



# Technical Repercussion Sheet

Sheet 0 - E-Authorization Data

|          |               |                            |
|----------|---------------|----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL(Full TRS) |
| XW CEF   |               | ISSUE: 2                   |
|          |               | OFFICIAL DATE: 08-Aug-2018 |

|   |                                       |
|---|---------------------------------------|
| <b>TITLE:</b><br>E.a.E. - Cable Loom Inst. drawings - Modify harnesses installation for OHSC in Door Zone D3<br>LH FWD (sol. G) | <b>ATA:</b> 9280                      |
|   | <b>COORDINATOR:</b> LAFORSE Christine |
| <b>REASON:</b> Request for Product Customization - Customization Administrative Issue - SY-Other Systematic Action ;            |                                       |

|      | DESIGN OFFICE<br>(As required)         | AIR<br>WORTHINESS<br>(As required) | CM CHECKER<br>(As required)       | HEAD OF ENGINEERING<br>OR REPRESENTATIVE     | HEAD OF CONFIGURATION<br>MANAGEMENT OR<br>REPRESENTATIVE |
|------|--|------------------------------------|-----------------------------------|--|--|
| NAME | ESTANOS JEAN-<br>PHILIPPE -<br>TO26811 | ZIPELIUS JEROME<br>- ZIPELIUS_JE   | BERTRAND<br>BRIGITTE -<br>TO33803 | LAVIOLETTE DAMIEN -<br>TO76559<br>(Approver) | AZAM SEBASTIEN - TO96923<br>(Authorizer)                 |
| DATE | 08-Aug-2018                            | 07-Aug-2018                        | 07-Aug-2018                       | 08-Aug-2018 (Approver)                       | 08-Aug-2018 (Authorizer)                                 |



# Technical Repercussion Sheet

Sheet 0 - History

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

|   |                                       |
|---|---------------------------------------|
| <b>TITLE:</b><br>E.a.E. - Cable Loom Inst. drawings - Modify harnesses installation for OHSC in Door Zone D3<br>LH FWD (sol. G) | ATA: 9280                             |
|   | <b>COORDINATOR:</b> LAFORSE Christine |
| <b>REASON:</b> Request for Product Customization - Customization Administrative Issue - SY-Other Systematic Action ;            |                                       |

| ISSUE | DATED       | AUTHOR               | COMMENT / REASON          | SIGNATURE LOOP |
|-------|-------------|----------------------|---------------------------|----------------|
| 2     | 07-Aug-2018 | LAFORSE Christine    | XW CEF FULL TRS           | Normal         |
| 1     | 03-Sep-2015 | CHAVAROCHE BENEDICTE | TRS ready for mod opening | Normal         |

# Technical Repercussion Sheet

Sheet 1

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

|  |                                       |
|--|---------------------------------------|
| <b>TITLE:</b><br>E.a.E. - Cable Loom Inst. drawings - Modify harnesses installation for OHSC in Door Zone D3 LH FWD (sol. G) | <b>ATA:</b> 9280                      |
|  | <b>COORDINATOR:</b> LAFORSE Christine |
| <b>REASON:</b> Request for Product Customization - Customization Administrative Issue - SY-Other Systematic Action ;         |                                       |

|  |
|--|
| <b>ORIGIN DOCUMENTS:</b> RFC-VIR25V029I-Door zones layout definition |
|--|

|  |
|--|
| <b>EXPECTED APPLICABILITY:</b><br>Customer version |
|--|

|   |
|---|
| <b>NECESSARY TO OBTAIN/MAINTAIN TYPE CERTIFICATE:</b> No    |
| <b>CLASSIFICATION:</b> W - NO FURTHER SHOWING OF COMPLIANCE |
| <b>A/C CATEGORY:</b> CIVIL                                  |
| <b>MODEL(S):</b> 350-1041 ;                                 |
| <b>IMPLEMENTATION CONDITION:</b> SERIE SOLUTION ONLY        |
| <b>SB PROPOSED BY ENGINEERING:</b> No                       |
| <b>INTERCHANGEABILITY AFFECTED:</b> No                      |
| <b>ENGINEERING DEADLINE:</b> POWER ON                       |
| <b>TO BE EMBODIED BEFORE:</b> None                          |
| <b>RESTRICTIONS CANCELLED BY THIS MODIFICATION:</b> None    |

|  |
|--|
| <b>GENERAL DESCRIPTION:</b><br><br>The modification consists in modifying harnesses installation for OHSC in Door Zone D3 LH FWD (sol. G)<br><br><b><u>Abbreviations</u></b><br>OHSC : overhead stowage compartment<br>D3: door 3<br>LH: left hand<br>FWD: forward<br>Sol.: solution |
|--|

|  |
|--|
| <b>LINKED MODIFICATIONS:</b> Associated with 101202 ;  |
| <b>COMMENT:</b> 101202 E.A.E.COM.INST.-CABLE LOOM INST.DWGS INSTALL HARNESSSES FOR OHSC STANDARD ARCHITECTURE IN CENTER FUSELAGE |



# Technical Repercussion Sheet

Sheet 1

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

|  |
|--|
|  |
|--|

# Technical Repercussion Sheet

Sheet 2

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

## REGULATIONS INVOLVED AND JUSTIFICATION:

### Certification Basis :

TCDS EASA.A.151 / TCDS FAA T000631B

| Certif.Basis | FIC | ATA | A/W & Environmental Requirement | MoC |
|--------------|-----|-----|---------------------------------|-----|
|--------------|-----|-----|---------------------------------|-----|

### Compliance statement :

No additional work to show compliance with the applicable certification basis including FAR26 requirements.  
Availability (as required by Part 21) of any impacted other ICA is managed in accordance with DOM procedures.

### Comment :

## IMPACTS ON EQUIPMENT

Equipment sorted by: Family

## IMPACTS ON APPROVED DOCUMENTATION AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA):

| DOCUMENT TYPE                  | STATEMENT | DESCRIPTION |
|--------------------------------|-----------|-------------|
| SRM ADL/REPAIR                 | NO        |             |
| WBM Chapter 1.10 limitations   | NO        |             |
| MMEL                           | NO        |             |
| FM - Flight Manual             | NO        |             |
| MRB - Maintenance Review Board | NO        |             |
| ALS Part 1                     | NO        |             |
| ALS Part 2                     | NO        |             |
| ALS Part 3                     | NO        |             |
| ALS Part 4                     | NO        |             |
| ALS Part 5                     | NO        |             |
| Security HandBook              | NO        |             |
| EWIS ICA                       | NO        |             |
| Other ICA                      | YES       |             |
| Flight Crew Data               |           |             |
| Cabin Crew Data                |           |             |

|          |        |                             |
|----------|--------|-----------------------------|
| A350-XWB | L26118 | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |        | ISSUE: 2                    |
|          |        | LAST UPDATE: 07-Aug-2018    |

## SECTION 15/21 SKETCHES

### ATA92-00 Electrical and Electronic Common Installation - General

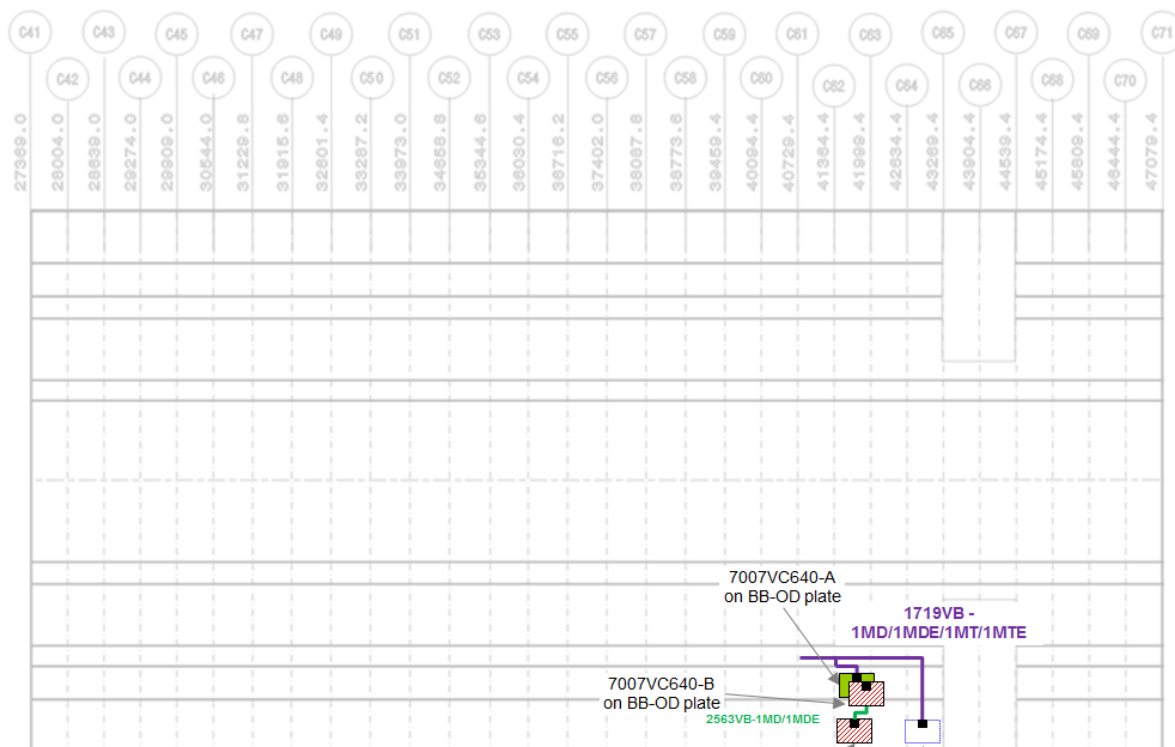
#### SYNOPTIC:

##### Pre-MOD sketch:

Description

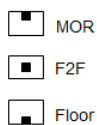
##### Post-MOD sketch:

E.a.E. - Cable Loom  
Inst. drawings - Modify  
harnesses installation  
for OHSC in Door  
Zone D3 LH FWD  
(sol. G)



#### Legend





Extremity  
position :



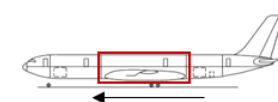
Delta :

**Extremity**

**Status**

|   |                                      |
|---|--------------------------------------|
|  | Existing<br>(929/DMU not involved)   |
|  | Added/modified<br>(929/DMU involved) |
|  | Removed<br>(929/DMU involved)        |
|  | CILAT involved                       |

A350 - Harness Pre-Definition



Flight Direction

# Technical Repercussion Sheet








Sheet 3 (Sketches)

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

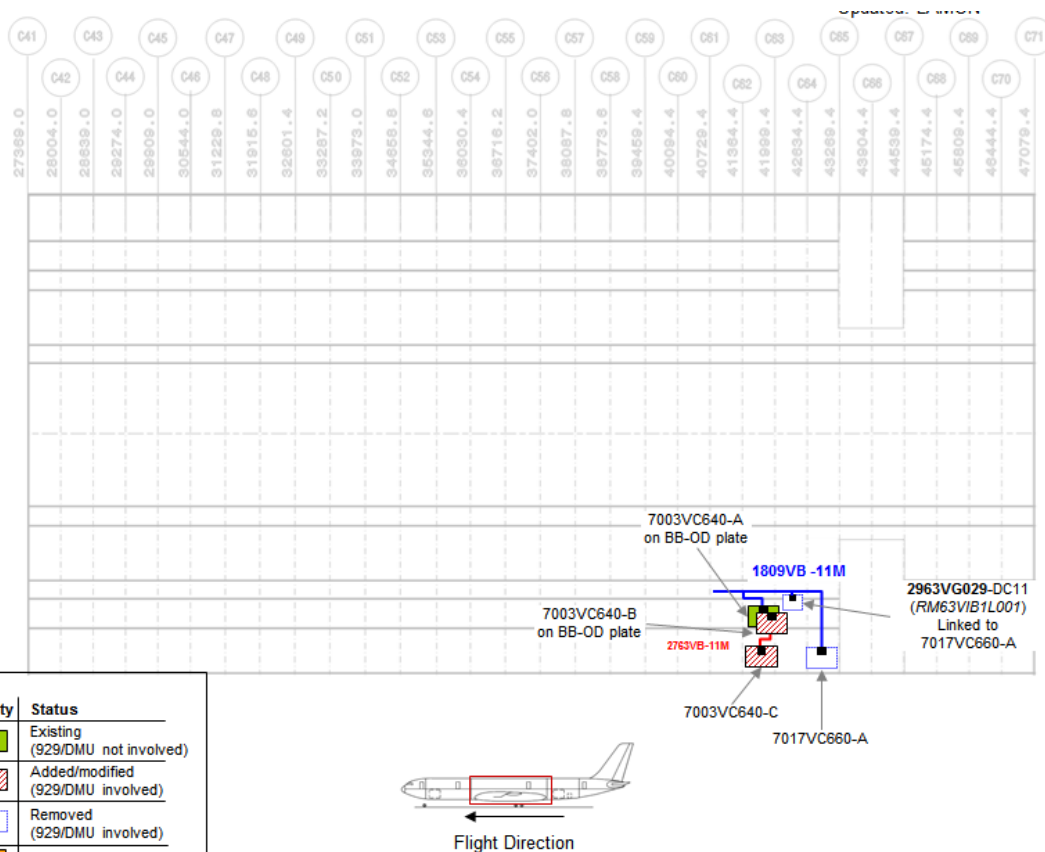
**Pre-MOD sketch:**  
Description

**Post-MOD sketch:**  
E.a.E. - Cable Loom  
Inst. drawings - Modify  
harnesses installation  
for OHSC in Door  
Zone D3 LH FWD  
(sol. G)

## Legend

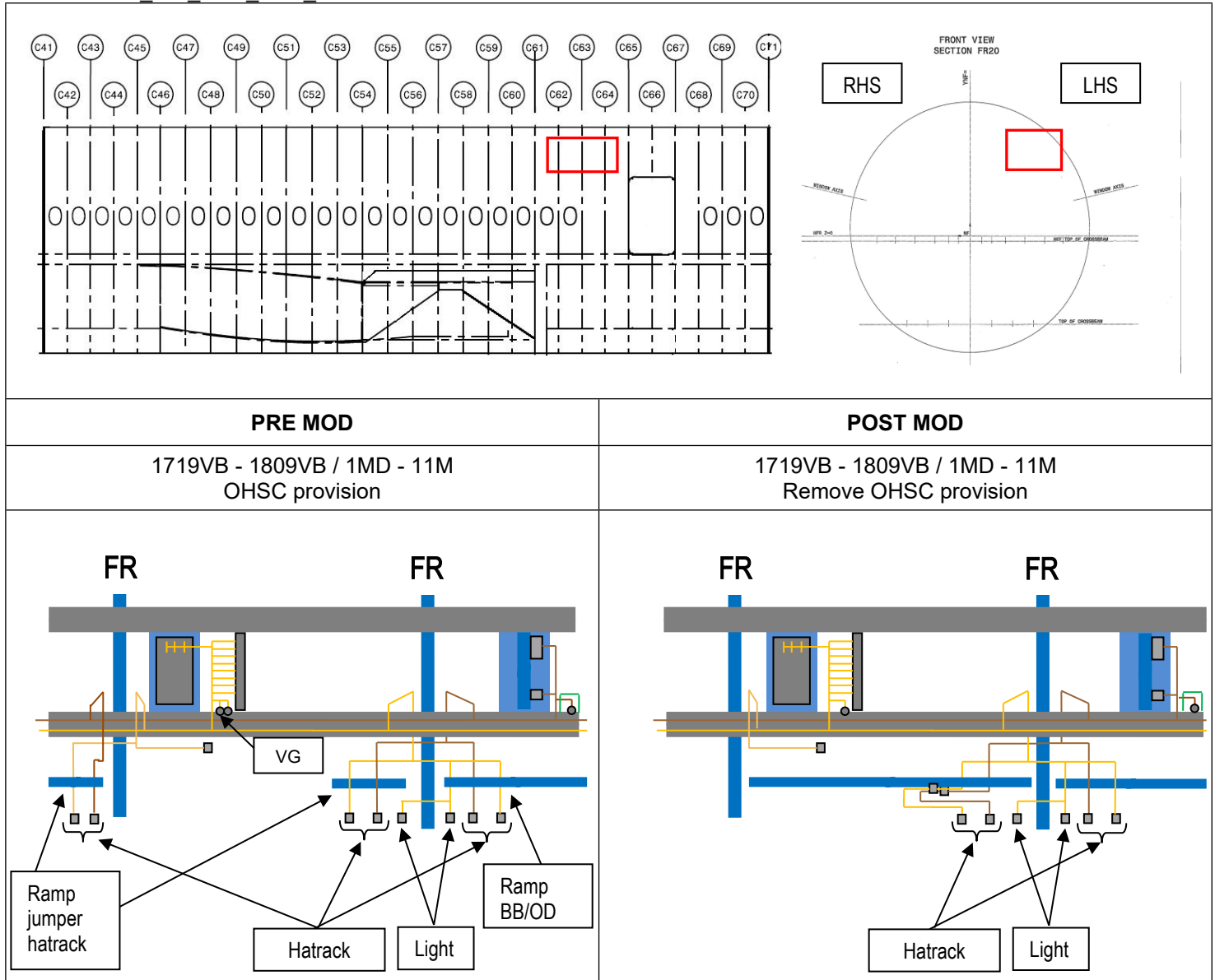
| Extremity position :  | Delta : | Extremity   | Status                            |
|---|---------|---|-----------------------------------|
|  |         |  | Existing (929/DMU not involved)   |
|  |         |  | Added/modified (929/DMU involved) |
|  |         |  | Removed (929/DMU involved)        |
|   |         |  | CILAT involved                    |

A350 - Harness Pre-Definition



|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

Sketch CEF ESI HAR EQT 1





# Technical Repercussion Sheet

Sheet 4

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

**ADDITIONAL ATA:** 9200 ; 9240 ; 9290 ;

**IMPACT ON VERIFICATION / VALIDATION MEANS:**

| MOCK UP       | FATIGUE TESTS | GROUND TESTS | LABORATORY TESTS |
|---------------|---------------|--------------|------------------|
| NO            | NO            | NO           | NO               |
| PARTIAL BENCH | IRON BIRD     | FLIGHT TESTS |                  |
| NO            | NO            | NO           |                  |

**COMMENT:**
**IMPACTS ON WEIGHT:**

| SERIE    | DELTA ON MWE WEIGHT (kg) | CG OF THE DELTA MWE (m) | ORIGIN SUB-TRS |
|----------|--------------------------|-------------------------|----------------|
| 350-1000 | 0.217                    | 0.0                     |                |

**TOTAL:**

|          |       |     |  |
|----------|-------|-----|--|
| 350-1000 | 0.217 | 0.0 |  |
|----------|-------|-----|--|

**COMMENT:** CG not calculated

**ELECTRICAL LOADS IMPACTED:** NO

**COMMENT:**
**IMPACTED DOCUMENTATION:**

Impacted airlines documentations identified by customer service are available in CM reporting
**COMMENT:**
**IMPACTED STANDARD SPECIFICATION**

| REFERENCE | ISSUE | REVISION | TEMP.REVISION | ISSUE DATE |
|-----------|-------|----------|---------------|------------|
|           |       |          |               |            |

**PROPOSED UPDATE:**

MSCN:NO

CLASSIFICATION NEGOTIABLE:NA

**MSCN JUSTIFICATION:**

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

## DETAILED DESCRIPTION:

## **SECTION 15/21 REPERCUSSIONS**

### **Electrical Systems impacts**

#### **Electrical systems installation repercussions**

#### **ATA 92-00 - Electrical and Electronic Common Installation - General**

E.a.E. - Cable Loom Inst. drawings - Modify harnesses installation for OHSC in Door Zone D3 LH FWD (sol. G).

#### **Standard Statements for Stress Impact**

This change has no stress impact.

#### **ATA92-40 Electrical and Electronic Common Installation – Installation Drawings of Removable Supports**

S15/21 - UD-LAT FR61 to FR64

Quantity of new reference of V924 created: 0 unloaded, 0 loaded

| Loaded / Unloaded | New (n-1) added qty | Details               |
|-------------------|---------------------|-----------------------|
| Unloaded          | 0                   | Remove 1 jumper small |
| Unloaded          | 0                   | Add 2 IF plates       |
| Unloaded          | 0                   | Add 1 ramp BB/OD      |

**Weight impact ATA92-40: + 0.283 Kg**

#### **ATA92-80 Electrical and Electronic Common Installation – Cable Loom Installation Drawings**

S15/21 - UD-LAT FR61 to FR64

Modify installation as shown in Sketch CEF\_ESI\_HAR\_EQT\_1:

CEF UD MLH MD/M CTAFT: To remove 3 clips nut between FR62 and FR63.

To relocate 4 clamps between FR62 and FR63.

CEF UD MLH MD/M AFT: To remove 9 clamps + 4 spacers + 1 clip nut between FR63 and FR64.

CEF UD Z5-6 MLH HAT: To add 8 clamps + 8 spacers between FR62 and FR64.

CEF UD ML ASS DMD RTG

CEF UD IM CTAFT

NZ  
NZ  
NZ  
NZ  
NZ  
NZ

**Weight impact ATA92-80: - 0.066 Kg**



# Technical Repercussion Sheet

Sheet 4

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

## **ATA92-90 Electrical and Electronic Common Installation – Cable Loom Drawings**

S15/21 - UD-LAT FR61 to FR63

Modify installation as shown in Sketch CEF\_ESI\_HAR\_EQT\_1:

Harness 1809VB 11M  
Harness 1719VB 1MD  
Harness 2763VB 11M  
Harness 2563VB 1MD

**Weight impact ATA92-90: + 0.000 Kg**

|   |                   |
|---|-------------------|
| <b>Total CEF ESI HAR and EQT weight impact (924 + 928 + 929):</b> | <b>+ 0.217 Kg</b> |
|---|-------------------|

The design requirements and principles as referenced in the TDD2QA001V, SIDP20A001V, TDD92A001V, SIDP92A001V, are maintained.

# Technical Repercussion Sheet

Sheet 5

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

| IMPACTS ON CIRCUIT - ATA's (Leader impacts; refer to sub-TRS for involved impacts): |      |                |
|---|------|----------------|
| CIRCUIT   | ATA  | BREAKDOWN CODE |
| VB  | 9200 | F              |
| LEAD-TIME (WEEKS):  |      |                |

| IMPACTS ON CASCADE COMPONENTS (Leader impacts; refer to sub-TRS for involved impacts): |      |       |     |                |                   |
|--|------|-------|-----|----------------|-------------------|
| TYPE   | CODE | TITLE | ATA | BREAKDOWN CODE | LEAD-TIME (WEEKS) |
|  |      |       |     |                |                   |

| IMPACTS ON HARNESSES AND PANELS (Leader impacts; refer to sub-TRS for involved impacts): |      |       |                  |
|--|------|-------|------------------|
| TYPE   | CODE | TITLE | ASSOCIATED TO CA |
|  |      |       |                  |

| IMPACTS ON ADAP-CI / RF's (Leader impacts; refer to sub-TRS for involved impacts): |             |                       |       |                   |
|--|-------------|-----------------------|-------|-------------------|
| ADAP-CI CODE   | LEGACY CODE | TITLE                 | CA    | LEAD-TIME (WEEKS) |
| W92C11719000   | NA          | HARNESS 1719VB 1MD    | WD352 |                   |
| W92C11809000   | NA          | HARNESS 1809VB 11M    | WD354 |                   |
| W92C22563000   | NA          | HARNESS 2563VB        | WD419 |                   |
| W92C22763000   | NA          | HARNESS 2763VB        | WD438 |                   |
| W92C34309000   | NA          | CEF UD ML ASS DMD RTG | WD019 |                   |
| W92C34423000   | NA          | CEF UD MLH MD/M CTAFT | WD019 |                   |
| W92C34433000   | NA          | CEF UD Z5-6 MLH HAT   | WD019 |                   |
| W92C34445000   | NA          | CEF UD IM CTAFT       | WD000 |                   |
| W92C34451000   | NA          | CEF UD MLH MD/M AFT   | WD019 |                   |

| IMPACTS ON ESD-CI's (Leader impacts; refer to sub-TRS for involved impacts): |      |             |                     |
|--|------|-------------|---------------------|
| TYPE   | CODE | DESIGNATION | ASSOCIATED TO CA/CC |
|  |      |             |                     |

| OTHER IMPACTS:    |                    |                |                          |                   |
|-------------------|--------------------|----------------|--------------------------|-------------------|
| PROPULSION SYSTEM | SERIE GTR IMPACTED | SPECIAL SUPPLY | PARTS INTERCHANGEABILITY | RIGGING / TOOLING |
| NO                | NO                 | NO             | NO                       | NO                |
| COMMENT:          |                    |                |                          |                   |



# Technical Repercussion Sheet

Sheet 6

|          |               |                             |
|----------|---------------|-----------------------------|
| A350-XWB | <b>L26118</b> | STATUS: OFFICIAL (Full TRS) |
| XW CEF   |               | ISSUE: 2                    |
|          |               | LAST UPDATE: 07-Aug-2018    |

|   |       |          |
|---|-------|----------|
| <b>TRS COORDINATOR:</b> XW CEF                |       |          |
| <b>DESIGN INVOLVEMENT:</b>                    |       |          |
| NATCO / OBS                                   | NATCO | STANDARD |
| XW CEF  | A-F   |          |
| <b>DESIGN RESPONSIBLE:</b> BOUBEKEUR Jean-luc |       |          |

|                    |               |          |        |
|--------------------|---------------|----------|--------|
| <b>ACTIVITIES:</b> |               |          |        |
| COST CHAPTER       | ACTIVITY TYPE | ACTIVITY | RESP.  |
| 01. Design         |               |          | XW CEF |
| 08. Production     |               |          | XW CEF |
| <b>COMMENT:</b>    |               |          |        |