001-041	10	80-899001-085
11	80-899001-013	11	80-899001-077
12	80-899001-017	12	80-899001-067
13	80-899001-015	13	80-899001-069
14	80-899001-019	14	not used
15	80-899001-067	15	not used
16	80-899001-023	16	80-899001-061
17	80-899001-045	17	80-899001-063
18	80-899001-065	18	80-899001
19	80-899001-001	19	80-198162
20	80-899001-003	20	80-899002
21	80-899001-053	21	80-899002
22	80-899001-035	22	80-899002
23	80-KS00009	23	80-899002
24	80-909789	24	80-899002
25	80-899001-029	25	80-899002
26	not used	26	80-899002
27	80-899001-031	27	80-899002
28	80-899001-027	28	80-899002
29	80-899001-081	29	80-899002
30	80-899001-047	30	80-899002
31	80-899001-049	31	not used
32	80-899001-051	32	not used

EXTERNAL PLACARDS		INTERNAL PLACARDS	
33	80-899001-083	33	80-899002
		34	80-899002
		35	80-899002
		36	80-899002
		37	80-899002
		38	80-899002
		39	80-899002





MM\_110000\_1

Fig. 1 - Model Designation Placard

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EXTERIOR COLOR - MAINTENANCE PRACTICES

1. General

- A. The exterior color scheme is a customer option in accordance with Design Authority Approval.
- B. Composite components classified as primary structures in Chapter 51-01-00 are subject to the following limitations for application of exterior paints:
  - Color listed in table **WARNING:** are approved for application without limitation.
  - Other colors or decals may be applied provided no more than 20% of the external surface is affected. The limit of 20% must be considered as distributed over the entire surface, not as a concentrated area.
  - For application of other colors over the entire surface contact the airplane Manufacturer for evaluation of paint optical properties.

These paints are also listed in Chapter 91-00-00, Chart 201 Item 05-006. The composite material areas and structural classification are shown in Chapter 51-00-00.

**WARNING:** APPLICATION OF COLORS OTHER THAN THOSE LISTED IN TABLE **WARNING:** MAY CAUSE EXCESSIVE TEMPERATURES AND CONSEQUENT DEGRADATION OF STRUCTURAL PROPERTIES OF COMPOSITE COMPONENTS..

VENDOR	COLOR	P/N
ALUMIGRIP	– Ethereal Blue	G8036
ALUMIGRIP	– Beyond Blue	H5002
ALUMIGRIP	– Ice Blue	H5004
ALUMIGRIP	– Snow White	G8044
ALUMIGRIP	– Vestal White	G8004
ALUMIGRIP	– Off White	G8010
ALUMIGRIP	– Off White Revised	G8009
ALUMIGRIP	– Oyster White	H8010
ALUMIGRIP	– Egg Shell White	H8015
ALUMIGRIP	– Matterhorn White	G8003
ALUMIGRIP	– Blue Tone White	G8029
ALUMIGRIP	– Cream	H8002
ALUMIGRIP	– Moon Dust	G6004
ALUMIGRIP	– Tender Yellow	G9059
ALUMIGRIP	– San Mateo Wheat	G9001

Table 201

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EXTERNAL PLACARDS - MAINTENANCE PRACTICES

1. General

A. In this section are shown the external placards and their locations on the airplane (Ref. to Fig. 201).

2. Placard - Removal

A. Materials

Methyl-Ethyl-Ketone (MEK) solvent	TT-M-261
Lint-Free Cloth	Not Specified

B. Procedure

**WARNING:** BE CAREFUL WHEN YOU USE MEK. OBEY THE HEALTH AND SAFETY INSTRUCTIONS GIVEN IN CHAPTER 20-00-00.

**NOTE:** When placards are located close to each other, it is advisable to replace the adjacent placard(s) when replacing a specific placard.

- (1) Detach the placard from the airplane using a hot air blower to soften the adhesive, taking care not to damage any adjacent component or paint work.
- (2) Clean the surface with the MEK solvent (TT-M-261) and a lint-free cloth.

3. Placard - Installation

A. Materials

Isopropyl Alcohol	02-008
Methyl-Ethyl-Ketone (MEK) solvent	TT-M-261
Lint-Free Cloth	Not Specified

B. Procedure

**WARNING:** BE CAREFUL WHEN YOU USE MEK. OBEY THE HEALTH AND SAFETY INSTRUCTIONS GIVEN IN CHAPTER 20-00-00.

**NOTE:** The Scotchcal materials, being self-adhesive, can be applied to the most smooth, flat, clean and non-porous surfaces.

- (1) Clean the surface with a cloth, made moist with the MEK solvent (TT-M-261).
- (2) Wipe carefully with a clean lint-free cloth.

**WARNING:** BE CAREFUL WHEN YOU USE ISOPROPYL ALCOHOL. OBEY THE HEALTH AND SAFETY INSTRUCTIONS GIVEN IN CHAPTER 20-00-00.

- (3) Remove the protective covering from the adhesive side of the placard.
- (4) Position the placard and press firmly to the surface.

**NOTE:** In order to get the best results placards must be applied at a temperature higher than 60 °F (16 °C). Whenever a placard must be applied at a lower temperature, activate the adhesive with a small quantity of isopropyl alcohol.

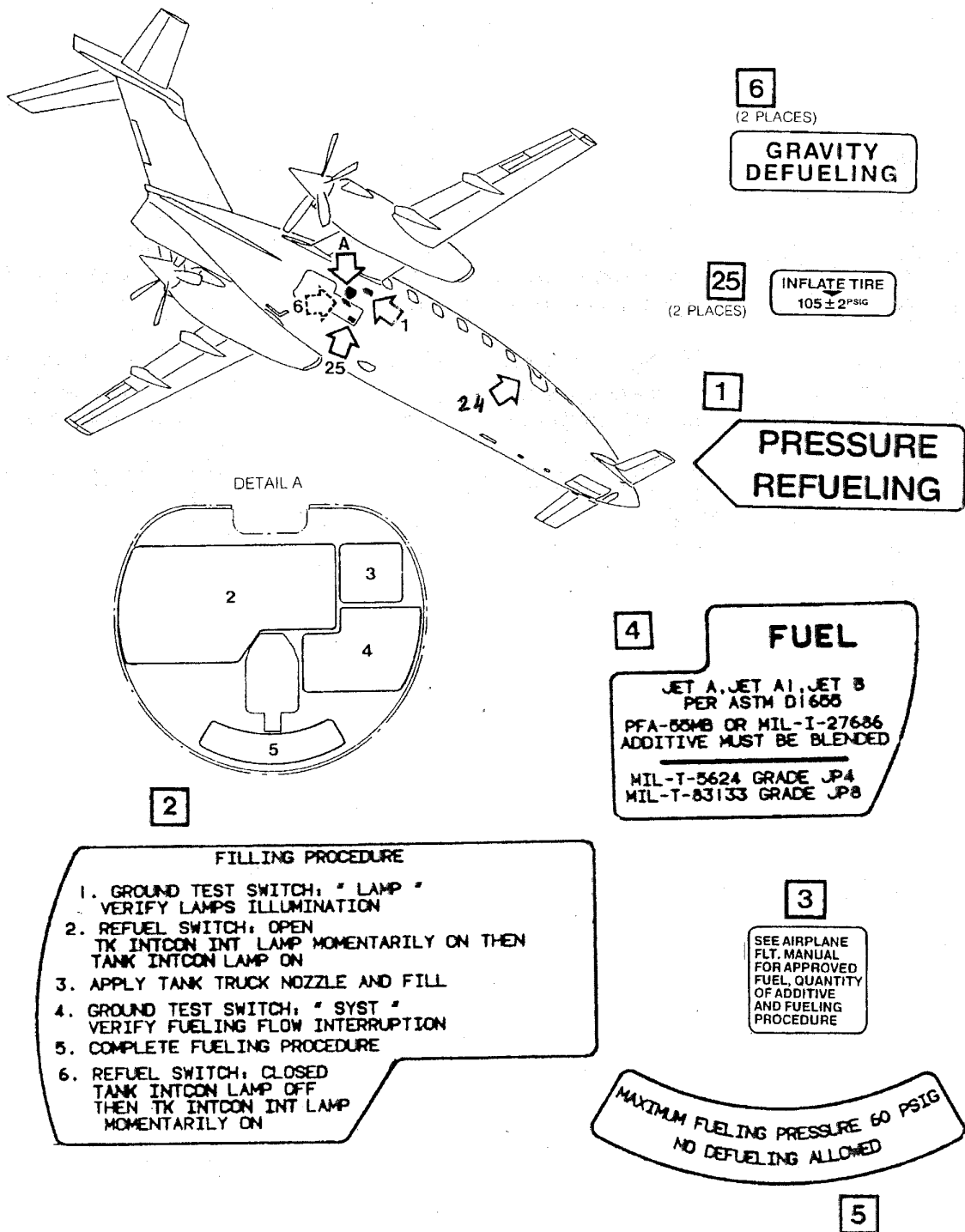


Fig. 201 - (Sheet 1 of 5) - External Placard and Marking Locations

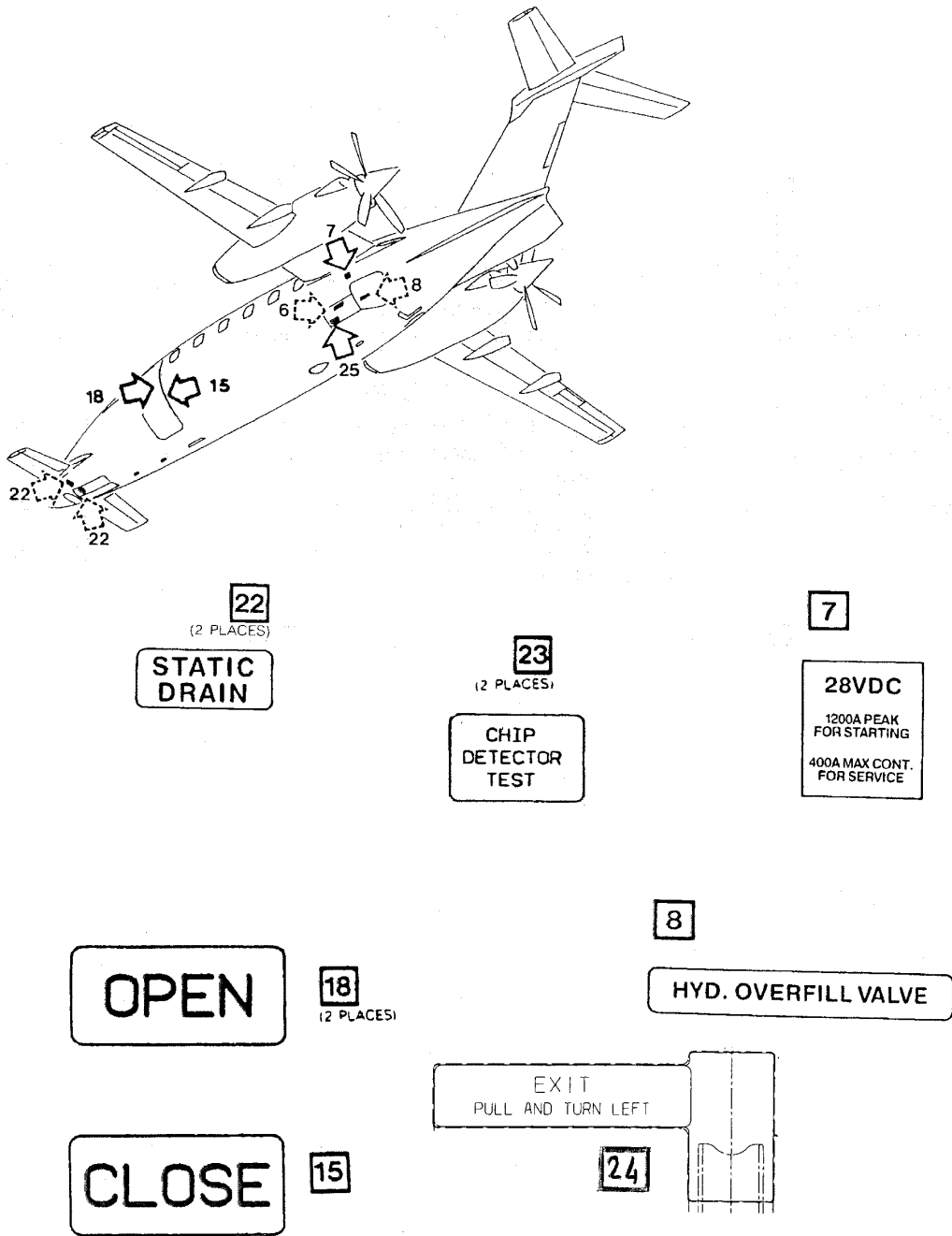
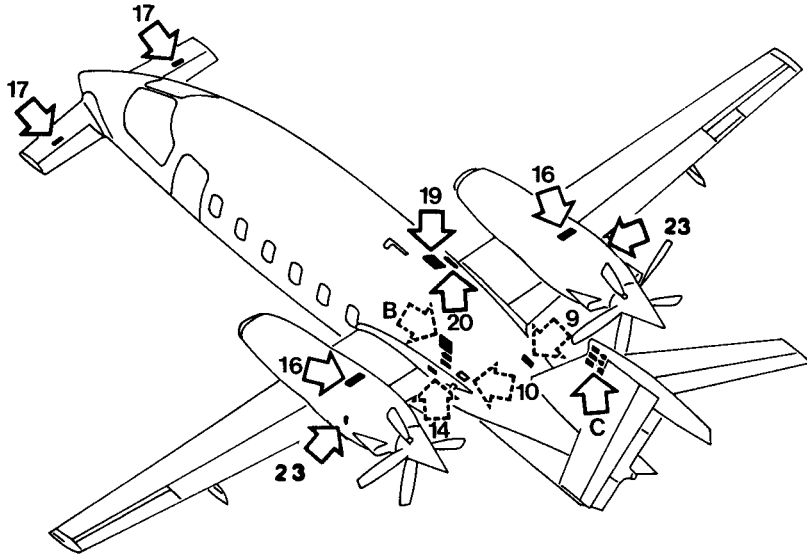
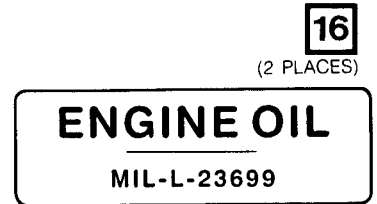
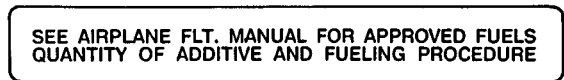
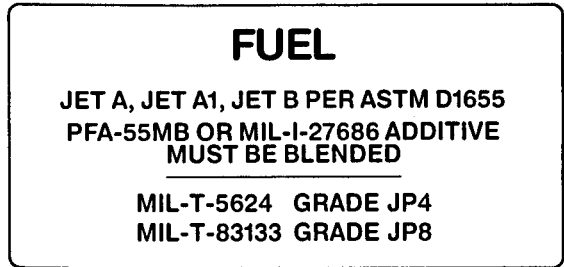
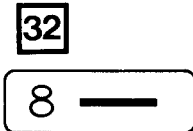
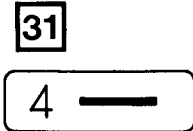
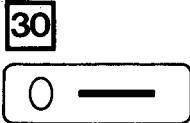


Fig. 201 - (Sheet 2 of 5) - External Placard and Marking Locations





DETAIL C



MM\_112000-201\_3

Fig. 201 - (Sheet 3 of 5) - External Placard and Marking Locations

**17**

(2 PLACES)

**NO STEP**

**10**

**ECS OIL**  
MIL-L-23699  
TANK CAPACITY 53 CC.

1. ECS DRAIN VALVE: OPEN
2. FILL TO OVERFLOW FROM ECS DRAIN VALVE
3. ECS DRAIN VALVE: CLOSE

DETAIL B

**11**

**FILLING INSTRUCTION**

1. OPEN OVERFILLING VALVE ON L.G. BAY
2. REMOVE PLUG FROM FILLING PORT AND CONNECT HOSE FROM HAND PUMP
3. PUMP OIL MIL-H-5606 OR EQUIVALENT TO OVERFLOW FROM OVERFILLING VALVE
4. OIL CAPACITY FROM LOW LEVEL TO MAX LEVEL 200 CC.
5. REMOVE HOSE AND PLUG FILLING PORT
6. CLOSE OVERFILLING VALVE

**13**

**EXTERNAL PRESSURIZATION**

**12**

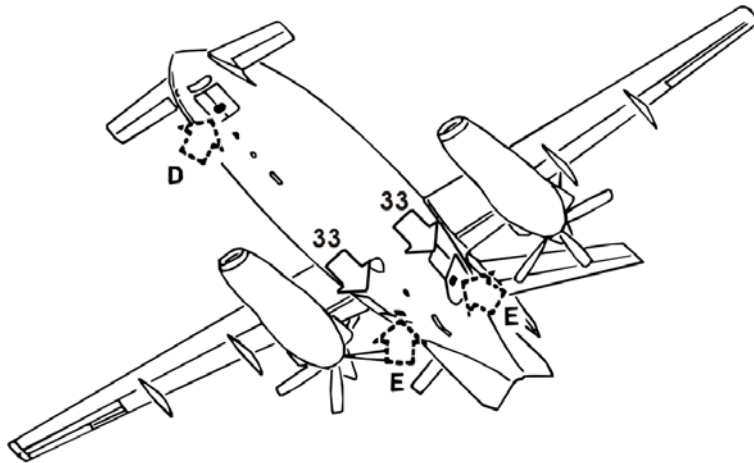
**HYD. OIL FILLING PORT**

**14**

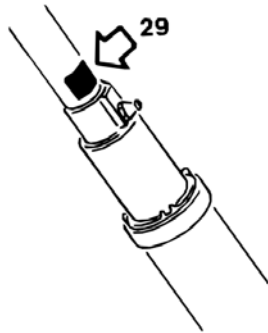
**ECS OIL UNDER  
BAGGAGE FLOOR**

MM\_112000-201\_4

Fig. 201 - (Sheet 4 of 5) - External Placard and Marking Locations



DETAIL E



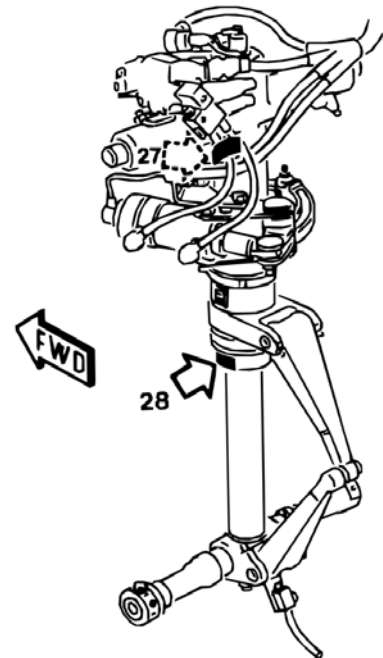
**29**

**SHOCK ABSORBER**  
INFLATE WITH NITROGEN  
TO 1075±20 PSIG  
FOR FILLING INSTRUCTION  
SEE MAINTENANCE MANUAL

**33**

**INFLATE TIRE**  
11 ± 2 PSIG

DETAIL D



**28**

**INFLATE TIRE**  
64 ± 2 PSIG

**27**

**SHOCK ABSORBER**  
INFLATE WITH NITROGEN  
TO 120±10 PSIG  
FOR FILLING INSTRUCTION  
SEE MAINTENANCE MANUAL

Fig. 201 - (Sheet 5 of 5) - External Placard and Marking Locations

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## INTERNAL PLACARDS - MAINTENANCE PRACTICES

### 1. General

A. In this section are shown the internal placards and their locations on the airplane (Ref. to Fig. 201).

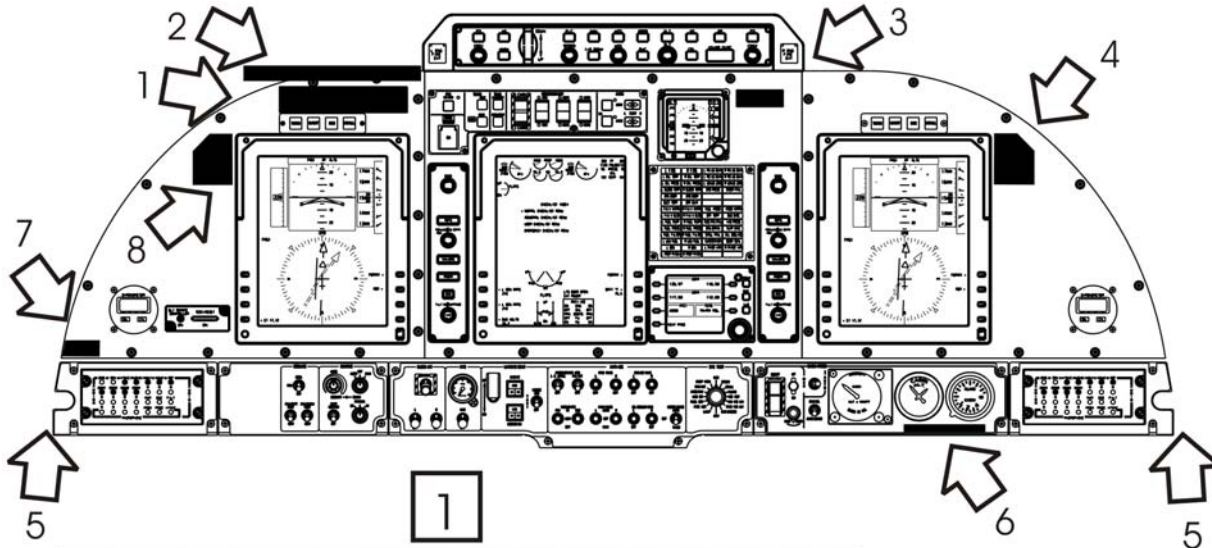
B. Placard - Removal

**NOTE:** It is possible to remove the placards 27, 34 and 26 (Ref. to Fig. 201); all other placards are stencilled.

- (1) Detach the placard from the surface. Use a plastic tool, taking care not to damage the surface.
- (2) Clean the surface with an applicable solvent (Ref. to Chapter 51-00-00).

### 2. Placard - Installation

- (1) Make sure that the surface is clean.
- (2) Attach the new placard on the related surface pressing firmly.



1  
 THE MARKINGS AND PLACARDS INSTALLED IN THIS AIRPLANE CONTAIN OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN THE NORMAL CATEGORY. OTHER OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN THIS CATEGORY ARE CONTAINED IN THE AIRPLANE FLIGHT MANUAL.  
 THIS AIRPLANE IS APPROVED FOR VFR-IFR-DAY AND NIGHT OPERATION AND KNOWN ICING CONDITIONS NO AEROBATIC MANEUVERS, INCLUDING SPINS, APPROVED.

7  
 OPERATION ON UNPAVED  
 RUNWAYS IS PROHIBITED  
 FOR WEIGHTS GREATER THAN  
 MTOW = 5239 KG 11550 LBS  
 MLW = 4965 KG 10945 LBS

5  
**RUDDER  
 PEDAL ADJ**

8  
 MAXIMUM  
 SPEED-KIAS  
 DESIGN MANEUVERING  
 V<sub>A</sub> = 202 AT 12100 LBS  
 V<sub>A</sub> = 177 AT 7700 LBS  
 FLAP OPERATING  
 V<sub>F0</sub> = 170 UP/MID/UP  
 V<sub>F0</sub> = 150 MID/DN/MID  
 FLAP EXTENDED DN V<sub>FE</sub> = 177  
 LDG GEAR OPERAT V<sub>Lo</sub> = 181  
 STEERING V = 60  
 MINIMUM CONTROL V<sub>mc</sub> = 100  
 (ONE ENGINE INOPERATIVE)

2  
 STEEP APPROACH OPERATIONS ARE PROHIBITED FOR MAXIMUM  
 LANDING WEIGHT (MLW) GREATER THAN 10945 LBS (4965 KG)

6  
 AIRCRAFT NOT APPROVED FOR LANDING WHEN PRESSURIZED

3  
 HDG INFORMATION SHOWN ON  
 TO THE INTEGRATED STAND-BY  
 INSTRUMENT MUST BE DISREGARDED  
 BECAUSE NOT RELIABLE

4  
 MAXIMUM  
 SPEED-KIAS  
 DESIGN MANEUVERING  
 V<sub>A</sub> = 202 AT 12100 LBS  
 V<sub>A</sub> = 177 AT 7700 LBS  
 FLAP OPERATING  
 V<sub>F0</sub> = 170 UP/MID/UP  
 V<sub>F0</sub> = 150 MID/DN/MID  
 FLAP EXTENDED DN V<sub>FE</sub> = 177  
 LDG GEAR OPERAT V<sub>Lo</sub> = 181  
 STEERING V = 60  
 MINIMUM CONTROL V<sub>mc</sub> = 100  
 (ONE ENGINE INOPERATIVE)

Fig. 201 - (Sheet 1 of 5) - Internal Placard and Marking Locations

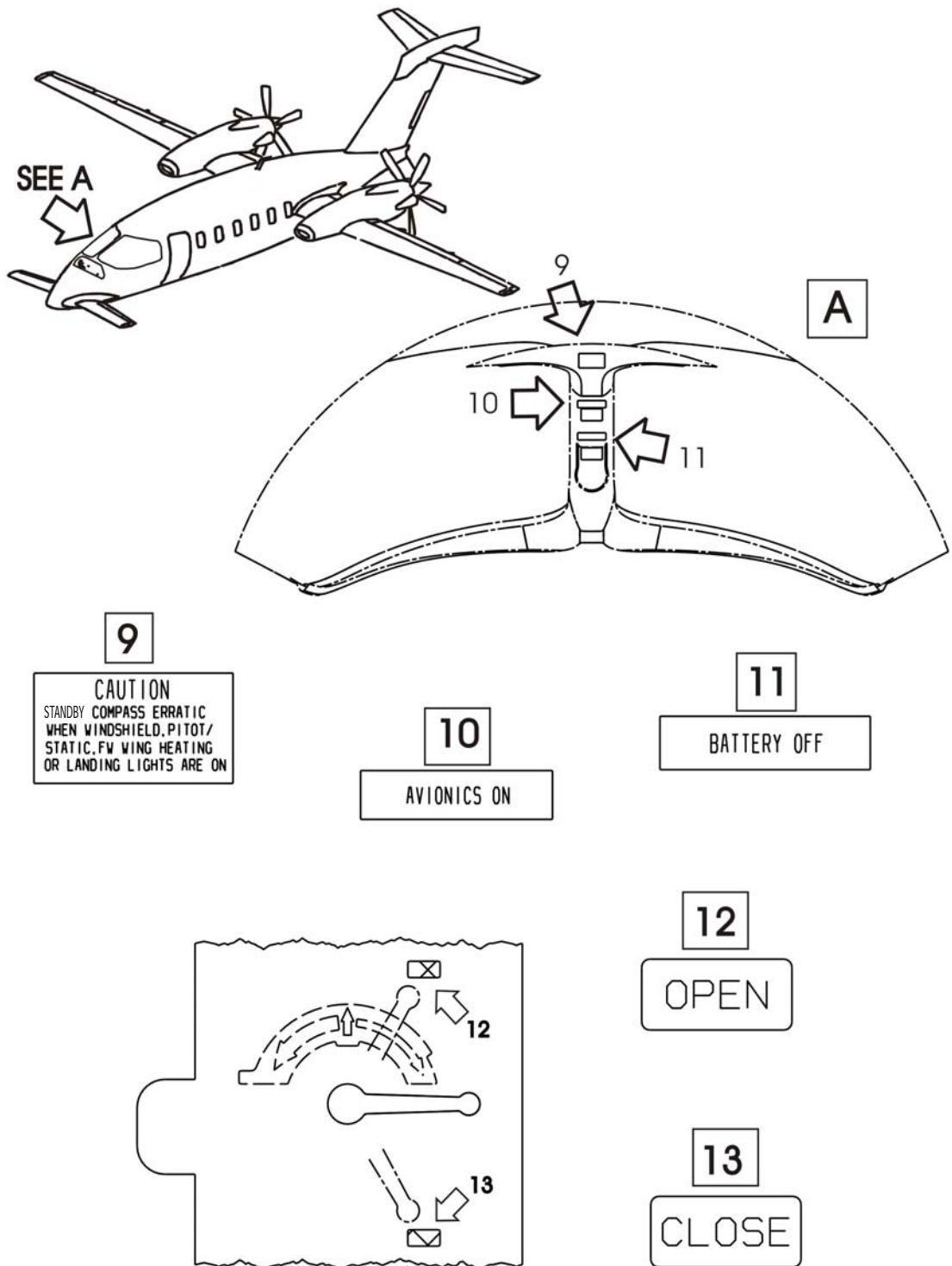


Fig. 201 - (Sheet 2 of 5) - Internal Placard and Marking Locations

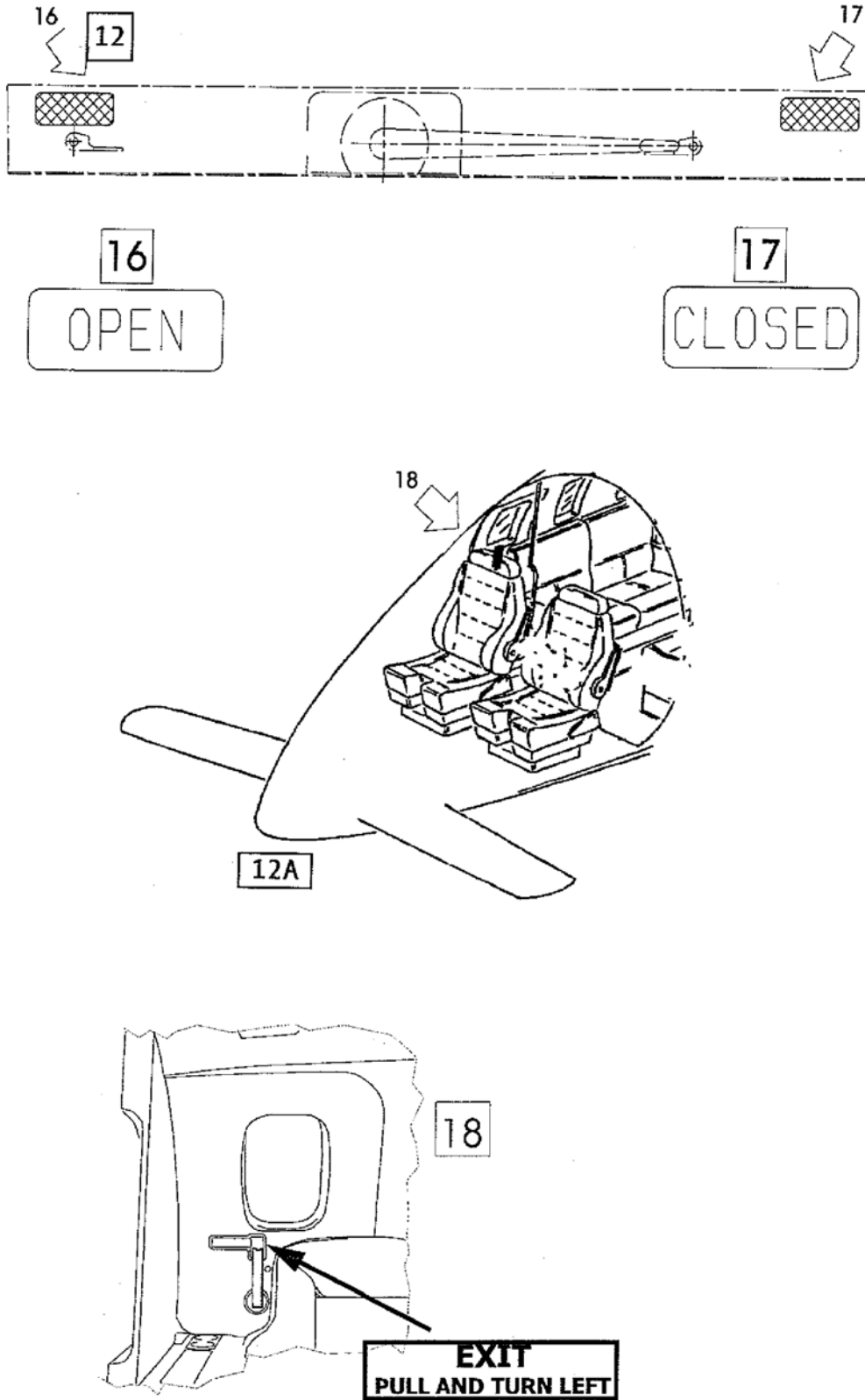


Fig. 201 - (Sheet 3 of 5) - Internal Placard and Marking Locations



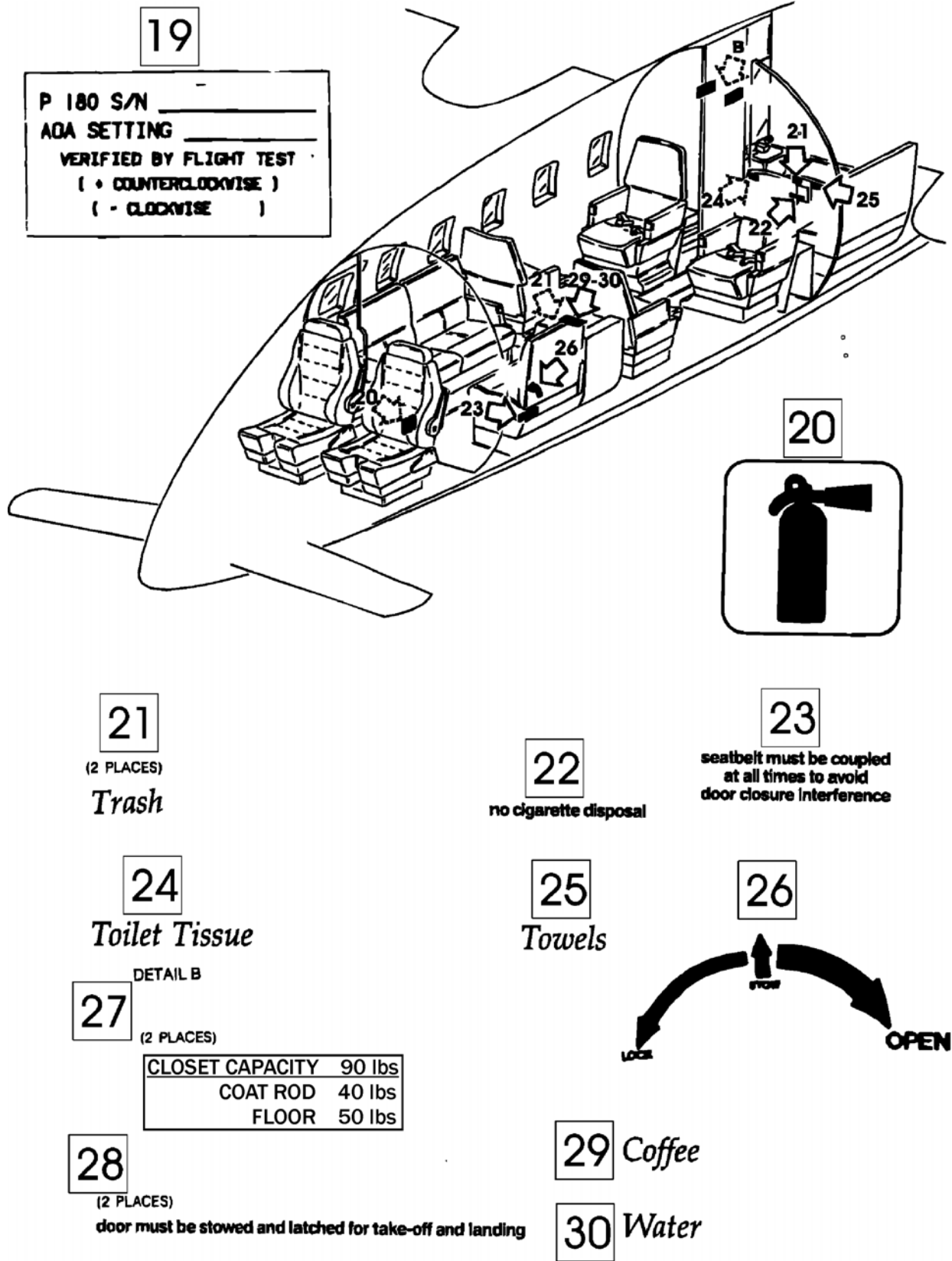


Fig. 201 - (Sheet 4 of 5) - Internal Placard and Marking Locations

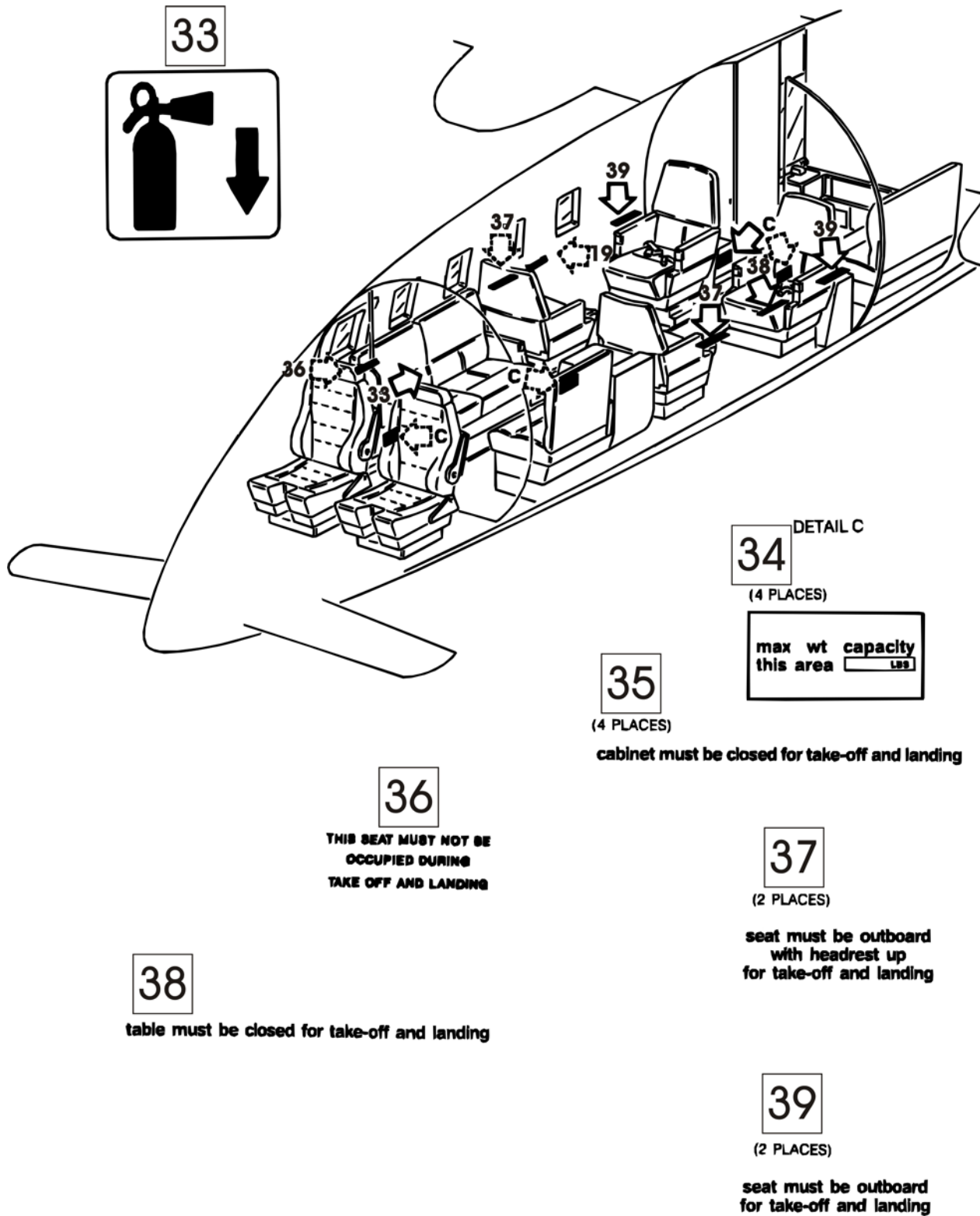


Fig. 201 - (Sheet 5of 5) - Internal Placard and Marking Locations