

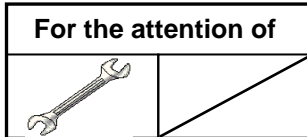
No. EC120-25A031

Civil version(s): B

ALERT SERVICE BULLETIN

CORRECTIVE MEASURE

**EQUIPMENT AND FURNISHINGS - Emergency Floatation Gear
New Emergency Floatation System (EFS) "FLOAT ARM"
push-button location**



Revision No.	Date of issue
Revision 0	2023-10-25

Summary:

The purpose of this ALERT SERVICE BULLETIN is to move the Emergency Floatation System (EFS) "FLOAT ARM" push-button from the Lighting and Ancillaries Control Unit (LACU) to allow the use of the EFS function even if the event of a LACU failure. A route change is also required due to the change location.

Compliance:

It is mandatory to comply with this ALERT SERVICE BULLETIN.

Export Control:

US Export Control - No US content. This Item does not contain any U.S. origin ITAR or EAR content.
FR Export Control - Not Listed. This Item is not listed against the EC regulations in the EU/FR.

No. EC120-25A031

1. PLANNING INFORMATION



MAKE SURE THAT THE MODIFICATIONS RELATED TO THIS ALERT SERVICE BULLETIN AGREE WITH THE HELICOPTER CONFIGURATION AT THIS TIME. IF THE MODIFICATIONS DO NOT AGREE WITH THE HELICOPTER CONFIGURATION:

- **PREPARE THE NECESSARY ADAPTATION WORK.**
- **GET THE APPROVAL BY THE APPLICABLE LOCAL AIR TRANSPORT AUTHORITIES.**
- **COMPLY WITH THE AIRWORTHINESS REQUIREMENTS.**

THIS ALERT SERVICE BULLETIN IS WRITTEN FOR THE INITIAL HELICOPTER CONFIGURATION SPECIFIED IN THIS ALERT SERVICE BULLETIN IT INCLUDES ONLY THE POST-DELIVERY CONFIGURATION CHANGES WHICH ARE KNOWN AND APPROVED BY AIRBUS HELICOPTERS.

1.A. EFFECTIVITY

1.A.1. Helicopters/installed equipment or parts

Helicopters equipped with the Emergency Floatation System and with one of the following configurations:

CONFIGURATION 1

Helicopters with a serial number from 1399:

- Which have not installed the STYLENCE option
- Which have not complied with Service Bulletin No. 31-004.

CONFIGURATION 2

Helicopters with a serial number lower than 1399 and:

- Which have not installed the STYLENCE option
- Which have complied with Service Bulletin No. 31-004.

CONFIGURATION 3

Helicopters which have installed the STYLENCE option:

- With a serial number from 1399

Or

- With a serial number lower than 1399 and which have complied with Service Bulletin No. 31-004.

NOTE 1

You can identify the modification status of the helicopter in the Individual Inspection Log Book.

For helicopters that complied with this ALERT SERVICE BULLETIN No. 25A031, the compliance with ALERT SERVICE BULLETIN No. 05A023 (Inspection of the LACU) is not necessary.

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1.A.2. Non-installed equipment or parts

Push-button reference 045004A111A or reference 304-2500-00.

1.B. ASSOCIATED REQUIREMENTS



BEFORE THE NEXT FLIGHT, MAKE SURE THAT THE FLIGHT MANUAL (FLM) IS AT THE LATEST UPDATE APPROVED BY THE APPLICABLE AUTHORITIES. REFER TO PARAGRAPH [3.D.](#)

1.C. REASON

During a mission on the EC130B4, a malfunction of the LACU was observed which could also lead to the loss of the EFS function.



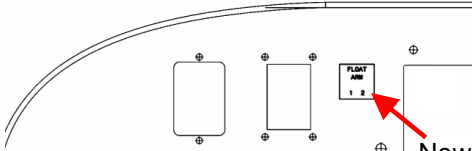
Consequently, the purpose of this ALERT SERVICE BULLETIN is to move the Emergency Floatation System (EFS) "FLOAT ARM" push-button from the LACU to allow the use of the EFS function even if the event of a LACU failure. A route change is also required due to the change location.

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1.D. DESCRIPTION

The goal of this ALERT SERVICE BULLETIN is to:

- Remove the EFS "FLOAT ARM" push-button
- Clean the printed circuit board of the LACU
- Install the EFS "FLOAT ARM" push-button in new location in accordance with the configuration
- Modify the electrical wiring.

PRE MOD	POST MOD – CONFIGURATIONS 1 and 2
 <p data-bbox="671 949 847 1070">Old location of the EFS "FLOAT ARM" push-button</p>	 <p data-bbox="1251 734 1437 855">New location of the EFS "FLOAT ARM" push-button</p>
	<p data-bbox="963 976 1385 1003">POST MOD – CONFIGURATION 3</p>  <p data-bbox="1283 1196 1469 1317">New location of the EFS "FLOAT ARM" push-button</p>

1.E. COMPLIANCE

1.E.1. Compliance at H/C manufacturer level

Not applicable.

1.E.2. Compliance in service

Helicopters/installed equipment or parts:

The work must be performed on the helicopter by the operator.

Paragraphs	CONF 1	CONF 2	CONF 3
3.B.2.a.	X	X	X
3.B.2.b.1.	X		
3.B.2.b.2.		X	
3.B.2.b.3.			X
3.B.2.c.	X	X	X

Comply with paragraph [3.B.](#) of this ALERT SERVICE BULLETIN not more than 36 months after you received this ALERT SERVICE BULLETIN.

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Non-installed equipment or parts:

The operator makes the decision to do the modification to stock related to compliance with this ALERT SERVICE BULLETIN. Refer to paragraph [3.B.](#)

1.F. APPROVAL



The technical content of this document is approved under the authority of the Design Organization Approval ref. EASA. 21J.700.

For helicopters operated outside the terrain regulated by the EASA, the application of this document is subject to validation provided by the responsible aviation authority of the state of registry.

1.G. MANPOWER



Airbus Helicopters recommends that the personnel who will do this ALERT SERVICE BULLETIN have these qualifications:

Qualifications:

- 1 Electrical Technician
- 1 Airframe Technician.



The man-hours are an estimate given for information only and for a standard helicopter configuration.

Estimated man-hours:

- 4 hours for the Electrical Technician
- 5 hours for the Airframe Technician.



The helicopter downtime is an estimate given for information only and for a standard helicopter configuration.

The estimate of the helicopter downtime is two days.

1.H. WEIGHT AND BALANCE



CONFIGURATION 1

Weight: + 0.2 kg

Moment:

- Longitudinal moment: + 0.33 m.kg
- Lateral moment: + 0.18 m.kg

After you complete the work, record the new weights and moments in your applicable document.

CONFIGURATION 2

Weight: + 0.3 kg

Moment:

- Longitudinal moment: + 0.50 m.kg
- Lateral moment: + 0.28 m.kg

After you complete the work, record the new weights and moments in your applicable document.

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CONFIGURATION 3

Weight: + 0.1 kg

Moment:

- Longitudinal moment: + 0.16 m.kg

- Lateral moment: + 0.09 m.kg

After you complete the work, record the new weights and moments in your applicable document.

1.I. POWER CONSUMPTION

Not applicable.

1.J. SOFTWARE UPGRADES/UPDATES

Not applicable.

1.K. REFERENCES

These documents are necessary to comply with this ALERT SERVICE BULLETIN:

Aircraft Maintenance Manual (AMM)

AMM: 20-10-00,3-4: Electrical Bonding - Airframe

AMM: 24-00-00,3-1: General Safety Instructions - Electrical Power Supply System

AMM: 25-67-00,5-1: Functional Tests - Emergency Floatation Gear

AMM: 31-42-00,5-1A: Adjustment and Functional Tests - LACU 911TS08Y

AMM: 31-42-00,5-1B: Adjustment and Functional Tests - LACU 040101AB

AMM: 31-42-00,7-1: Cleaning - Printed circuit board

AMM: 31-42-00,8-2: Replacement - Push-Button

Standard Practices Manual (MTC)

MTC 20-02-04-402: Installation of rivets - retrofitting and repair - Riveting

MTC 20-02-07-401: Electrical bonding procedure - Electrical bonding

MTC 20-03-02-409: Installation of blind rivets ASN-NSA 1919 and 1921 - General rivet replacement principles

MTC 20-04-01-402: Cleaning of removed individual parts with liquids solvents - Cleaning

MTC 20-04-04-401: Preparation of surfaces before painting - Surface treatment before painting

MTC 20-07-02-201: Helicopter parked in a repair shop - Safety instructions

MTC 20-07-03-406: Instructions applicable when working on an aircraft electrical circuit power generating system - Technical instructions

MTC 20-07-03-408: Appearance checks on an aircraft after inspection or repair - Technical instructions

MTC 20-08-05-103: Monitoring of parts in operation – marking – service life customization – General rules applicable to aircraft

MTC 20-80-20-402: Installation / Removal of Cable Ties - Standard Practices - Electrical Power

MTC 20-80-20-437: Operations on Indicator Lights - Standard Practices - Electrical Power

MTC 20-80-20-438: Checking the installation of indicator lights, switches, circuit breakers and potentiometers - Standard Practices - Electrical Power

MTC 20-80-20-449: Protection of electrical wiring during maintenance operations - Standard Practices - Electrical Power

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Information Notice (IN)

IN 3481-I-00: The Marketplace: an AirbusWorld eOrdering service

IN 3686-I-00: Publishing of complementary Instructions for Continued Airworthiness through Delivery Notes

IN 3785-I-00: Introduction of the digital Service Bulletin reporting service SB Insight

Safety Promotion Notice (SPN)

SPN: 3703-P-00: Foreign Object Damage prevention

1.L. OTHER AFFECTED PUBLICATIONS



TO COMPLY WITH THIS ALERT SERVICE BULLETIN, THE OPERATOR MUST MAKE SURE THAT ALL THE MAINTENANCE DOCUMENTS NECESSARY FOR THE MAINTENANCE OF THIS INSTALLATION ARE AVAILABLE. IF THEY ARE NOT AVAILABLE, THE OPERATOR MUST CONTACT AIRBUS HELICOPTERS TO GET THESE DOCUMENTS.

The manuals shown below are updated with the modification:

- Aircraft Maintenance Manual (AMM)
- Flight Manual (FLM)
- Illustrated Part Catalog (IPC)
- System Description Section (SDS)
- Wiring Diagram Manual (WDM).

You will receive the documents to which you subscribe.

The changes to Instructions for Continued Airworthiness (ICA) which are required as a result of this ALERT SERVICE BULLETIN will be incorporated in the next Normal Revision. Refer to DN.008.0023 until the information is available in the published technical documentation.

NOTE 2

You can find more information about Delivery Notes in Information Notice IN 3686-I-00.

1.M. PART INTERCHANGEABILITY OR MIXABILITY

Interchangeability:

The PRE MOD and POST MOD components are not interchangeable.

Mixability:

You must not use the PRE MOD and POST MOD components together.

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2. EQUIPMENT OR PARTS INFORMATION

2.A. EQUIPMENT OR PARTS: PRICE - AVAILABILITY - PROCUREMENT

Price

The Airbus Helicopters Program Department will do the tasks and/or supply the components free of charge.

Availability

Contact the Sales and Customer Relations Department to know the delivery lead times.

Procurement

Send an order for the necessary quantities to the Airbus Helicopters Network Sales and Customer Relations Department:

Airbus Helicopters
Etablissement de Marignane
Direction Ventes et Relations Client
13725 MARGNANE CEDEX
France

In the purchase order, write the information that follows:

- The mode of transport
- The destination
- The serial numbers of the helicopters to change.

Components or kits	CONF 1	CONF 2	CONF 3
054603A	X	X	X
732-8045-01	X	X	X
C120A080340099	X	X	X
C120A080340071	X	X	X
C120A080340171		X	

2.B. LOGISTIC INFORMATION

Not applicable.

2.C. EQUIPMENT OR PARTS REQUIRED PER HELICOPTER/COMPONENT

Components and kits to be ordered for one helicopter or one assembly:

ALL CONFIGURATIONS

Key Word	Qty	New Reference	Item	Former Reference →	Instruction
Obturator	1	054603A	1		
Support	1	732-8045-01	8		
Set of wires and labels	1	C120A080340099	11		

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ALL CONFIGURATIONS

Key Word	Qty	New Reference	Item	Former Reference →	Instruction
<u>EFS "FLOAT ARM" push-button kit</u>		<u>C120A080340071</u>			
(Float switch bracket) shim	1	C256A7911201	2		See NOTE
(Float switch) bracket	1	C256A7909201	3		See NOTE
(Blind) rivet	2	ASNA0078A503	4		See NOTE
(Blind) rivet	1	ASNA0078A502	5		See NOTE
(Float switch bracket) cover	1	C256A7910201	6		See NOTE
(Blind) rivet	8	NAS1398CW3A2	7		See NOTE
Clamp bracket	1	E0607-01	9		See NOTE
(Blind) rivet	3	ASNA0078A402	10		
(Arm float electric) Ramp	1	C256A7908103	12	045004A111A or 304-2500-00	Discard
Push-button	ref	For reference only	12a		
Wire	ref	For reference only	12b		
Clamp	1	E0043-5A0P	13		See NOTE
Contact	10	EN3155-008M2222	14		
Module	1	EN4165A20-221NA	15		
Contact	4	EN3155-015F2018	16		
Contact	10	EN3155-003F2222	17		
Module	1	EN4165A20-221NB	18		

NOTE

Components items (2) to (7), (9) and (13) are not used in this ALERT SERVICE BULLETIN for configuration 3.

CONFIGURATION 2

Key Word	Qty	New Reference	Item	Former Reference →	Instruction
<u>Stiffeners kit</u>		<u>C120A080340171</u>			
Rivet	32	ASNA0078A402	10		
LH Stiffener	1	C531A2109201	19		
RH Stiffener	1	C531A2110201	20		
Reinforcement angle	1	C531A2111201	21		
Rivet	10	ASNA0078A403	22		
Rivet	2	ASNA0078A404	23		
Rivet	2	ASNA0077A402	24		

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Consumables to be ordered separately:

Refer to Work Cards and Tasks indicated in this ALERT SERVICE BULLETIN.

Special tools:

Refer to Work Cards and Tasks indicated in this ALERT SERVICE BULLETIN.

2.D. EQUIPMENT OR PARTS TO BE RETURNED

Not applicable.

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3. ACCOMPLISHMENT INSTRUCTIONS

3.A. GENERAL

- Comply with the electrical bonding of the airframe. Refer to Task 20-10-00,3-4 (AMM).
- Comply with the general safety instructions of electrical power supply system. Refer to Task 24-00-00,3-1 (AMM).
- Comply with the cleaning in working areas. Refer to Work Card 20-02-04-402 (MTC).
- Comply with the electrical bonding procedure. Refer to Work Card 20-02-07-401 (MTC).
- Comply with the installation of blind rivet. Refer to Work Card 20-03-02-409 (MTC).
- Comply with the cleaning of removed individual parts with liquid solvents. Refer to Work Card 20-04-01-402 (MTC).
- Comply with the safety instructions of the helicopter parked in a repair shop. Refer to Work Card 20-07-02-201 (MTC).
- Comply with the instructions when electrical power generating system. Refer to Work Card 20-07-03-406 (MTC).
- Comply with the checks on aircraft after inspection or repair. Refer to Work Card 20-07-03-408 (MTC).
- Comply with the instructions about the installation / removal of cable ties. Refer to Work Card 20-80-20-402 (MTC).
- Comply with the instructions about the operations on indicator lights. Refer to Work Card 20-80-20-437 (MTC).
- Comply with the instructions about the installation of indicator lights, switches, circuit breakers and potentiometers. Refer to Work Card 20-80-20-438 (MTC).
- Comply with the instructions about the protection of electrical wiring during maintenance operations. Refer to Work Card 20-80-20-449 (MTC).

3.B. WORK STEPS



CAUTION

MAKE SURE THAT YOU PREVENT ALL POSSIBLE FOREIGN OBJECTS DAMAGE (FOD). REFER TO SAFETY PROMOTION NOTICE (SPN) No. 3703-P-00.

3.B.1. Preliminary steps

- Park the helicopter in a maintenance hangar.
- Disconnect all the electrical power supplies.
- Install the appropriate access equipment.
- Remove and/or open all the cowlings, panels, doors and all the equipment items to get access to the different work areas.

3.B.2. Procedure

NOTE 1

Cutouts and drillings: Work Card 20-04-04-401 (MTC) gives information on deburring and protection.

3.B.2.a. Removal of the EFS "FLOAT ARM" push-button - **ALL CONFIGURATIONS** ([Figure 1](#))

- Remove the EFS "FLOAT ARM" push-button (a) from the control unit (b) (Detail A). Refer to Task 31-42-00, 8-2 (AMM).
- Discard the EFS "FLOAT ARM" push-button (a).

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- Clean the printed circuit board of the LACU. Refer to Task 31-42-00,7-1 (AMM).
- Install the obturator (1) on the control unit (b). Refer to Task 31-42-00, 8-2 (AMM).
- Make sure that all the push-buttons are correctly positioned.

3.B.2.b. Modification of the EFS "FLOAT ARM" push-button location

3.B.2.b.1. Modification of the push-button location under the instrument panel - **CONFIGURATION 1** ([Figure 2](#) and [Figure 3](#))

On the console (d)

- Remove the rivets (c) ([Figure 2](#), SECTION A-A).
- Put in position the shim (2) and the bracket (3).
- Counter-drill the holes (A) to match with the bracket (3) to a diameter of 2.6 mm ([Figure 2](#), Detail C).
- Drill the hole (B) in accordance with the dimensions to a diameter of 3.3 mm.
- Drill the holes (C) in accordance with the dimensions to a diameter of 3.3 mm ([Figure 3](#), Detail D).

NOTE 2

The length of 10 mm for the hole (C) is an advised length, the minimum length adjusted with environment is 7 mm.

- Deburr the holes (A), (B) and (C) and clean the work area.
- Install the shim (2) with the rivets (5) ([Figure 2](#), SECTION A-A).
- Install the bracket (3) with the rivets (4).
- Install the cover (6) on the bracket (3) with the rivets (7) (Detail B and SECTION B-B).
- Bond the label "20GR" from the set of wires and labels (11) inside the bracket (3) (not shown).
- Install the push-button (12a) of the ramp (12) on the bracket (3) ([Figure 2](#), Detail B).
- Install the support (8) ([Figure 3](#), Detail E) and the clamp bracket (9) (Detail F) with the rivets (10).
- Do the electrical bonding on the bonding areas.

3.B.2.b.2. Modification of the push-button location under the instrument panel - **CONFIGURATION 2** ([Figure 2](#), [Figure 3](#) and [Figure 7](#))

On the console (d)

- Remove the rivets (c) ([Figure 2](#), SECTION A-A).
- Remove the rivets (e) ([Figure 7](#), Detail A).

Only the LH side is given. Do the same procedure for the RH side with the RH stiffener (20).

- Do the cut-out (G) on the console (d) in accordance with the dimensions ([Figure 7](#), SECTION B-B).
- Put in position the LH stiffener (19) to match with the console (d) (Detail A).
- Counter-drill the stiffener (19) to match the holes (F) and (J) of the console (d) to a diameter of 3.3 mm.
- Put in position the reinforcement angle (21) on the console (d) (SECTION A-A).
- Drill the holes (E) (SECTION A-A) and the holes (H) (Detail B) on the reinforcement angle (21) to a diameter of 3.3 mm.

NOTE 3

If necessary, the rivet (g) can be replace by the rivet (24) ([Figure 7](#), Detail A).

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- Deburr the holes (E), (F), (H) and (J) and clean the work area.

NOTE 4

The front rivet (23) is not installed on the RH stiffener (20). It is installed in the same time of the bracket (3) ([Figure 2](#)).

- Do the electrical bonding of the holes of the rivets (10), (22) and (23).
- Install the LH stiffener (19) and the reinforcement angle (21) with the rivets (10), (22) and (23).
- Put in position the shim (2) and the bracket (3) ([Figure 2](#), SECTION A-A).
- Counter-drill the holes (A) to match with the bracket (3) to a diameter of 2.6 mm ([Figure 2](#), Detail C).
- Drill the hole (B) in accordance with the dimensions to a diameter of 3.3 mm.
- Drill the holes (C) in accordance with the dimensions to a diameter of 3.3 mm ([Figure 3](#), Detail D).

NOTE 5

The length of 10 mm for the hole (C) is an advised length, the minimum length adjusted with environment is 7 mm.

- Deburr the holes (A), (B) and (C) and clean the work area.
- Install the shim (2) with the rivets (5) ([Figure 2](#), SECTION A-A).
- Install the bracket (3) with the rivets (4).
- Install the cover (6) on the bracket (3) with the rivets (7) (Detail B and SECTION B-B).
- Bond the label "20GR" from the set of wires and labels (11) inside the bracket (3) (not shown).
- Install the push-button (12a) of the ramp (12) on the bracket (3) ([Figure 2](#), Detail B).
- Install the support (8) ([Figure 3](#), Detail E) and the clamp bracket (9) (Detail F) with the rivets (10).
- Do the electrical bonding on the bonding areas.

3.B.2.b.3. Modification of the push-button location on the instrument panel - **CONFIGURATION 3** ([Figure 3](#) and [Figure 6](#))

On the instrument panel (f)

- Do the cut-out (D) and deburr in accordance with the dimensions ([Figure 6](#), Detail B).
- Install the push-button (12a) of the ramp (12) on the instrument panel (f).
- Bond the label "20GR" from the set of wires and labels (11) as near as possible to the push-button (12a) on the back of the instrument panel (f) (not shown).
- Drill the holes (C) in accordance with the dimensions to a diameter of 3.3 mm ([Figure 3](#), Detail D).
- Deburr the holes (C) and clean the work area.

NOTE 6

The length of 10 mm for the hole (C) is an advised length, the minimum length adjusted with environment is 7 mm.

- Install the support (8) ([Figure 3](#), Detail E) and the clamp bracket (9) (Detail F) with the rivets (10).
- Do the electrical bonding on the bonding areas.

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3.B.2.c. Modification of the electrical wiring ([Figure 3](#), [Figure 4](#) and [Figure 5](#))

CONFIGURATIONS 1 AND 2

- Route the wire (12b) from the support (8) through the clamp bracket (9) with the clamps (13) ([Figure 3](#), Detail F).

CONFIGURATION 3

- Route the wire (12b) (not shown) from the back of the instrument panel to the support (8).

ALL CONFIGURATIONS

- Cut to the required length and connect the wire (12b) with ([Figure 4](#) and [Figure 5](#)):
 - . The contacts (14)
 - . The module (15).
- Modify the electrical wiring with:
 - . The wires "2567-0109", "2567-0092", "2567-0093" and "2567-0090" from the set of wires and labels (11)
 - . The contacts (16) and (17)
 - . The module (18).
- Do a continuity test on the installed wires.

3.B.3. Tests

- Set the helicopter to test condition.
- Connect all the electrical power supplies.
- Do a functional test of the LACU. Refer to Task 31-42-00,5-1A or 31-42-00,5-1B (AMM).
- Do a functional test of the EFS. Refer to Task 25-67-00, 5-1 (AMM), and do troubleshooting if necessary.

3.B.4. Final steps

- Clean and apply the close-up procedure to the work areas and the helicopter.
- Install or close all cowlings, panels, doors and items of equipment that you removed and/or opened during the preliminary steps (refer to paragraph [3.B.1.](#)).
- Remove the access equipment.
- Set the helicopter to flight condition.

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3.C. RECORD OF COMPLIANCE

Compliance with this document:

Record the full compliance with this ALERT SERVICE BULLETIN, with the revision number, in the helicopter documents.

Record the full compliance with this ALERT SERVICE BULLETIN (see IN 3785-I-00 for instructions):



NOTE 7

The recording of compliance with ALERT SERVICE BULLETIN in the SB Insight tool does not replace the recording in the helicopter documents.

[SB EC120-25A031](#)

3.D. OPERATING AND MAINTENANCE INSTRUCTIONS

Operating instructions:



CAUTION

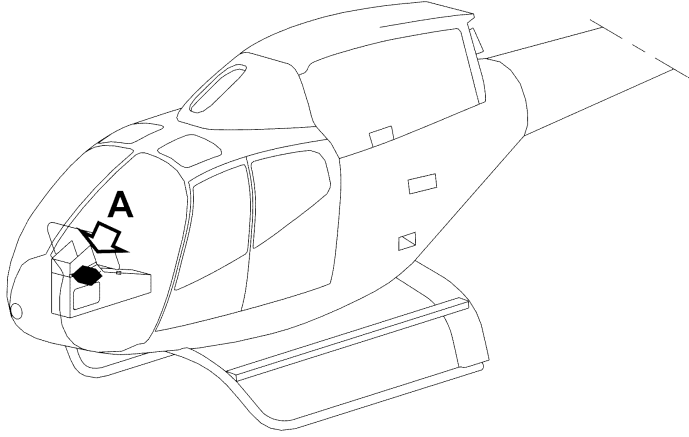
BEFORE THE NEXT FLIGHT, MAKE SURE THAT YOUR FLIGHT MANUAL (FLM) IS AT THE LATEST UPDATE APPROVED BY THE APPLICABLE AUTHORITIES.

Refer to Flight Manual (FLM).

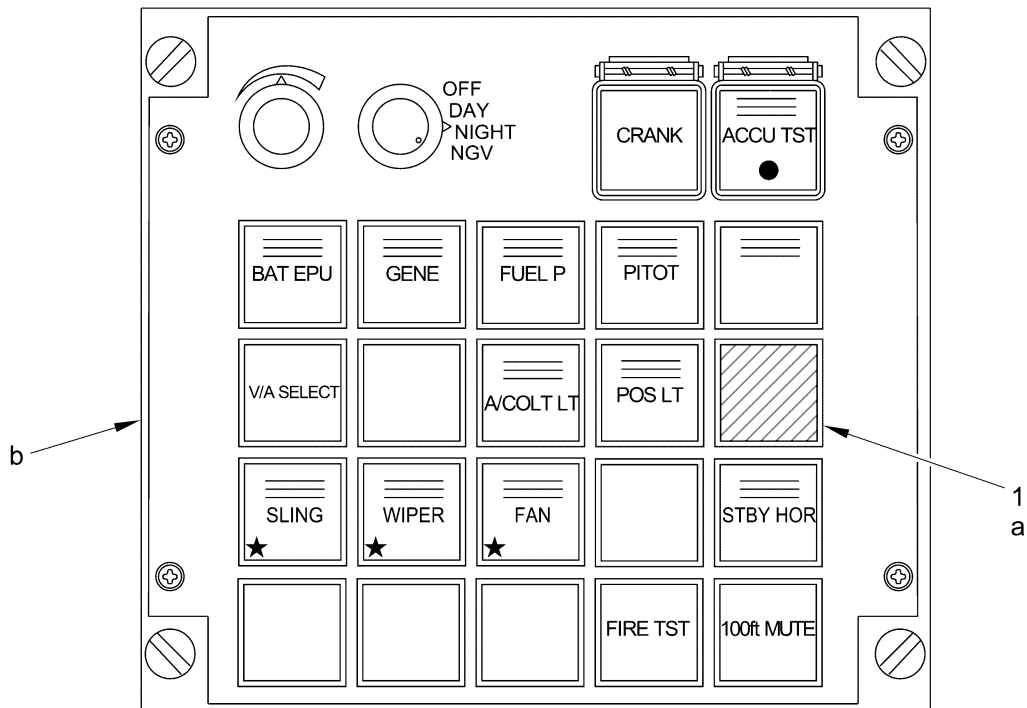
Maintenance instructions:

Refer to the applicable technical publication.

ALL CONFIGURATIONS



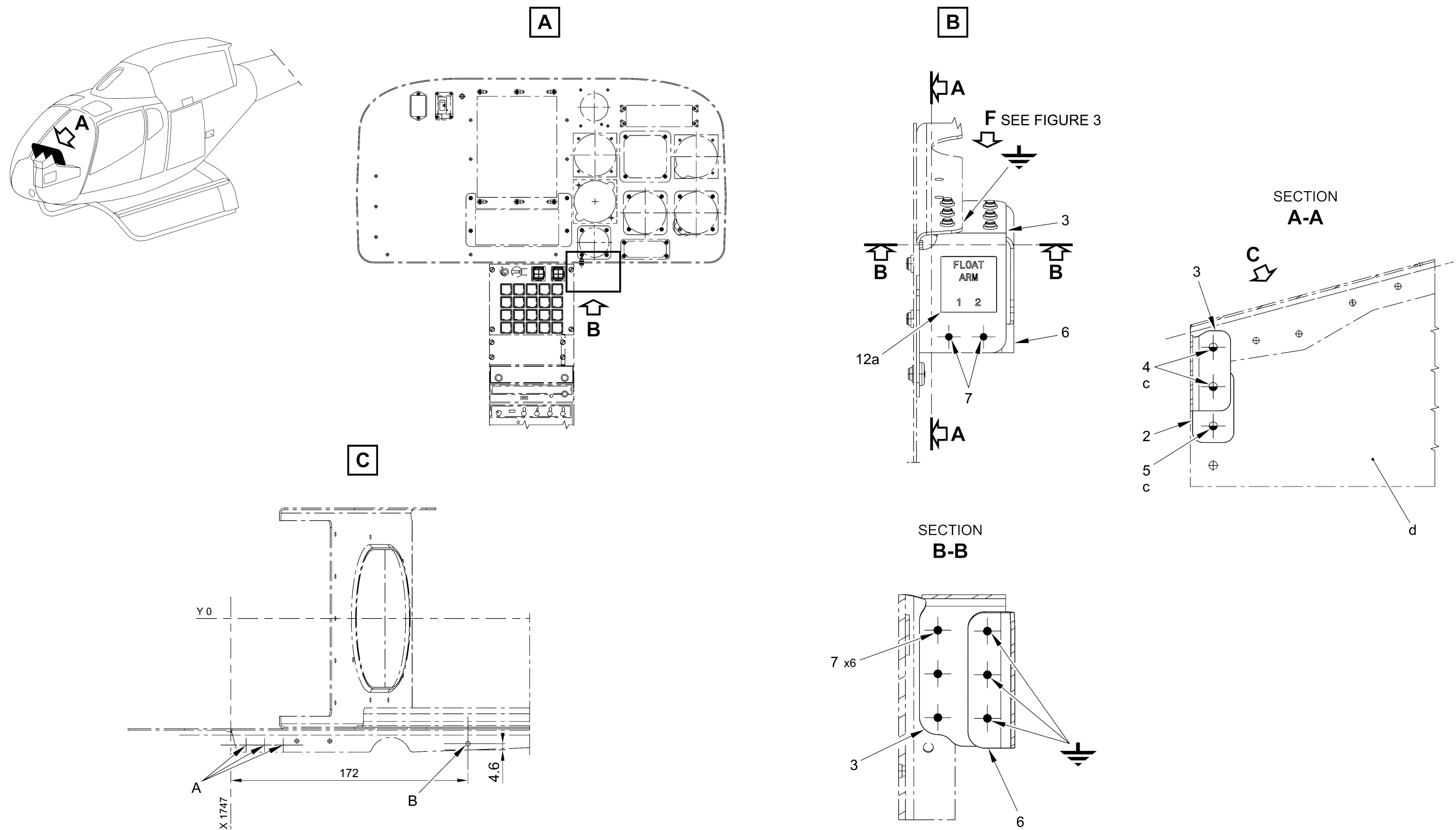
A



Back to paragraph [3.B.2.a.](#)

Figure 1

CONFIGURATIONS 1 AND 2

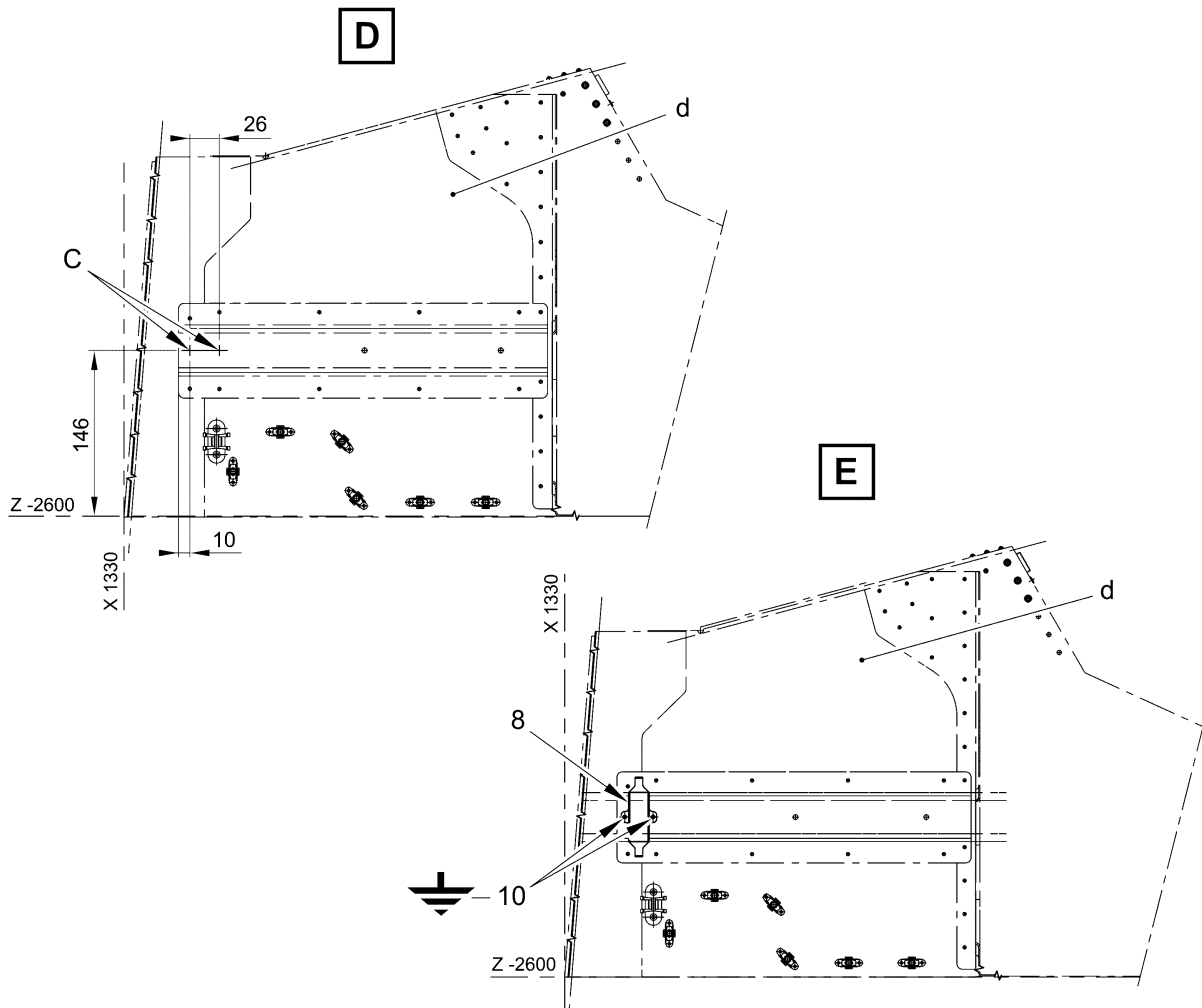


Back to paragraphs [3.B.2.b.1.](#) and [3.B.2.b.2.](#)

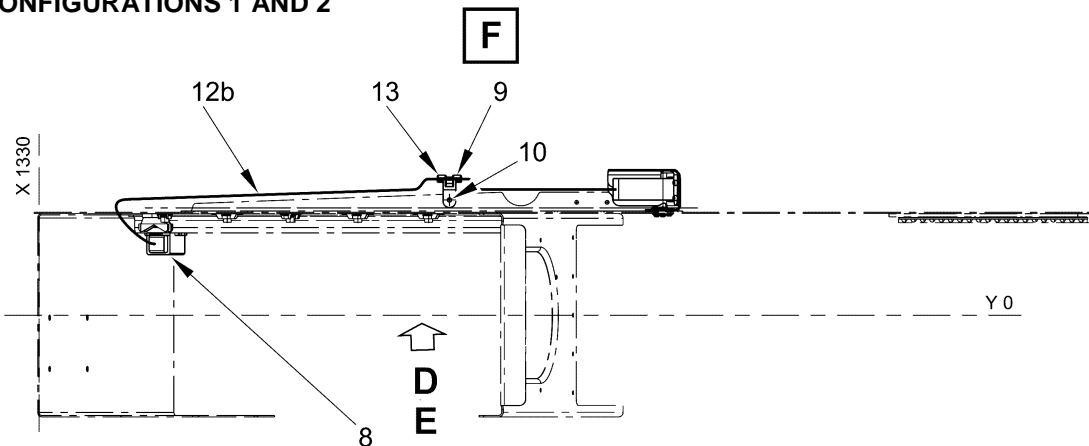
Figure 2

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ALL CONFIGURATIONS



CONFIGURATIONS 1 AND 2



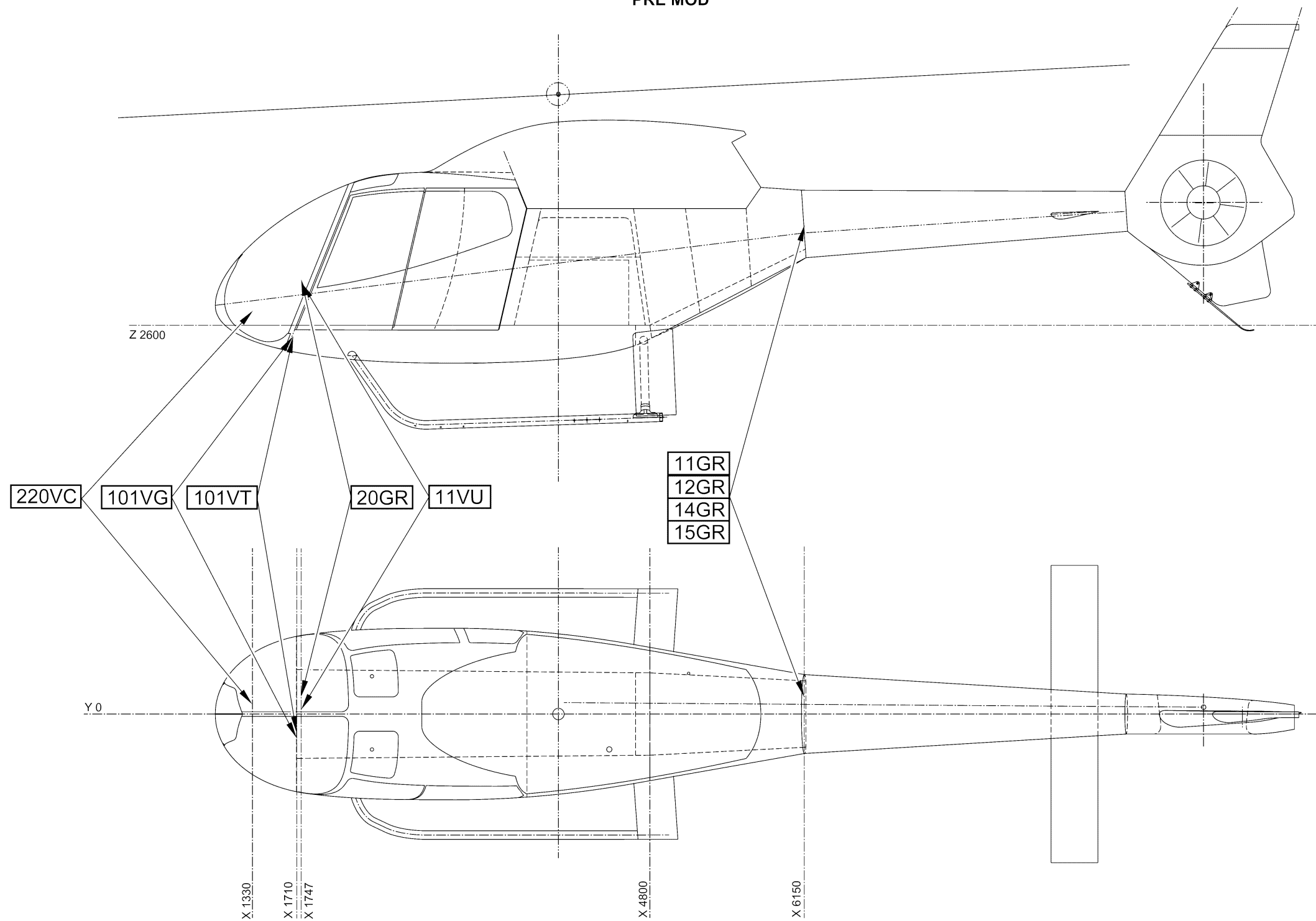
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Figure 3

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ALL CONFIGURATIONS

PRE MOD



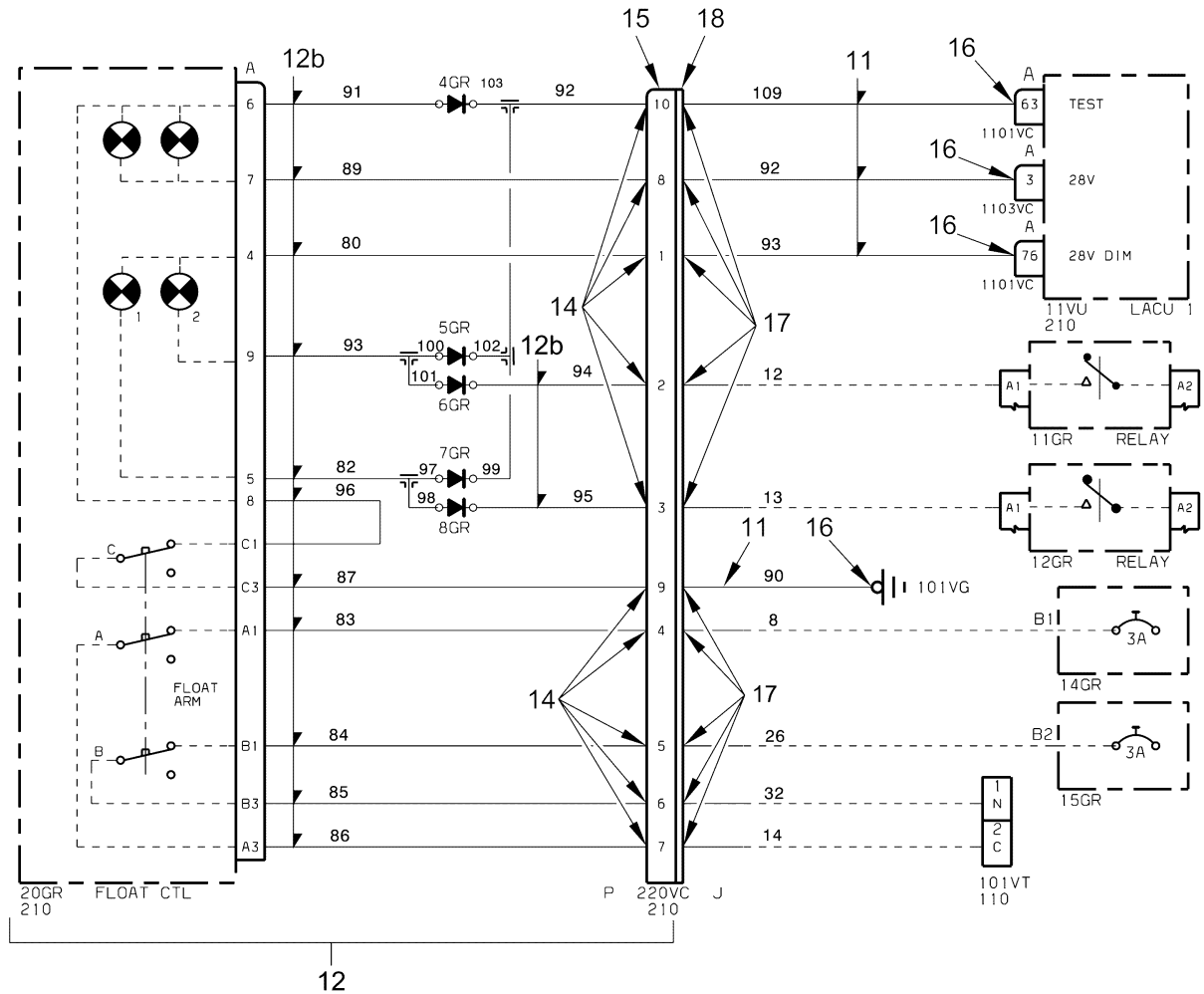
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Figure 4

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ALL CONFIGURATIONS

POST MOD



NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRES
IDENTIFICATION WITH ATA 2567
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE DR24

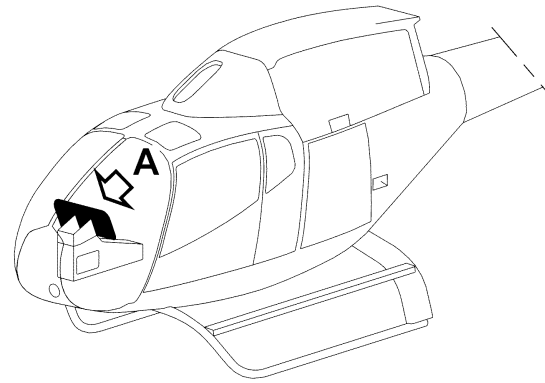
Back to paragraph [3.B.2.c.](#)

Figure 5

No. EC120-25A031

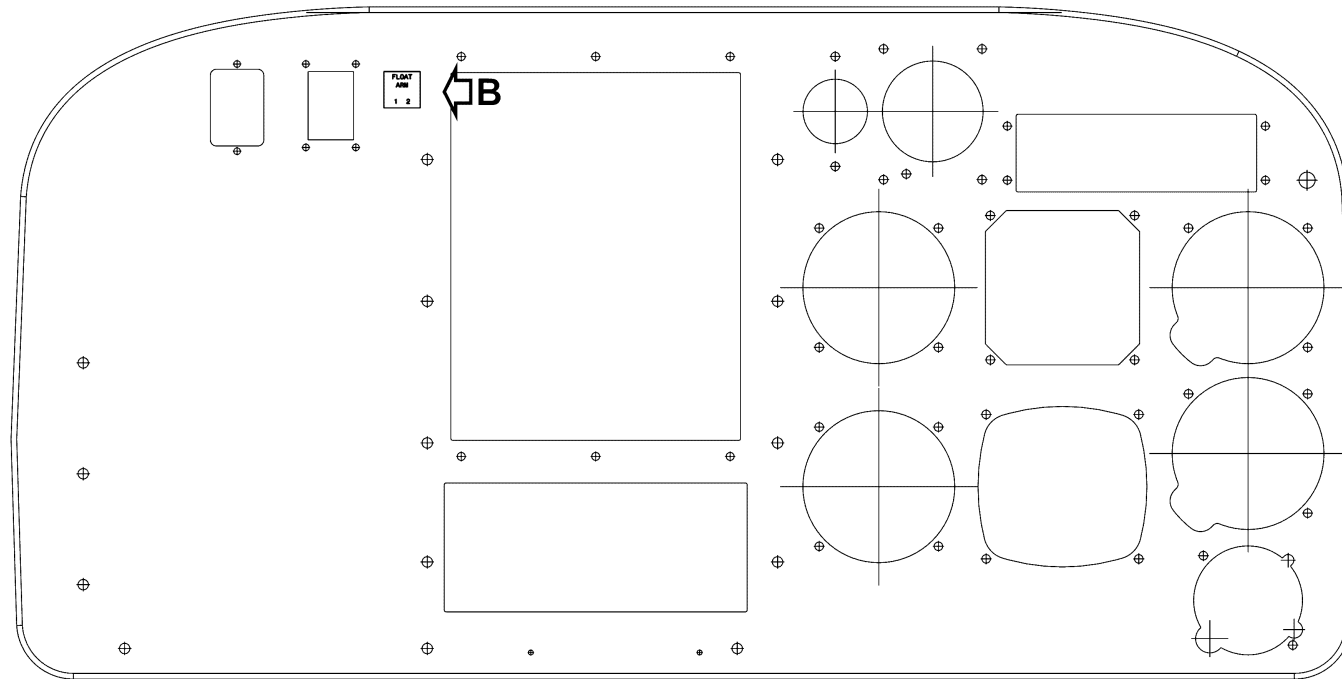
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CONFIGURATION 3

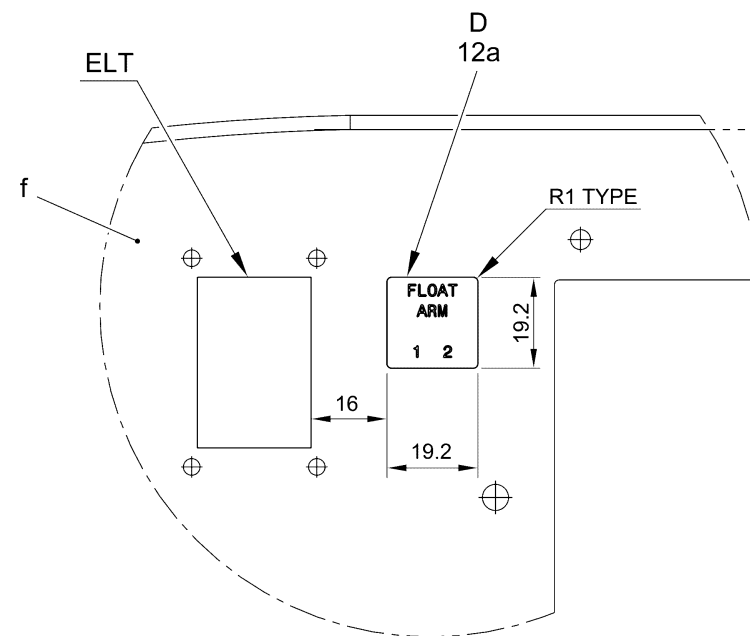


A

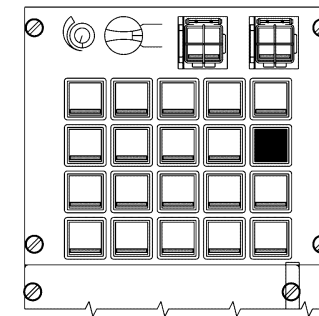
NON REPRESENTATIVE INSTRUMENT PANEL



B



D



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Figure 6

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CONFIGURATION 2

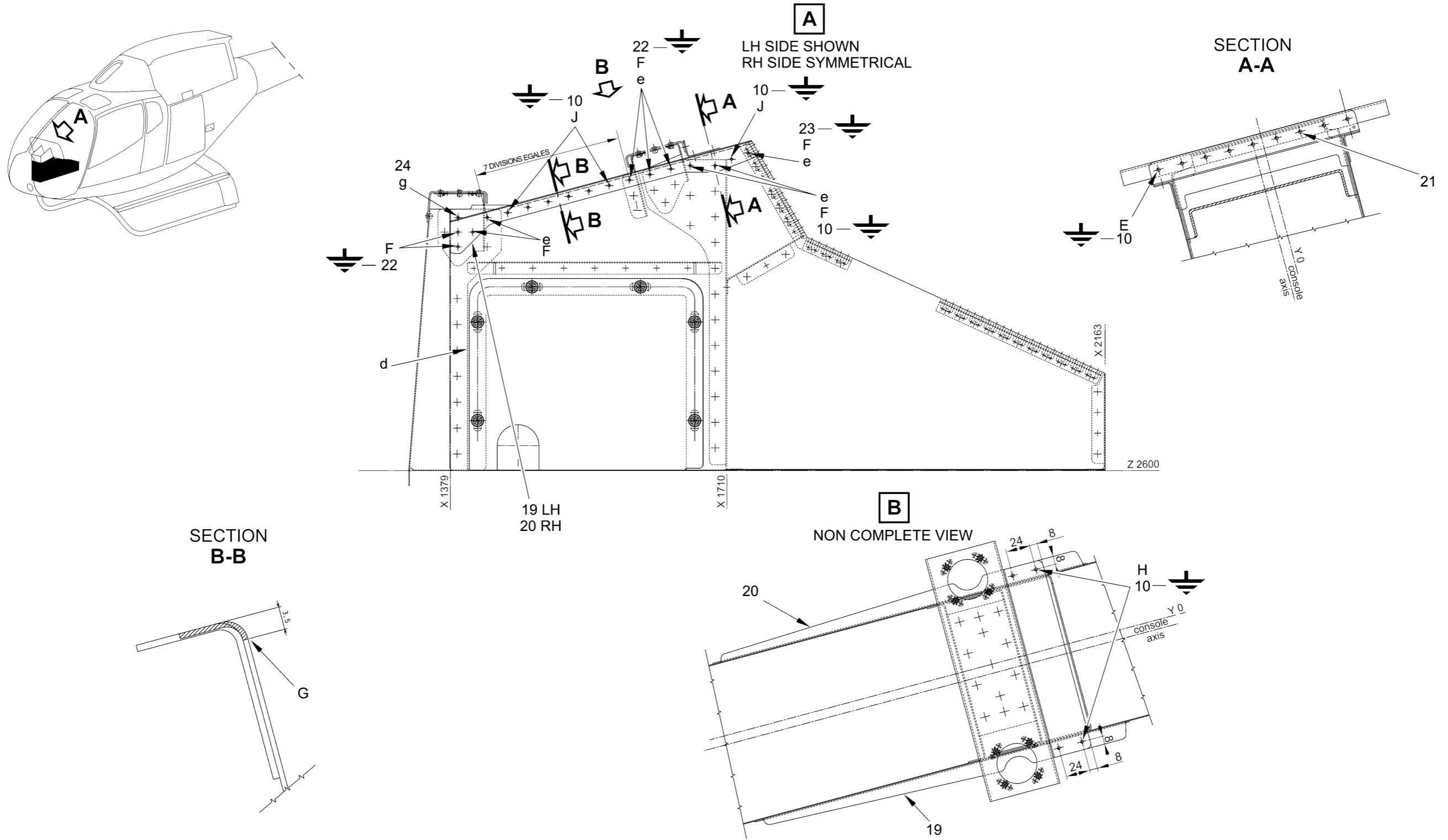


Figure 7

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