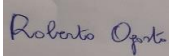


DOCUMENT No. THSS-MULG0205M013 Iss. A

TITLE **FLASH HW Components Use & Maintenance Manual**

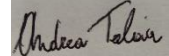
COMPILED

| | | | |
|---|--------------|--------------|--------------|
|  | | | |
| Roberto Agosto | | | |
| Dep. / Area: SL&SS / DVP | Dep. / Area: | Dep. / Area: | Dep. / Area: |
| Date: 12/01/2022 | Date: | Date: | Date: |

VERIFIED

| | | | |
|--------------|--------------|--------------|--------------|
| | | | |
| | | | |
| Dep. / Area: | Dep. / Area: | Dep. / Area: | Dep. / Area: |
| Date: | Date: | Date: | Date: |

AREA APPROVAL

| | | | |
|---|--------------|--------------|--------------|
|  | | | |
| Andrea Talaia | | | |
| Dep. / Area: SL&SS / DVP | Dep. / Area: | Dep. / Area: | Dep. / Area: |
| Date: 17/01/2022 | Date: | Date: | Date: |

AUTHORIZATION

| |
|--------------------------|
| |
| Valerio Prece |
| Dep. / Area: SL&SS / DVP |
| Date: |

Export Classification

N/A

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice



| |
|------------------------------|
| <i>Export Classification</i> |
| N/A |

REVISION HISTORY

| ISSUE | CHANGE DESCRIPTION | ISSUE DATE |
|---|--------------------|------------------------|
| <p style="text-align: center;">A</p> <p>No. Pages 23</p> | <p>First Issue</p> | <p>AUTHORIZED DATE</p> |
| | | |
| | | |
| | | |
| | | |

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| Export Classification |
| N/A |

DISTRIBUTION LIST

| LH DEPT. REPRESENTATIVE/ EXTERNAL COMPANY | NOTES | No. COPIES |
|--|-----------------|---------------|
| LH THSS | Electronic copy | 1 |
| LH CUSTOMER SUPPORT & SERVICE | Electronic copy | 1 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| <i>Export Classification</i> |
| N/A |

TABLES OF CONTENTS

1 SCOPE6

2 APPLICABILITY7

3 REFERENCED DOCUMENTS8

 3.1 Contract Documents8

 3.2 Applicable Documents.....8

 3.3 Other Documents and Standards.....8

4 ACRONYMS AND DEFINITIONS9

 4.1 Acronyms.....9

 4.2 Definitions.....9

5 DESCRIPTION.....10

 5.1 TOP ASSEMBLY DRAWINGS10

 5.2 IDENTIFICATION.....11

 5.3 OVERALL DIMENSION12

 5.4 WEIGHT.....12

 5.5 MAIN PARTS13

 5.5.1 Harnesses14

 5.5.2 Hardware Tools14

 5.5.3 Software Media15

 5.5.4 Transportation Tool16

 5.6 MAIN FEATURE DESCRIPTION18

6 SAFETY NOTES.....19

 6.1 Warnings and Recommended Behavior19

 6.2 Residual Hazards19

7 STORAGE20

 7.1 LUBRIFICATION BEFORE STORAGE20

 7.2 STORAGE CONFIGURATION.....20

8 MAINTENANCE.....21

 8.1 CLEANING21

 8.1.1 SPECIAL TOOLS, FIXTURE AND EQUIPMENT.....21

 8.1.2 PART REQUIREMENTS.....21

 8.1.3 MANUAL CLEANING21

 8.2 CHECKS.....22

 8.2.1 SPECIAL TOOLS, FIXTURE AND EQUIPMENT.....22

 8.2.2 VISUAL EXAMINATION22

 8.3 REPLACEMENT23

9 CALIBRATION.....23

10 SPARE PARTS23

11 CE MARKING.....23

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| Export Classification |
| N/A |

LIST OF FIGURES

Figure 1 – FLASH Product Tree 10

Figure 2 – FLASH identification tag Allocation 11

Figure 3 – FLASH identification tag Prototype 11

Figure 4 – FLASH Hardware Kit 13

Figure 5 – FLASH Tool CDs 15

Figure 6 – FLASH Tool kit case 16

Figure 7 – FLASH Tool kit Case – PANEL 01 and PANEL 02 17

LIST OF TABLES

Table 1 – FLASH P/N Applicability 7

Table 2 – Applicable documents 8

Table 3 – Acronyms 9

Table 4 – Case dimensions 12

Table 5 – Case Weight and Floatability 12

Table 6 – Harnesses Cables 14

Table 7 – HW Tools 14

Table 8 – Case materials 16

Table 9 – Thermal capability 16

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|-------------------------------------|
| <i>Export Classification</i> |
| N/A |

1 SCOPE

This document provides all information regarding the hardware components that are used for a correct operation of FLASH SW Tool

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| Export Classification |
| N/A |

2 APPLICABILITY

Table 1 is reporting the current handled applicable FLASH assy P/N.

Table 1 – FLASH P/N Applicability

| FLASH ASSY P/N |
|-----------------------|
| TA00AWHL-FLASH-ACB |



Export Classification

N/A

3 REFERENCED DOCUMENTS

3.1 CONTRACT DOCUMENTS

N/A

3.2 APPLICABLE DOCUMENTS

Applicable documents are reported in the table below:

| Ref. | Title | Number | Issue |
|------|--|-------------------|-------|
| [1] | FLASH Software Manual | THSS-MULG0205M004 | D |
| [2] | Hardware Requirement Specification Hardware Tools | THSS-MULG0205E020 | B |
| [3] | Hardware Requirement Specification Cable Harnesses | THSS-MULG0205E019 | B |

Table 2 – Applicable documents

3.3 OTHER DOCUMENTS AND STANDARDS

N/A

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice



| |
|------------------------------|
| <i>Export Classification</i> |
| N/A |

4 ACRONYMS AND DEFINITIONS

4.1 ACRONYMS

All the acronyms used in this document are reported in the following table:

Table 3 – Acronyms

| | |
|--------------|--|
| AFDX | Avionics Full Duplex Switched Ethernet |
| AMMC | Aircraft & Mission Management Computer |
| AW | AgustaWestland |
| CAN | Control Area Network |
| DMG | Digital Map Generator |
| FLASH | Field Loadable Avionic Software for Helicopter |
| H/C | HeliCopter |
| HW | Hardware |
| ICS | Internal Communication System |
| IOM | Input Output Module |
| I/F | InterFace |
| LH | Leonardo Helicopter |
| LRU | Line Replaceable Unit |
| MFD | Multi Function Display |
| N/A | Not Applicable |
| PM | Personality Module |
| P/N | Part Number |
| REF | Reference |
| REPU | Remote Electrical Power Unit |
| SW | Software |
| SRS | Software Requirement Specification |
| SSS | System / Segment Specification |
| TBC | To Be Confirmed |
| TBD | To be Defined |
| THSS | Training & Helicopter Support Systems |
| USB | Universal Serial Bus |
| VDAM | Vibration Data Acquisition Module |

4.2 DEFINITIONS

N/A

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice



| |
|------------------------------|
| Export Classification |
| N/A |

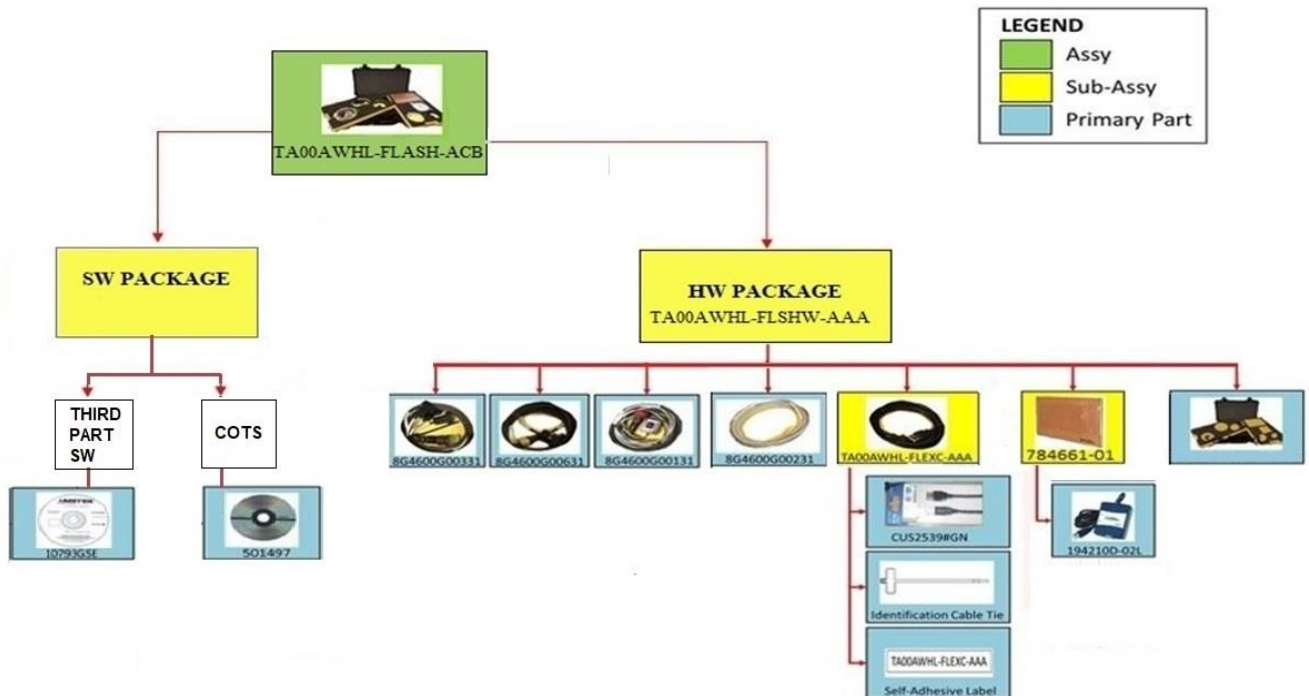
5 DESCRIPTION

The FLASH is a portable system constituted by a SW kit and a HW kit whose purpose is to optimize the actual process of SW management (update mainly) for several avionic LRUs.

5.1 TOP ASSEMBLY DRAWINGS

In the following figure is showed the product tree of P/N TA00AWHL-FLASH-ACB.

Figure 1 – FLASH Product Tree



© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



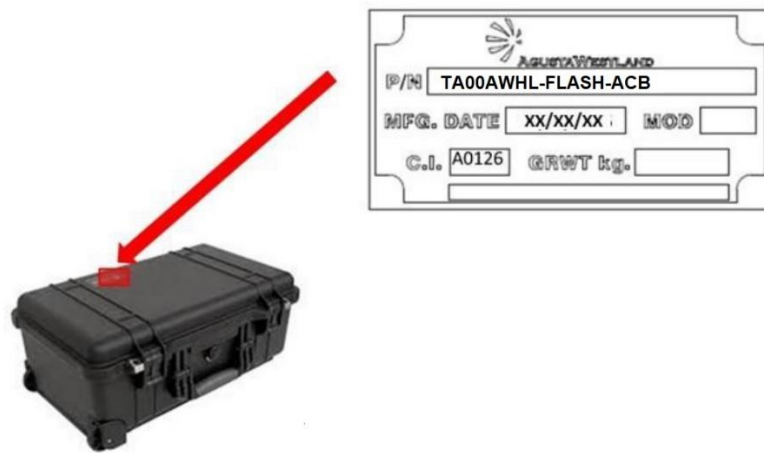
| |
|------------------------------|
| Export Classification |
| N/A |

5.2 IDENTIFICATION

The current tool identification P/N is TA00AWHL-FLASH-ACB.
 The last three letters of the P/N will change in accordance with future releases;
 the old handled releases are showed in Table 1 – FLASH P/N Applicability.

The tool identification is marked on the identification tag. The identification tag is fixed with adhesive on the external upper side of the transportation tool as showed in the following figure.

Figure 2 – FLASH identification tag Allocation



The identification tag prototype is showed in the following figure

Figure 3 – FLASH identification tag Prototype



The identification tag shall report the FLASH Assy P/N, the production date and the field C.I. that for LH is A0126.

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice



| |
|------------------------------|
| Export Classification |
| N/A |

5.3 OVERALL DIMENSION

See the following table

| | |
|-----------------------------|-----------------------|
| EXTERNAL (L x W X D) | 55.9 x 35.1 x 22.9 cm |
| INTERIOR (L x W X D) | 50.1 x 27.9 x 19.3 cm |
| DEPTH COVER | 4.5 cm |
| DEPTH CASE | 14.7 cm |

Table 4 – Case dimensions

5.4 WEIGHT

See the following table

| | |
|-------------------------|---------|
| CASE | 9.0 Kg |
| MAX FLOATABILITY | 29.0 Kg |

Table 5 – Case Weight and Floatability



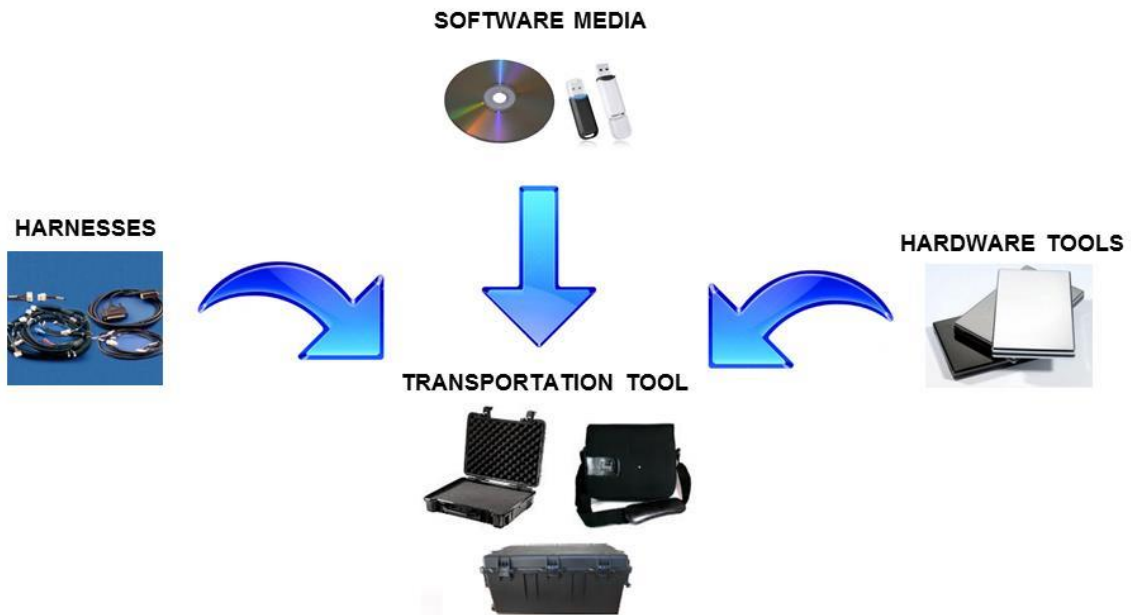
| |
|------------------------------|
| Export Classification |
| N/A |

5.5 MAIN PARTS

FLASH Hardware kit is constituted by following items:

- Cable Harnesses
- Hardware Tools
- Software media
- Transportation tool

Figure 4 – FLASH Hardware Kit



© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| Export Classification |
| N/A |

5.5.1 Harnesses

Cable Harnesses included in FLASH HW kit are listed in the following table (see Ref.[3]):

Table 6 – Harnesses Cables

| LRU | Cable Harness P/N | Cable Harness Description |
|----------------------|--------------------|---------------------------|
| ARINC 615A LRU | Switch | Ethernet cable |
| | AMMC | |
| | MFD | |
| | EDCU | |
| VDAM AMMC | 8G4600G00331 | N-AMMC Harness |
| DMG AMMC | | |
| BACKLIGHT DIMMER | 8G4600G00631 | CAN BUS Maintenance Cable |
| REPU | 8G4600G00131 | Loading Harness for REPU |
| Mass Memory AMMC | TA00AWHL-FLEXC-AAA | USB 2.0 Extension Cable |

NOTE: The cable necessary to interface the AMU ICS with the host PC (USB CABLE MALE-MALE) shall be procured by the user in loco (local supply).

NOTE: The cable necessary to interface the IOM with the host PC (P/N 8G4600G00431, “IOM & PM MAINTENANCE cable”) shall be procured by the user as loose part (the cable is not included in the FLASH kit)

NOTE: The cable necessary to interface the FCC with the host PC (P/N 6F2210G00131, “AW169 AFCS Cable”) shall be procured by the user as loose part (the cable is not included in the FLASH kit)

5.5.2 Hardware Tools

Hardware Tools necessary to interact with LRUs by using FLASH SW are listed in the following table (see Ref. [2]):

Table 7 – HW Tools

| LRU | HW Tool P/N | HW Tool Description |
|------------------|-------------|--|
| BACKLIGHT DIMMER | 784661-01 | USB/CAN Converter Model USB-8502 1 Port |

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation (“the Companies”) and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



5.5.3 Software Media

FLASH HW Kit is containing following Media:

- CD containing FLASH SW tool and its Handbook
- CD containing SW tool of SIRIO PANEL for REPU (P/N 10793GSE)
- CD containing drivers for CAN/BUS Converter (P/N 501497)

Figure 5 – FLASH Tool CDs





| |
|------------------------------|
| Export Classification |
| N/A |

5.5.4 Transportation Tool

Harnesses (see §5.5.1), Hardware Tools (see §5.5.2) and Software media(see §5.5.3) are stored in a dedicated case. The case is identified as follow:

- P/N : TA00AWHL-FLTKC-ABA.
- Description : FLASH TOOL KIT CASE

Figure 6 – FLASH Tool kit case



The case is certificated as per Def Stan 81-41/S TANAG 4280 and with a Protection Index of IP67 which means:

- protection against contact
- protection from dust infiltration
- protection against full immersion (1 meter submersion for 30 minutes)

Main physical features of the case are reported in the tables below

MATERIALS

| | |
|---------------------|-------------------------|
| BODY | Polypropylene |
| CLOSURE | ABS |
| O-RING COVER | Polymer Stainless Steel |

Table 8 – Case materials

THERMAL CAPABILITY

| | |
|------------------------|--------|
| MAX TEMPERATURE | 99° C |
| MIN TEMPERATURE | -40° C |

Table 9 – Thermal capability

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice



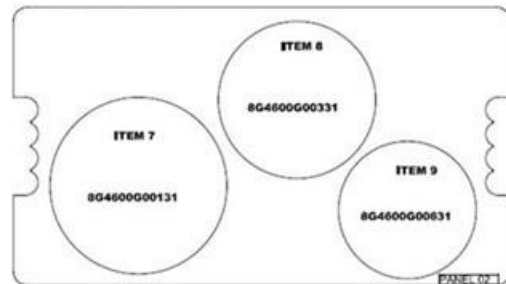
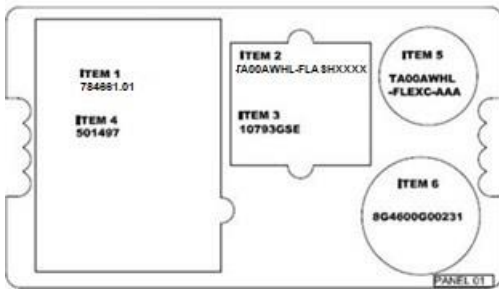
| |
|------------------------------|
| Export Classification |
| N/A |

The case is handleable and hasn't got any wheels.

Internally the case is provided with two foam panels (PANEL 01 and PANEL 02) where FLASH items are allocated

Figure 7 – FLASH Tool kit Case – PANEL 01 and PANEL 02

| PANEL 01 | | | PANEL 02 | | |
|----------|-------------------|--------------------------|----------|--------------|---------------------------|
| ITEM | P/N | DESCRIPTION | ITEM | P/N | DESCRIPTION |
| 1 | 784661-01 | USB/CAN CONVERTER MODEL | 7 | 8G4600G00131 | LOADING HARNESS FOR REPU |
| 2 | TA00AWHL-FLASHXXX | FLASH SOFTWARE (1 CD) | 8 | 8G4600G00331 | N-AMMC HARNESS |
| 3 | 10793GSE | REPU GSE SOFTWARE (1 CD) | 9 | 8G4600G00631 | CAN BUS MAINTENANCE CABLE |
| 4 | 501497 | CAN BUS SOFTWARE (1 CD) | | | |
| 5 | TA00AWHL-FLEX-AAA | USB 2.0 EXTENSION CABLE | | | |
| 6 | 8G4600G00231 | ETHERNET CABLE | | | |





| |
|-------------------------------------|
| <i>Export Classification</i> |
| N/A |

5.6 MAIN FEATURE DESCRIPTION

The FLASH is used for SW management (update mainly) of several avionic LRUs.

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| <i>Export Classification</i> |
| N/A |

6 SAFETY NOTES

This section describes general rules to prevent risks of injuring or damaging the system during operation.

6.1 WARNINGS AND RECOMMENDED BEHAVIOR

WARNING: Never perform operations that differ from what has been specified in this manual.

WARNING: A use of the system in a way non-compliant to the manufacturer’s instructions may seriously impair the correct operation of the safety devices installed.

WARNING: Introducing hands and/or other objects into the system may damage the system and cause serious injuries.

WARNING: Never lean on the protective frames of the system during its operation.

WARNING: Do not put fluids into the system.

WARNING: If the system needs to be moved from the installation site, make sure that this operation is carried out by qualified personnel.

CAUTION: Only introduce the LRU to be programmed during the downloading cycle.

6.2 RESIDUAL HAZARDS

To protect the users and the system from residual hazards, that is from unpredictable risks or from hazards that cannot be completely eliminated, we recommend users to strictly follow the warnings listed in paragraph “**Warnings and recommended behavior**” and to follow the instructions given here below:

- Avoid wearing loose clothing or apparel with parts (hems, sleeves) which could get tangled or clamped into the system during operation
- Avoid wearing ties or scarves
- Avoid wearing long necklaces, bracelets or rings
- If necessary, wear a cap to keep long hair out of the way



| |
|------------------------------|
| Export Classification |
| N/A |

7 STORAGE

The Tool shall be properly stored into a cool and dry place to provide protection from external weather conditions, damage and dirty particles.

The cable Kit shall be stored in the transportation box as described in Figure 7.

Ensure that the tool parts are clean before storage.

7.1 LUBRIFICATION BEFORE STORAGE

N/A

7.2 STORAGE CONFIGURATION

NOTE: Insert the caps on the MIL connectors.

NOTE: The cables shall be put in their corresponding slot as described in Figure 7.

Apart from that, the tool has no particular storage configuration.



| |
|------------------------------|
| <i>Export Classification</i> |
| N/A |

8 MAINTENANCE

Correct and regular material checks is necessary to prevent most faults; this safeguards the tool performance in time, thereby making it last longer.

8.1 CLEANING

No particular cleaning is required.

8.1.1 SPECIAL TOOLS, FIXTURE AND EQUIPMENT

N/A

8.1.2 PART REQUIREMENTS

N/A

8.1.3 MANUAL CLEANING

N/A

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021



| |
|------------------------------|
| <i>Export Classification</i> |
| N/A |

8.2 CHECKS

Before each use carry out the check of kit component.
Verify that MIL connectors have their corresponding caps.

8.2.1 SPECIAL TOOLS, FIXTURE AND EQUIPMENT

N/A

8.2.2 VISUAL EXAMINATION

NOTE: The task must be performed by operators, with intermediate skill levels.

- A. Examine the connectors for damage to the pins and to the shell.
- B. Examine the cables for damage to the insulation sleeves and wires.
- C. Examine all parts for any of the visible damage that follows:
 - Evidence of impact;
 - Crushing or stripping
 - Cracks;
 - Dents;
 - Wear;
 - Distortions;
 - Corrosion;
 - Loose or defective attaching parts (warning flag).
 - Unsticking of parts

D. Marking

Visually examine the marking.

Make sure that external surface and adhesion is in good condition. If the marking is damaged or not readable, proceed to restore it.



| |
|------------------------------|
| Export Classification |
| N/A |

8.3 REPLACEMENT

N/A

9 CALIBRATION

The calibration is not applicable.

10 SPARE PARTS

N/A

11 CE MARKING

No CE marking is required.

© Copyright 2021 Leonardo S.p.a., Leonardo UK Ltd, AgustaWestland Philadelphia Corporation

This document contains information that is confidential and proprietary to Leonardo S.p.a. and/or Leonardo UK Ltd and/or AgustaWestland Philadelphia Corporation ('the Companies') and is supplied on the express condition that it may not be disclosed to any third party, or reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied, without the prior written consent of the Companies. Every permitted disclosure, reproduction, adaptation or publication of this document in whole or in part and in any manner or form shall prominently contain this notice

SL&SS Report Format rev. 16 July 2021