SERVICE BULLETIN
REVISION TRANSMITTAL SHEET

AIRBUS
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1 Rond Point Maurice Bellonte
31707 BLAGNAC CEDEX
FRANCE
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ATA SYSTEM: 28

TITLE: FUEL - MAIN FUEL PUMP SYSTEM - INSTALL FUEL PUMP CANISTER WITH NEW HOOD/MESH IN INNER AND CENTER TANK POSITIONS

MODIFICATION No.: 13644H5743 13739H5755

This page transmits Revision No.01 of Service Bulletin No.A300-28-6110

ADDITIONAL WORK

****CONF ALL**

Additional work is required by this revision for aircraft modified by the original issue of this Service Bulletin.

NOTE: If Technical Adaptation TA-SEEE5-2014-1034110 has been embodied, only the re-identification work step is necessary for the ADDITIONAL WORK.

REASON

Revision No. 01 issued to:

- add modification No. 13739H5755 (Introduction of Longer Screws at the outer positions on the canister hoods for Post-MOD 13644)

- update the procurement address in paragraph 2.A.(1).

The opportunity is taken to make minor format changes.

CHANGES

FRONT MATTER		
MODIFICATIONS	MODIFICATION NUMBER(S) UPDATED	R
SUMMARY		
MODIFICATIONS	MODIFICATION CLASSIFICATION UPDATED	R
EFFECTIVITY	OPERATOR LIST UPDATED	R
MANPOWER	MANPOWER UPDATED	R
PLANNING INFORMATION		
EFFECTIVITY	EFFECTIVITY RELATED INFORMATION UPDATED	R
Configuration definition		
CONF 001	CONFIGURATION DEFINITION UPDATED	R

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Material Effectivity	MATERIAL EFFECTIVITY UPDATED MATERIAL SET QUANTITY UPDATED MATERIAL SET UPDATED	R
DESCRIPTION	DESCRIPTION UPDATED	R
APPROVAL	APPROVAL UPDATED	R
MANPOWER	MANPOWER UPDATED	R
	MANPOWER UPDATED CONFIGURATION UPDATED	R
REFERENCES	REFERENCED DOCUMENTATION UPDATED	R
INTERCHANGEABILITY/MIXABILITY	INTERCHANGEABILITY/MIXABILITY UPDATED	R
MATERIAL INFORMATION		
MATERIAL - PRICE AND AVAILABILITY		
Procurement Addresses	PROCUREMENT ADDRESSES UPDATED	R
LIST OF MATERIALS - OPERATOR SUPPLIED		
Equipment		
Equipement BFEB01	PART MATERIAL SET UPDATED PART NUMBER UPDATED	R
Equipement BFEB02	PART MATERIAL SET UPDATED PART NUMBER UPDATED	R
PARTS TO BE RE-IDENTIFIED BY OPERATOR	PARTS TO BE RE-IDENTIFIED BY OPERATOR UPDATED	R
Reidentified part set REIDB01	PART MATERIAL SET UPDATED PART NUMBER UPDATED	R
Reidentified part set REIDB02	PART MATERIAL SET ADDED	N
ACCOMPLISHMENT INSTRUCTIONS		
TASK 286110- 831-895-001-Modification	TASK SOLUTION UPDATED CAUTION UPDATED	R
Task associated data - 001	ZONE UPDATED PANEL UPDATED	R
Subtask 286110-910-401-001	SUBTASK SOLUTION UPDATED REFERENCED DOCUMENTATION UPDATED REFERENCES UPDATED	R
Subtask 286110-941-401-001	SUBTASK SOLUTION UPDATED PANEL UPDATED ZONE UPDATED NOTE UPDATED LOCATION UPDATED	R
Subtask 286110-831-401-001	SUBTASK SOLUTION UPDATED PANEL UPDATED ZONE UPDATED PART NUMBER UPDATED LOCATION UPDATED MATERIAL LIST UPDATED	R
Subtask 286110-930-401-001	SUBTASK SOLUTION UPDATED PART NUMBER UPDATED MATERIAL LIST UPDATED	R
Subtask 286110-700-401-001	SUBTASK SOLUTION UPDATED	R

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Subtask 286110-942-401-001	SUBTASK SOLUTION UPDATED PANEL UPDATED ZONE UPDATED LOCATION UPDATED	R
TASK 286110- 831-896-001-Modification for aircraft that have accomplished this Service Bulletin at Rev 00 - ADDITIONAL WORK	TASK SOLUTION ADDED	N
Task associated data - 001	TASK ASSOCIATED DATA ADDED	N
Subtask 286110-910-402-001	SUBTASK SOLUTION ADDED	N
Subtask 286110-839-402-001	SUBTASK SOLUTION ADDED	N
Subtask 286110-941-402-001	SUBTASK SOLUTION ADDED	N
Subtask 286110-831-402-001	SUBTASK SOLUTION ADDED	N
Subtask 286110-930-402-001	SUBTASK SOLUTION ADDED	N
Subtask 286110-700-402-001	SUBTASK SOLUTION ADDED	N
Subtask 286110-942-402-001	SUBTASK SOLUTION ADDED	N
Appendix 01 - Elapsed Time Assumption		
Fig. A-UAAAA	FIGURE SOLUTION UPDATED	R
Fig. A-UABAA	FIGURE SOLUTION ADDED	N
Fig. A-UABAA Sheet 01	SHEET ADDED	N

FILLING INSTRUCTIONS

This Service Bulletin has been generated electronically and is reissued as a complete document. Replace the complete document.

Put this Revision Transmittal Sheet in front of the Service Bulletin.

HISTORY OF PREVIOUS REVISIONS

No previous revision

REVISION SEQUENCE

ORIGINAL: Nov 28/13

REVISION No. : 01 - Aug 29/14

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SERVICE BULLETIN
SUMMARY

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This summary is for information only and is not approved for modification of the aircraft.

ATA SYSTEM: 28

TITLE: FUEL - MAIN FUEL PUMP SYSTEM - INSTALL FUEL PUMP CANISTER WITH NEW HOOD/MESH IN INNER AND CENTER TANK POSITIONS

****CONF ALL**

MODIFICATIONS

MODIFICATION CLASSIFICATION					
MAJOR	13644H5743				
MINOR	13739H5755				

NOTE: As per EASA IR 21, a minor change is one that has no appreciable effect on the mass, balance, structural strength, reliability, operational characteristics affecting the airworthiness of the product. All other changes are major changes.

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Fuel pump canisters are located in pairs in all fuel tanks. There is a fabricated aluminium hood (in two halves) which forms a surface between the fuel pump inlet mesh and the fuel pump canister body.

Some operators have reported cases of cracking on the hood in the inner wing fuel tanks. On one aircraft, part of the hood detached and was found inside the fuel tank.

Fuel pump canister hoods are currently subject to a mandatory inspection in accordance with Inspection Service Bulletin A300-28-6106.

Following the investigation into in-service failures, this Service Bulletin introduces new canister hoods for the wing inner tank and the center tank fuel pumps (where fitted) only. No other fuel pump positions are affected by this Service Bulletin.

The new design consists of a new two part stainless steel hood assembly that is installed over the existing inlet mesh as before. To account for tolerances in the inlet mesh diameter and to avoid installation pre-stress, each hood half has an enlarged central hole, through which a stepped fastener is installed.

Accomplishment of this Service Bulletin will reduce the scope of the Inspection Service Bulletin A300-28-6106 and will be captured in any future Airworthiness Directive. Accomplishment of this Service Bulletin will also cancel the repeat inspection requirement of the inner wing and center tanks (only).

The installation of a new fuel pump canister hood changes the part number of the canister assembly.

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GENERAL EVALUATION

EVALUATION TABLE			
COMPLIANCE	RECOMMENDED (1)	CANCELS INSPECTION SB	NO
POTENTIAL AD	NO	A/C OPERATION AFFECTED	NO
RELIABILITY AFFECTED	NO	PAX COMFORT AFFECTED	NO
COST SAVING	NO	ETOPS AFFECTED	NO
STRUCTURAL LIFE EXTN	NO	VENDOR SB INVOLVED	NO
DEFUEL/VENTILATION	YES	PRE-ENTRY CHECKLIST	YES

NOTE (1): Service Bulletin recommended to be accomplished to prevent significant operational disruptions.

MATERIAL PRICE INFORMATION

MATERIAL PRICE INFORMATION TABLE			
MATERIAL SET	**QTY PER A/C**	**PRICE PER A/C (USD)**	**MAIN PARTS**
Equipment BFEB01	4	See SB	Hood Halves and Attachments
Equipment BFEB02	2	See SB	Hood Halves and Attachments

EFFECTIVITY

This Service Bulletin is applicable to this (these) operator(s) :

36V 67Q ABR AHK BCS CES F2I FDX GBG IRA IRM KAC MGC
MNB MON MRJ MSR MXU SUD TAR THA TMA UPS URS UZB

CONCURRENT REQUIREMENTS

None

REFERENCES / REPERCUSSIONS

TFU	None
OEB	None
AOT	None
SIL	None
LINE MAINTENANCE AFFECTED	No
LIFE LIMIT	None
OTHER	None

NATURE OF THE WORK

AIRCRAFT	YES
EQUIPMENT	YES
HARD	NO
SOFT	NO
OBRM	NO

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MANPOWER

Task 286110-831-895-001: Modification	
TOTAL MANHOURS	15.00
ELAPSED TIME (HOURS)	9.00

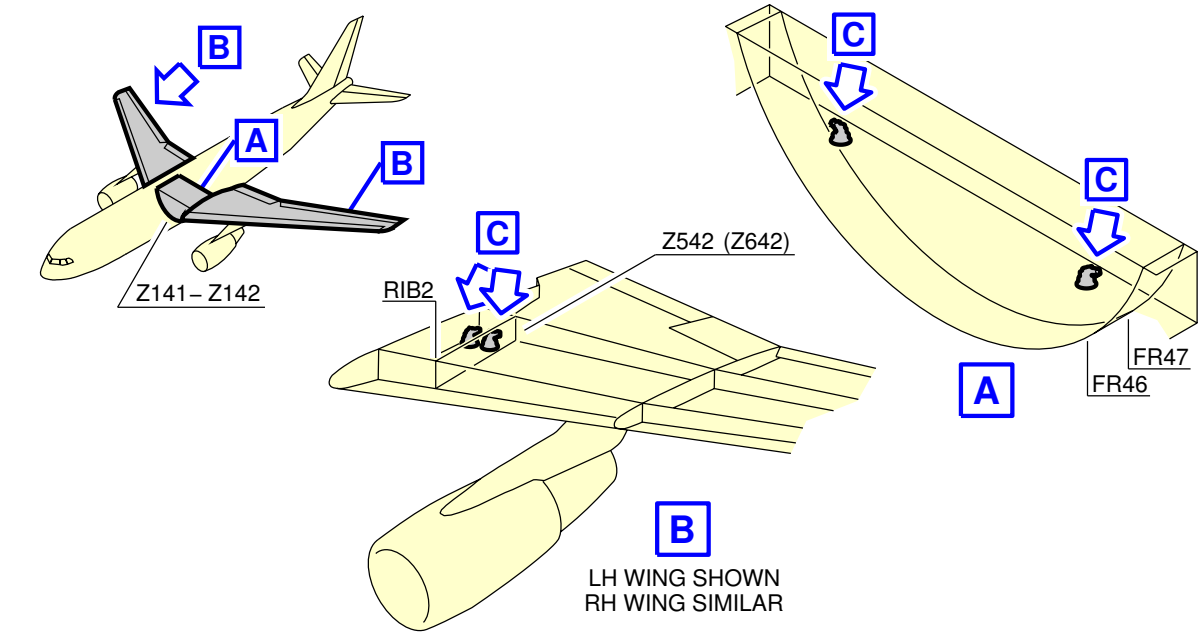
Task 286110-831-896-001: Modification for aircraft that have accomplished this Service Bulletin at Rev 00 - ADDITIONAL WORK	
TOTAL MANHOURS	9.00
ELAPSED TIME (HOURS)	6.00

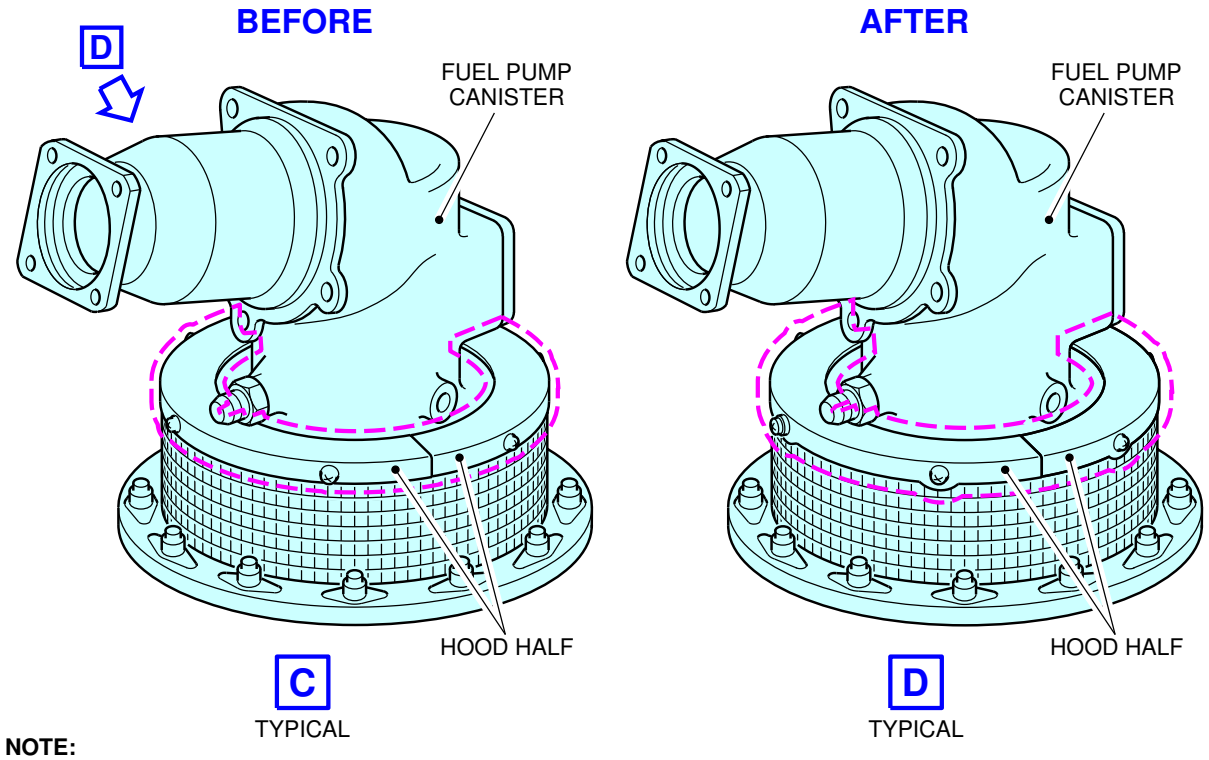
APPENDICES

Appendix 01 - Elapsed Time Assumption

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**CONF ALL





NOTE:

AREA OF MODIFICATION.

D_SB_286110_7_SAAA_01_01

Figure A-USAAA - Sheet 01

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ATA SYSTEM: 28

TITLE: FUEL - MAIN FUEL PUMP SYSTEM - INSTALL FUEL PUMP CANISTER WITH NEW HOOD/MESH IN INNER AND CENTER TANK POSITIONS

MODIFICATION No.: 13644H5743 13739H5755

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1. PLANNING INFORMATION

****CONF ALL**

A. EFFECTIVITY

(1) Models

B4-603 B4-605R B4-620 B4-622 B4-622R C4-605R/F C4-620 F4-605R F4-622R

(2) Effectivity by MSN

0294 0344 0358 0361 0365 0380 0388 0401 0405 0408 0411 0414 0417 0477 0479 0505 0521 0525 0529-0530 0532 0536 0543 0546 0553 0555 0557-0559 0561 0563 0572 0575 0577 0579 0581 0584 0602-0605 0607-0608 0611 0613 0617-0618 0621 0623 0625-0626 0629-0630 0632-0633 0637 0641 0643 0657 0659 0664 0666 0668 0670 0673 0677 0679 0681 0683 0688 0694 0696 0699 0701 0703 0705 0707 0709 0711 0713 0715 0717 0719 0721-0730 0732-0746 0748-0750 0752-0764 0766-0775 0777-0794 0797 0799-0840 0845-0878

(3) Effectivity by Operator

The Operator/MSN relationship is provided for information only and is correct at the time of issue in accordance with the information available to AIRBUS. Any future changes resulting from transfer of an aircraft from one operator to another will not be reflected in this list unless the Service Bulletin is revised for another reason.

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OPERATOR	MSN
36V	0605
67Q	0584 0603 0744 0749 0764
ABR	0683 0770
AHK	0855 0856 0857 0858 0859 0860 0870 0871
BCS	0602 0617 0621 0637 0641 0670 0677 0679 0703 0711 0724 0729 0730 0737 0740 0753 0783 0797 0836 0837
CES	0707 0725 0732 0741 0746 0754 0763
F2I	0294 0529 0557
FDX	0358 0361 0365 0388 0417 0477 0479 0530 0536 0543 0555 0559 0572 0575 0579 0581 0611 0613 0625 0630 0633 0657 0659 0664 0668 0688 0709 0713 0715 0726 0728 0735 0736 0738 0742 0745 0748 0752 0757 0759 0760 0761 0766 0768 0769 0771 0772 0774 0777 0778 0779 0780 0781 0789 0790 0791 0792 0793 0794 0799 0800 0801 0802 0803 0804 0873 0874 0875 0876 0877 0878
GBG	0626 0643
IRA	0632 0696 0723 0727
IRM	0380 0401 0405 0408 0411 0414 0546 0553 0608 0618 0623 0701 0773 0838
KAC	0344 0673 0694 0699 0719 0721
MGC	0743
MNB	0521 0525 0532 0734 0739 0755 0756 0758
MON	0604
MRJ	0750 0762
MSR	0561 0607
MXU	0767 0788
SUD	0666 0775
TAR	0505 0558 0563
THA	0577 0629 0681 0705 0782 0784 0785 0786 0787
TMA	0872
UPS	0805 0806 0807 0808 0809 0810 0811 0812 0813 0814 0815 0816 0817 0818 0819 0820 0821 0822 0823 0824 0825 0826 0827 0828 0829 0830 0831 0832 0833 0834 0835 0839 0840 0845 0846 0847 0848 0849 0850 0851 0852 0853 0854 0861 0862 0863 0864 0865 0866 0867 0868 0869
URS	0733
UZB	0717 0722

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(4) Configuration by MSN

MSN	CONFIGURATION
0294 0344 0358 0361 0365 0380 0388 0401 0405 0408 0411 0414 0417 0477 0479 0505 0521 0525 0529 0530 0532 0536 0543 0546 0553 0555 0557 0558 0559 0561 0563 0572 0575 0577 0579 0581 0584 0602 0603 0604 0605 0607 0608 0611 0613 0617 0618 0621 0623 0625 0626 0629 0630 0632 0633 0637 0641 0643 0657 0659 0664 0666 0668 0670 0673 0677 0679 0681 0683 0688 0694 0696 0699 0701 0703 0705 0707 0709 0711 0713 0715 0717 0719 0721 0722 0723 0724 0725 0726 0727 0728 0729 0730 0732 0733 0734 0735 0736 0737 0738 0739 0740 0741 0742 0743 0744 0745 0746 0748 0749 0750 0752 0753 0754 0755 0756 0757 0758 0759 0760 0761 0762 0763 0764 0766 0767 0768 0769 0770 0771 0772 0773 0774 0775 0777 0778 0779 0780 0781 0782 0783 0784 0785 0786 0787 0788 0789 0790 0791 0792 0793 0794 0797 0799 0800 0801 0802 0803 0804 0805 0806 0807 0808 0809 0810 0811 0812 0813 0814 0815 0816 0817 0818 0819 0820 0821 0822 0823 0824 0825 0826 0827 0828 0829 0830 0831 0832 0833 0834 0835 0836 0837 0838 0839 0840 0845 0846 0847 0848 0849 0850 0851 0852 0853 0854 0855 0856 0857 0858 0859 0860 0861 0862 0863 0864 0865 0866 0867 0868 0869 0870 0871 0872 0873 0874 0875 0876 0877 0878	001

(5) Configuration definition

**CONF 001
Config. 001 is valid for all the aircraft given in the effectivity of this Service Bulletin as a standard configuration.

(6) Material Effectivity

MATERIAL	QTY PER A/C	SEE NOTES
Consumable CMLB01	As required	
Equipment BFEB01	4	(1)
Equipment BFEB02	2	(2)
Reidentified part set REIDB01	1	
Reidentified part set REIDB02	1	(3)

NOTE (1): One Kit BFEB01 is required for each Wing Inner Tank Fuel Pump Canister.

NOTE (2): One Kit BFEB02 is required for each Center Tank Fuel Pump Canister.

NOTE (3): Matset REIDB02 is required to accomplish the Additional Work.

B. CONCURRENT REQUIREMENTS

None

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C. REASON

(1) History

Fuel pump canisters are located in pairs in all fuel tanks. There is a fabricated aluminium hood (in two halves) which forms a surface between the fuel pump inlet mesh and the fuel pump canister body.

Some operators have reported cases of cracking on the hood in the inner wing fuel tanks. On one aircraft, part of the hood detached and was found inside the fuel tank.

Fuel pump canister hoods are currently subject to a mandatory inspection in accordance with Inspection Service Bulletin A300-28-6106.

(2) Objective/Action

Following the investigation into in-service failures, this Service Bulletin introduces new canister hoods for the wing inner tank and the center tank fuel pumps (where fitted) only. No other fuel pump positions are affected by this Service Bulletin.

The new design consists of a new two part stainless steel hood assembly that is installed over the existing inlet mesh as before. To account for tolerances in the inlet mesh diameter and to avoid installation pre-stress, each hood half has an enlarged central hole, through which a stepped fastener is installed.

(3) Advantages

Accomplishment of this Service Bulletin will reduce the scope of the Inspection Service Bulletin A300-28-6106 and will be captured in any future Airworthiness Directive. Accomplishment of this Service Bulletin will also cancel the repeat inspection requirement of the inner wing and center tanks (only).

The installation of a new fuel pump canister hood changes the part number of the canister assembly.

(4) Operational/Maintenance Consequences

None

D. DESCRIPTION

NOTE: If Technical Adaptation TA-SEEE5-2014-1034110 has been embodied, only the re-identification work step is necessary for the ADDITIONAL WORK.

To accomplish this Service Bulletin it is necessary to :

Task 286110-831-895-001: Modification

(1) Replace the Pump Canister Hood Halves

(2) Re-Identification

Task 286110-831-896-001: Modification for aircraft that have accomplished this Service

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Bulletin at Rev 00 - ADDITIONAL WORK

(1) Replace the Outer Attachment Screws of the Fuel Pump Canister Hood Halves

(2) Re-Identification

E. COMPLIANCE

(1) Classification

RECOMMENDED: Service Bulletin recommended to be accomplished to prevent significant operational disruptions.

(2) Accomplishment Timescale

Accomplishment of this Service Bulletin is recommended at the earliest opportunity where manpower and facilities are available.

F. APPROVAL

The technical content of this document is approved under the authority of Design Organisation Approval No. EASA.21J.031.

If an aircraft listed in the effectivity has a modification or repair embodied that is not of AIRBUS origin, and which affects the content of this Service Bulletin, the operator is responsible for obtaining approval by its airworthiness authority for any adaptation necessary before incorporation of the Service Bulletin.

G. MANPOWER

The manpower estimates given in this Service Bulletin are based on the direct labor cost to do the work. These estimates assume that the work will be done by experienced personnel, and may need to be revised upwards to suit operator's circumstances. The estimates do not include the time to prepare, plan or inspect the work. Manufacture and procurement of parts and tools, drying times for paints, sealants, etc., and general administration work are also not included.

Task 286110-831-895-001: Modification	
Get Access	1.00
On Aircraft	
Replace the Pump Canister Hood Halves	12.00
Re-Identification	1.00
Close-Up	1.00
TOTAL MANHOURS	15.00
ELAPSED TIME (HOURS)	9.00

NOTE: For an explanation of the manhours and elapsed time, refer to the Gantt Chart, Fig. A-UAAAA given in Appendix 01 - Elapsed Time Assumption .

Task 286110-831-896-001: Modification for aircraft that have accomplished this Service Bulletin at Rev 00 - ADDITIONAL WORK	
Get Access	1.00

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Task 286110-831-896-001: Modification for aircraft that have accomplished this Service Bulletin at Rev 00 - ADDITIONAL WORK	
On Aircraft	
Replace the Outer Attachment Screws of the Fuel Pump Canister Hood Halves	6.00
Re-Identification	1.00
Close-Up	1.00
TOTAL MANHOURS	9.00
ELAPSED TIME (HOURS)	6.00

NOTE: For an explanation of the manhours and elapsed time, refer to the Gantt Chart, Fig. A-UABAA given in Appendix 01 - Elapsed Time Assumption .

H. WEIGHT AND BALANCE

The weight and balance estimates given in this Service Bulletin are based on the Manufacturer's Empty Weight (MEW) and do not include operator's items. For the definition of MEW and operator's items, refer to the Weight and Balance Manual (WBM) Chapter 1-00-07.

Manufacturers Empty Weight	+0.860 KG	(+1.8959 LB)
Effect on Balance	+25.615 KGM	(+185.273 LB.FT)

I. ELECTRICAL LOAD DATA

Not Changed

J. REFERENCES

Aircraft Maintenance Manual (AMM)	06-21-00 06-41-53 06-41-57 20-21-12 28-00-00 28-10-00 28-11-22 28-11-29
Consumable Material List (CML)	
ATA Common Support Data Dictionary (CSDD), Chapter 2	
Elec. Std. Practices Manual (ESPM)	20-55-00
Process and Material Specification (PMS)	Process and Material Specification (PMS) 01-06-12
Standards Manual (SM)	
Weight and Balance Manual (WBM)	Chapter 1-00-07

K. PUBLICATION AFFECTED

Illustrated Parts Catalog (IPC)	28-21-13 28-21-03

L. INTERCHANGEABILITY/MIXABILITY

DESCRIPTION	OLD PART N°	NEW PART N°	INT	MIXABILITY	SEE NOTES
Screw	MS35206-228	C93-463	01	NO	
Hood Half	205481	C93-467	01	NO	
Washer	AN935-6L	Z4U	01	NO	
Screw	MS35206-228	MS35206-228	01	NO	

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DESCRIPTION	OLD PART N°	NEW PART N°	INT	MIXABILITY	SEE NOTES
Hood Half	3C93-129	C93-467	01	NO	
Fuel Pump Canister	2052C11	2052C11-5	01	NO	
Fuel Pump Canister	2052C12	2052C12-5	01	NO	
Fuel Pump Canister	C93R51-601	C93R51-601-5	01	NO	

NOTE: For definitions of interchangeability codes in column INT., refer to ATA Common Support Data Dictionary (CSDD), Chapter 2.

NOTE: Only the mixability configuration(s) and condition(s) stated in this Service Bulletin are approved.

M. SPARES

None

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2. MATERIAL INFORMATION

****CONF ALL**

A. MATERIAL - PRICE AND AVAILABILITY

(1) Procurement Addresses

Vendor parts are to be procured from:

Equipment BFEB01 Equipment BFEB02	For Europe, Middle East, Africa ZODIAC AEROSPACE 61 Rue Pierre Curie CS20001 78373 Plaisir Cedex FRANCE Phone: +33 161 34 23 23 Phone AOG: +33 172 02 23 23 Fax:+33 161 34 21 08 For USA ZODIAC AEROSPACE 4900 St Joe Boulevard Building 200 Suite 400 College Park GA 30337 USA Phone: +1 678 228 8153 Phone AOG: +1 800 879 0411 Fax:+1 404 559 0041 For Asia ZODIAC AEROSPACE 36 Loyang Drive Singapore 508949 Phone: +65 6579 2230 Phone AOG: +655 9770 5061 Fax:+65 65579 2231

(2) Price and Availability

No AIRBUS kit will be provided.

Procurement terms for the equipment must be negotiated with the equipment supplier.

B. INDUSTRY SUPPORT INFORMATION

AIRBUS will not provide industry support for accomplishment of this Service Bulletin.

C. LIST OF COMPONENTS

No Kit

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D. LIST OF MATERIALS - OPERATOR SUPPLIED

(1) Consumable Materials

Consumable CMLB01

ITEM	DESCRIPTION	REFERENCE TO CML MAT. No.	QTY PER A/C	SEE NOTES
	Solvent	08BBH1	As required	
	Lint-Free Cotton Cloth	14SBA1	As required	

(2) Components

None

(3) Equipment

Equipment BFEB01

ITEM	NEW PART N°	QTY (UM)	KEYWORD	ITEM	OLD PART N°	INT	SEE NOTES
1	C93-467	2	HOOD	(1)	205481	01	
2	MS35206-228	4	SCREW	(2)	MS35206-228	01	
3	Z4U	4	WASHER	(3)	AN935-6L	01	
5	C93-463	2	SCREW	(2)	MS35206-228	01	

NOTE: For definitions of interchangeability codes in column INT., refer to ATA Common Support Data Dictionary (CSDD), Chapter 2.

NOTE: If you find part numbers of hardware components in the related kit(s) which you cannot identify in the LIST OF COMPONENTS of this Service Bulletin, refer to Standards Manual (SM). The SM will give you the correct part number to part number relationship.

NOTE: One Kit BFEB01 is required for each Wing Inner Tank Fuel Pump Canister.

NOTE: To order Kit BFEB01 from the Vendor quote kit ref. KC93-465-1.

NOTE: PN G704900 is an acceptable alternative to MS35206-228.

Equipment BFEB02

ITEM	NEW PART N°	QTY (UM)	KEYWORD	ITEM	OLD PART N°	INT	SEE NOTES
1	C93-467	2	HOOD	(4)	3C93-129	01	
2	MS35206-228	4	SCREW	(2)	MS35206-228	01	
3	Z4U	4	WASHER	(3)	AN935-6L	01	
5	C93-463	2	SCREW	(2)	MS35206-228	01	

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NOTE: For definitions of interchangeability codes in column INT., refer to ATA Common Support Data Dictionary (CSDD), Chapter 2.

NOTE: If you find part numbers of hardware components in the related kit(s) which you cannot identify in the LIST OF COMPONENTS of this Service Bulletin, refer to Standards Manual (SM). The SM will give you the correct part number to part number relationship.

NOTE: One Kit BFEB02 is required for each Center Tank Fuel Pump Canister.

NOTE: To order Kit BFEB02 from the Vendor quote kit ref. KC93-465-1.

NOTE: PN G704900 is an acceptable alternative to MS35206-228.

E. PARTS TO BE RE-IDENTIFIED BY OPERATOR

Reidentified part set REIDB01

ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
	2052C11-5	CANISTER		2052C11	
	2052C12-5	CANISTER		2052C12	
	C93R51-601-5	CANISTER		C93R51-601	

Reidentified part set REIDB02

ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
	2052C11-5	CANISTER		2052C11-4	
	2052C12-5	CANISTER		2052C12-4	
	C93R51-601-5	CANISTER		C93R51-601-4	

NOTE: Matset REIDB02 is required to accomplish the Additional Work.

F. TOOLING

None

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3. ACCOMPLISHMENT INSTRUCTIONS

Task 286110-831-895-001 - Modification

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

WARNING: THIS PROCEDURE USES A FUEL SYSTEM ITEM THAT IS IN A CATEGORY KNOWN AS A CRITICAL DESIGN CONFIGURATION CONTROL LIMITATION (CDCCL) CDCCL IDENTIFIES AN ITEM THAT CAN BE THE SOURCE OF A POSSIBLE FUEL TANK IGNITION. YOU MUST KEEP ALL CDCCL ITEMS IN THE APPROVED CONFIGURATION. DAMAGE, WEAR OR CHANGES TO A CDCCL ITEM CAN CAUSE A POSSIBLE FUEL TANK EXPLOSION.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC; AS NECESSARY ON WIRING AND COMPONENTS.
- REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.

THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.

IF THERE IS CONTAMINATION, REFER TO ESPM 20-55-00.

NOTE: The accomplishment instructions of this Service Bulletin refer to procedures included in other AIRBUS documents. When the words 'refer to' are used and the operator has an accepted alternative procedure, the accepted alternative procedure can be used. When the words 'in accordance with' are included in the instruction, the procedure in the AIRBUS document must be used.

NOTE: The access and close-up instructions, not comprising return to service tests, in this Service Bulletin do not constitute or affect the technical intent of the Service Bulletin. Operators can therefore, as deemed necessary, omit or add access and/or close-up steps to add flexibility to their maintenance operations as long as the technical intent of the Service Bulletin is met within the set parameters.

NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

Task Associated Data

Zone
147 148 540 640
Modified FIN
280014 280015 280016 280017 280022 280023

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Access	
Panel	147AZ 148AZ 540AB 640AB
Manpower	
TOTAL MANHOURS	15.00
ELAPSED TIME (HOURS)	9.00

A. GENERAL

(1) Subtask 286110-910-401-001 - Standard Practices

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	06-21-00, Page Block 001 06-41-53, Page Block 001 06-41-57, Page Block 001 20-21-12, Page Block 001 28-00-00, Page Block 301 28-10-00, Page Block 301
Consumable Material List (CML)	

(a) For the identification of access panels, refer to AMM 06-41-57, Page Block 001 and AMM 06-41-53, Page Block 001.

(b) For the identification of zones, refer to AMM 06-21-00, Page Block 001.

(c) Obey the safety procedures when you do work in a fuel tank, refer to AMM 28-10-00, Page Block 301 and AMM 28-00-00, Page Block 301.

(d) For the specification of materials (Mat. No.) that you must use in this Service Bulletin, refer to Consumable Material List (CML).

(e) To torque tighten the standard threaded fasteners, refer to AMM 20-21-12, Page Block 001.

(f) If alternative and substitute fasteners have to be used, you must make sure that the associated nut/collar are compatible in accordance with SRM 51-40-00 'Mating Part' column.

(g) If the length of any fastener specified in this Service Bulletin does not meet installation standards given in SRM Chapter 51, then a fastener of the same specification, or an approved substitute, with a length which meets the installation standards given in SRM Chapter 51 may be used. In addition, washers may be installed for fastener grip length in accordance with SRM Chapter 51.

(2) Subtask 286110-839-401-001 - Administrative

Manpower Resources	
Skills	NON SPECIFIC

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Write in the applicable aircraft records that you have done all the work given in this Service Bulletin.

B. PREPARATION

(1) Subtask 286110-941-401-001 - Job Set-Up

Work Zones and Access Panels			
	Zone	Access/Work location	
	540	Access	Panel 540AB
	640	Access	Panel 640AB
	147	Access	Panel 147AZ
	148	Access	Panel 148AZ

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	28-10-00, Page Block 301 28-11-22, Page Block 401 28-11-29, Page Block 401

WARNING: YOU MUST OBEY ALL THE SAFETY PROCEDURES WHEN YOU DO WORK IN OR NEAR A FUEL TANK. IF YOU DO NOT OBEY THE SAFETY PROCEDURES, THERE IS A RISK OF:

- DEATH OR INJURY TO PERSONS
- DAMAGE TO THE AIRCRAFT OR TO OTHER EQUIPMENT.

NOTE: The items given in this note shall be considered as the basic Aircraft configuration before you start a maintenance task:

- Aircraft on the ground resting on landing gear (the ground safety locks and the wheel chocks are in position on the landing gear).
- Engine shut down, thrust reversers closed and locked
- Aircraft in clean configuration
- Parking brake applied
- Aircraft electrical network de-energized
- Hydraulic systems depressurized
- Access to the cockpit and cabin is available
- All circuit breakers are in closed position
- All controls in NORM, AUTO or OFF position.

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(a) Prepare the aircraft as specified in AMM Task 'STORAGE - SERVICING (Fuel Tank Draining, Venting and Entry)', refer to AMM 28-10-00, Page Block 301.

1 Before you go into a fuel tank you must complete the Pre-Entry Checklist, refer to AMM 28-10-00, Page Block 301.

(b) Put platforms in position to get access to the applicable zones:

1 Wing tanks inner - zones 540 LH (640 RH).

2 Center tank (if fitted) - zones 141 and 142.

(c) Remove the applicable manhole covers:

1 Wing tanks inner 540AB and 640AB, refer to AMM 28-11-22, Page Block 401.

2 Center tank 147AZ and 148AZ, refer to AMM 28-11-29, Page Block 401.

C. PROCEDURE

(1) Subtask 286110-831-401-001 - Replace the Pump Canister Hood Halves

Work Zones and Access Panels			
	Zone	Access/Work location	
	540	Access	Panel 540AB
	640	Access	Panel 640AB
	147	Access	Panel 147AZ
	148	Access	Panel 148AZ

Manpower Resources	
Manhours	12.00
Minimum number of person	2
Subtask elapsed time	6.00
Skills	AIRFRAME

Material necessary to do the job

Equipment BFEB01				
ITEM	NEW PART N°	QTY (UM)	KEYWORD	SEE NOTES
1	C93-467	2	HOOD	
2	MS35206-228	4	SCREW	
3	Z4U	4	WASHER	
5	C93-463	2	SCREW	

NOTE: One Kit BFEB01 is required for each Wing Inner Tank Fuel Pump Canister.

NOTE: To order Kit BFEB01 from the Vendor quote kit ref. KC93-465-1.

NOTE: PN G704900 is an acceptable alternative to MS35206-228.

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Equipment BFEB02				
ITEM	NEW PART N°	QTY (UM)	KEYWORD	SEE NOTES
1	C93-467	2	HOOD	
2	MS35206-228	4	SCREW	
3	Z4U	4	WASHER	
5	C93-463	2	SCREW	

NOTE: One Kit BFEB02 is required for each Center Tank Fuel Pump Canister.

NOTE: To order Kit BFEB02 from the Vendor quote kit ref. KC93-465-1.

NOTE: PN G704900 is an acceptable alternative to MS35206-228.

Consumable CMLB01				
ITEM	DESCRIPTION	REFERENCE TO CML MAT. No.	QTY PER A/C	SEE NOTES
	Solvent	08BBH1	As required	
	Lint-Free Cotton Cloth	14SBA1	As required	

References	
Fig. A-UBAAA Removal and Installation of the Hood Halves in the Wing Inner Tank Canister Pumps	Sheet 01 Sheet 02
Fig. A-UCAAA Removal and Installation of the Hood Halves in the Center Tank Canister Pumps	Sheet 01 Sheet 02

NOTE: This procedure is applicable to each affected pump canister.

(a) Remove the hood halves, from the pump canisters (FIN 280014 and FIN 280016 (LH), and FIN 280015 and FIN 280017 (RH), in the wing inner tank, as follows:

Refer to Fig. A-UBAAA Sheet 01.

1 Clean the surface area of the fuel pump canister. Use:

Lint-Free Cotton Cloth	14SBA1	As required

made moist with:

Solvent	08BBH1	As required

2 Remove:

6	Screw	MS35206-228	Item (2)	Discard
6	Washer	AN935-6L	Item (3)	Discard

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2	Hood Half	205481	Item (1)	Discard

NOTE: Make sure that the canister hood halves (and fasteners) are removed from the fuel tank in their entirety. If any fragment of a canister hood is found to be missing, make sure that it is removed from the fuel tank.

(b) Clean the pump mesh filter. Use:

Lint-Free Cotton Cloth	14SBA1	As required

made moist with:

Solvent	08BBH1	As required

(c) Visually inspect the pump mesh filter for signs of holes and a satisfactory weld where it attaches to the top land. If any damage is found, replace mesh.

(d) Install the new hood halves, on the pump canisters (FIN 280014 and FIN 280016 (LH), and FIN 280015 and FIN 280017 (RH)), in the wing inner tank, as follows:

Refer to Fig. A-UBAAA Sheet 02.

1 Install:

2	Hood Half	C93-467	Item 1

Use:

4	Screw	MS35206-228	Item 2
2	Stepped Screw Assy	C93-463	Item 5
4	Washer	Z4U	Item 3

Make sure that the clearance between the two Hood Halves, item 1, are the same after installation, refer to Fig. A-UBAAA Sheet 02.

2 Torque the Screw, Item 2 and the Stepped Screw Assembly, Item 5, to 0.2 m.daN (1.47 lbf ft).

(e) Remove the hood halves, from the pump canisters (FIN 280022 (LH) and FIN 280023 (RH)), in the center tank, as follows:

Refer to Fig. A-UCAAA Sheet 01.

1 Clean the surface area of the fuel pump canister. Use:

Lint-Free Cotton Cloth	14SBA1	As required

made moist with:

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Solvent	08BBH1	As required	

2 Remove:

6	Screw	MS35206-228	Item (2)	Discard
6	Washer	AN935-6L	Item (3)	Discard
2	Hood Half	3C93-129	Item (4)	Discard

NOTE: Make sure that the canister hood halves (and fasteners) are removed from the fuel tank in their entirety. If any fragment of a canister hood is found to be missing, make sure that it is removed from the fuel tank.

(f) Clean the pump mesh filter. Use:

Lint-Free Cotton Cloth	14SBA1	As required

made moist with:

Solvent	08BBH1	As required

(g) Visually inspect the pump mesh filter for signs of holes and a satisfactory weld where it attaches to the top land. If any damage is found, replace mesh.

(h) Install the new hood halves, on the pump canisters (FIN 280022 (LH) and FIN 280023 (RH)), in the center tank, as follows:

Refer to Fig. A-UCAAA Sheet 02.

1 Install:

2	Hood Half	C93-467	Item 1

Use:

4	Screw	MS35206-228	Item 2
2	Stepped Screw Assy	C93-463	Item 5
4	Washer	Z4U	Item 3

Make sure that the clearance between the two Hood Halves, item 1, are the same after installation, refer to Fig. A-UCAAA Sheet 02.

2 Torque the Screw, Item 2 and the Stepped Screw Assembly, Item 5, to 0.2 m.daN (1.47 lbf ft).

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(2) Subtask 286110-930-401-001 - Re-Identification

Manpower Resources	
Manhours	1.00
Minimum number of person	1
Subtask elapsed time	1.00
Skills	AIRFRAME

Material necessary to do the job

Reidentified part set REIDB01

ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
	2052C11-5	CANISTER		2052C11	
	2052C12-5	CANISTER		2052C12	
	C93R51-601-5	CANISTER		C93R51-601	

References	
Process and Material Specification (PMS)	Process and Material Specification (PMS) 01-06-12

(a) Re-identify the fuel pump canisters, in the wing inner tank:

4 Fuel Pump Canister 2052C11

becomes:

4 Fuel Pump Canister 2052C11-5

or:

4 Fuel Pump Canister 2052C12

becomes:

4 Fuel Pump Canister 2052C12-5

Refer to PMS 01-06-12.

(b) Re-identify the fuel pump canisters, in the center tank:

2 Fuel Pump Canister C93R51-601

becomes:

2 Fuel Pump Canister C93R51-601-5

Refer to PMS 01-06-12.

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D. TEST

(1) Subtask 286110-700-401-001 - Testing

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	28-11-22, Page Block 401 28-11-29, Page Block 401

(a) The test procedure, is included in the "Close-Up" for the "Installation of the manhole covers, refer to AMM 28-11-22, Page Block 401 and AMM 28-11-29, Page Block 401.

E. CLOSE-UP

(1) Subtask 286110-942-401-001 - Close-Up

Work Zones and Access Panels			
	Zone	Access/Work location	
	540	Access	Panel 540AB
	640	Access	Panel 640AB
	147	Access	Panel 147AZ
	148	Access	Panel 148AZ

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	28-11-22, Page Block 401 28-11-29, Page Block 401

(a) Make sure that the work areas are clean and clear of tools and other items of equipment.

(b) Install these manhole covers:

1 On the inner wing tanks install: 540AB and 640AB, refer to AMM 28-11-22, Page Block 401.

2 On the center tank install: 147AZ and 148AZ, refer to AMM 28-11-29, Page Block 401.

(c) Remove the access platforms.

(d) Put the aircraft back to its initial configuration.

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Task 286110-831-896-001 - Modification for aircraft that have accomplished this Service Bulletin at Rev 00 - ADDITIONAL WORK

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

WARNING: THIS INSTRUCTION IS APPLICABLE TO A CRITICAL DESIGN CONFIGURATION CONTROL LIMITATION (CDCCL). CAREFULLY OBEY ALL GIVEN INSTRUCTIONS WHEN YOU DO THIS STEP. IF YOU DO NOT OBEY THESE INSTRUCTIONS, A DANGEROUS CONDITION CAN OCCUR THAT CAN CAUSE A POSSIBLE FUEL TANK EXPLOSION.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC; AS NECESSARY ON WIRING AND COMPONENTS.
- REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.

THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.

IF THERE IS CONTAMINATION, REFER TO ESPM 20-55-00.

NOTE: The accomplishment instructions of this Service Bulletin include procedures given in other documents or in other sections of the Service Bulletin. When the words 'refer to' are used and the operator has a procedure accepted by the local authority he belongs to, the accepted alternative procedure can be used. When the words 'in accordance with' are used then the given procedure must be followed.

NOTE: The access and close-up instructions, not comprising return to service tests, in this Service Bulletin do not constitute or affect the technical intent of the Service Bulletin. Operators can therefore, as deemed necessary, omit or add access and/or close-up steps to add flexibility to their maintenance operations as long as the technical intent of the Service Bulletin is met within the set parameters.

NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

Task Associated Data

Zone	
147 148 540 640	
Modified FIN	
280014 280015 280016 280017 280022 280023	
Access	
Panel	147AZ 148AZ 540AB 640AB

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Manpower	
TOTAL MANHOURS	9.00
ELAPSED TIME (HOURS)	6.00

A. GENERAL

(1) Subtask 286110-910-402-001 - Standard Practices

Manpower Resources	
Skills	NON SPECIFIC

References	
Aircraft Maintenance Manual (AMM)	06-21-00, Page Block 001 06-41-53, Page Block 001 06-41-57, Page Block 001 20-21-12, Page Block 001 28-00-00, Page Block 301 28-10-00, Page Block 301
Consumable Material List (CML)	

(a) For the identification of access panels, refer to AMM 06-41-57, Page Block 001 and AMM 06-41-53, Page Block 001.

(b) For the identification of zones, refer to AMM 06-21-00, Page Block 001.

(c) Obey the safety procedures when you do work in a fuel tank, refer to AMM 28-10-00, Page Block 301 and AMM 28-00-00, Page Block 301.

(d) For the specification of materials (Mat. No.) that you must use in this Service Bulletin, refer to Consumable Material List (CML).

(e) To torque tighten the standard threaded fasteners, refer to AMM 20-21-12, Page Block 001.

(f) If alternative and substitute fasteners have to be used, you must make sure that the associated nut/collar are compatible in accordance with SRM 51-40-00 'Mating Part' column.

(g) If the length of any fastener specified in this Service Bulletin does not meet installation standards given in SRM Chapter 51, then a fastener of the same specification, or an approved substitute, with a length which meets the installation standards given in SRM Chapter 51 may be used. In addition, washers may be installed for fastener grip length in accordance with SRM Chapter 51.

(2) Subtask 286110-839-402-001 - Administrative

Manpower Resources	
Skills	NON SPECIFIC

Write in the applicable aircraft records that you have done all the work given in this Service Bulletin.

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B. PREPARATION

(1) Subtask 286110-941-402-001 - Job Set-up

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	28-10-00, Page Block 301 28-11-22, Page Block 401 28-11-29, Page Block 401

WARNING: YOU MUST OBEY ALL THE SAFETY PROCEDURES WHEN YOU DO WORK IN OR NEAR A FUEL TANK. IF YOU DO NOT OBEY THE SAFETY PROCEDURES, THERE IS A RISK OF:

- DEATH OR INJURY TO PERSONS
- DAMAGE TO THE AIRCRAFT OR TO OTHER EQUIPMENT.

NOTE: The items given in this note shall be considered as the basic Aircraft configuration before you start a maintenance task:

- Aircraft on the ground resting on landing gear (the ground safety locks and the wheel chocks are in position on the landing gear).
- Engine shut down, thrust reversers closed and locked
- Aircraft in clean configuration
- Parking brake applied
- Aircraft electrical network de-energized
- Hydraulic systems depressurized
- Access to the cockpit and cabin is available
- All circuit breakers are in closed position
- All controls in NORM, AUTO or OFF position.

(a) Prepare the aircraft as specified in AMM Task 'STORAGE - SERVICING (Fuel Tank Draining, Venting and Entry)', refer to AMM 28-10-00, Page Block 301.

1 Before you go into a fuel tank you must complete the Pre-Entry Checklist, refer to AMM 28-10-00, Page Block 301.

(b) Put platforms in position to get access to the applicable zones:

1 Wing tanks inner - zones 540 LH (640 RH).

2 Center tank (if fitted) - zones 141 and 142.

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(c) Remove the applicable manhole covers:

1 Wing tanks inner 540AB and 640AB, refer to AMM 28-11-22, Page Block 401.

2 Center tank 147AZ and 148AZ, refer to AMM 28-11-29, Page Block 401.

C. PROCEDURE

NOTE: If Technical Adaptation TA-SEEE5-2014-1034110 has been embodied, only the re-identification work step is necessary for the ADDITIONAL WORK.

(1) Subtask 286110-831-402-001 - Replace the Outer Attachment Screws of the Fuel Pump Canister Hood Halves

Work Zones and Access Panels			
	Zone	Access/Work location	
	540	Access	Panel 540AB
	640	Access	Panel 640AB
	147	Access	Panel 147AZ
	148	Access	Panel 148AZ

Manpower Resources	
Manhours	6.00
Minimum number of person	2
Subtask elapsed time	3.00
Skills	AIRFRAME

Material necessary to do the job

Equipment BFEB01				
ITEM	NEW PART N°	QTY (UM)	KEYWORD	SEE NOTES
2	MS35206-228	4	SCREW	

NOTE: One Kit BFEB01 is required for each Wing Inner Tank Fuel Pump Canister.

NOTE: To order Kit BFEB01 from the Vendor quote kit ref. KC93-465-1.

NOTE: PN G704900 is an acceptable alternative to MS35206-228.

Equipment BFEB02				
ITEM	NEW PART N°	QTY (UM)	KEYWORD	SEE NOTES
2	MS35206-228	4	SCREW	

NOTE: One Kit BFEB02 is required for each Center Tank Fuel Pump Canister.

NOTE: To order Kit BFEB02 from the Vendor quote kit ref. KC93-465-1.

NOTE: PN G704900 is an acceptable alternative to MS35206-228.

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References	
Fig. A-UBAAA Removal and Installation of the Hood Halves in the Wing Inner Tank Canister Pumps	Sheet 01 Sheet 02
Fig. A-UCAAA Removal and Installation of the Hood Halves in the Center Tank Canister Pumps	Sheet 01 Sheet 02

NOTE: This procedure is applicable to each affected pump canister.

(a) Remove the hood half fasteners, from the pump canisters (FIN 280014 and FIN 280016 (LH), and FIN 280015 and FIN 280017 (RH)), in the wing inner tank, as follows:

Refer to Fig. A-UBAAA Sheet 01.

1 Remove:

4	Screw	CV003	Item (2)	Discard
4	Washer	Z4U	Item (3)	Retain

NOTE: Make sure that the canister hood fasteners are removed from the fuel tank.

(b) Install the new hood half fasteners on the pump canisters (FIN 280014 and FIN 280016 (LH), and FIN 280015 and FIN 280017 (RH)), in the wing inner tank, as follows:

Refer to Fig. A-UBAAA Sheet 02.

1 Install:

4	Screw	MS35206-228	Item 2	
4	Washer	Z4U	Item (3)	Retained at removal

Make sure that the clearance between the two Hood Halves, item 1, are the same after installation of the fasteners, refer to Fig. A-UBAAA Sheet 02.

2 Torque the Screw, Item 2, to 0.2 m.daN (1.47 lbf ft).

(c) Remove the hood half fasteners, from the pump canisters (FIN 280022 (LH) and FIN 280023 (RH)), in the center tank, as follows:

Refer to Fig. A-UCAAA Sheet 01.

1 Remove:

4	Screw	CV003	Item (2)	Discard

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4	Washer	Z4U	Item (3)	Retain

NOTE: Make sure that the canister hood half fasteners are removed from the fuel tank.

(d) Install the hood half fasteners on the pump canisters (FIN 280022 (LH) and FIN 280023 (RH)), in the center tank, as follows:

Refer to Fig. A-UCAAA Sheet 02.

1 Install:

4	Screw	MS35206-228	Item 2	
4	Washer	Z4U	Item (3)	Retained at removal

Make sure that the clearance between the two Hood Halves, item 1, are the same after installation, refer to Fig. A-UCAAA Sheet 02.

2 Torque the Screw, Item 2, to 0.2 m.daN (1.47 lbf ft).

(2) Subtask 286110-930-402-001 - Re-Identification

Manpower Resources	
Manhours	1.00
Minimum number of person	1
Subtask elapsed time	1.00
Skills	AIRFRAME

Material necessary to do the job

Reidentified part set REIDB02					
ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
	2052C11-5	CANISTER		2052C11-4	
	2052C12-5	CANISTER		2052C12-4	
	C93R51-601-5	CANISTER		C93R51-601-4	

NOTE: Matset REIDB02 is required to accomplish the Additional Work.

References	
Process and Material Specification (PMS)	Process and Material Specification (PMS) 01-06-12

(a) Re-identify the fuel pump canisters, in the wing inner tank:

4	Fuel Pump Canister	2052C11-4

becomes:

4	Fuel Pump Canister	2052C11-5

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or:

4 Fuel Pump Canister 2052C12-4

becomes:

4 Fuel Pump Canister 2052C12-5

Refer to PMS 01-06-12.

(b) Re-identify the fuel pump canisters, in the center tank:

2 Fuel Pump Canister C93R51-601-4

becomes:

2 Fuel Pump Canister C93R51-601-5

Refer to PMS 01-06-12.

D. TEST

(1) Subtask 286110-700-402-001 - Testing

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	28-11-22, Page Block 401 28-11-29, Page Block 401

(a) The test procedure is included in the "Close-Up" for "Installation of the manhole covers", refer to AMM 28-11-22, Page Block 401 and AMM 28-11-29, Page Block 401.

E. CLOSE-UP

(1) Subtask 286110-942-402-001 - Close-up

Work Zones and Access Panels			
	Zone	Access/Work location	
	540	Access	Panel 540AB
	640	Access	Panel 640AB
	147	Access	Panel 147AZ
	148	Access	Panel 148AZ

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	28-11-22, Page Block 401 28-11-29, Page Block 401

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(a) Make sure that the work areas are clean and clear of tools and other items of equipment.

(b) Install these manhole covers:

1 On the inner wing tanks install: 540AB and 640AB, refer to AMM 28-11-22, Page Block 401.

2 On the center tank install: 147AZ and 148AZ, refer to AMM 28-11-29, Page Block 401.

(c) Remove the access platforms.

(d) Put the aircraft back to its initial configuration.

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**CONF ALL

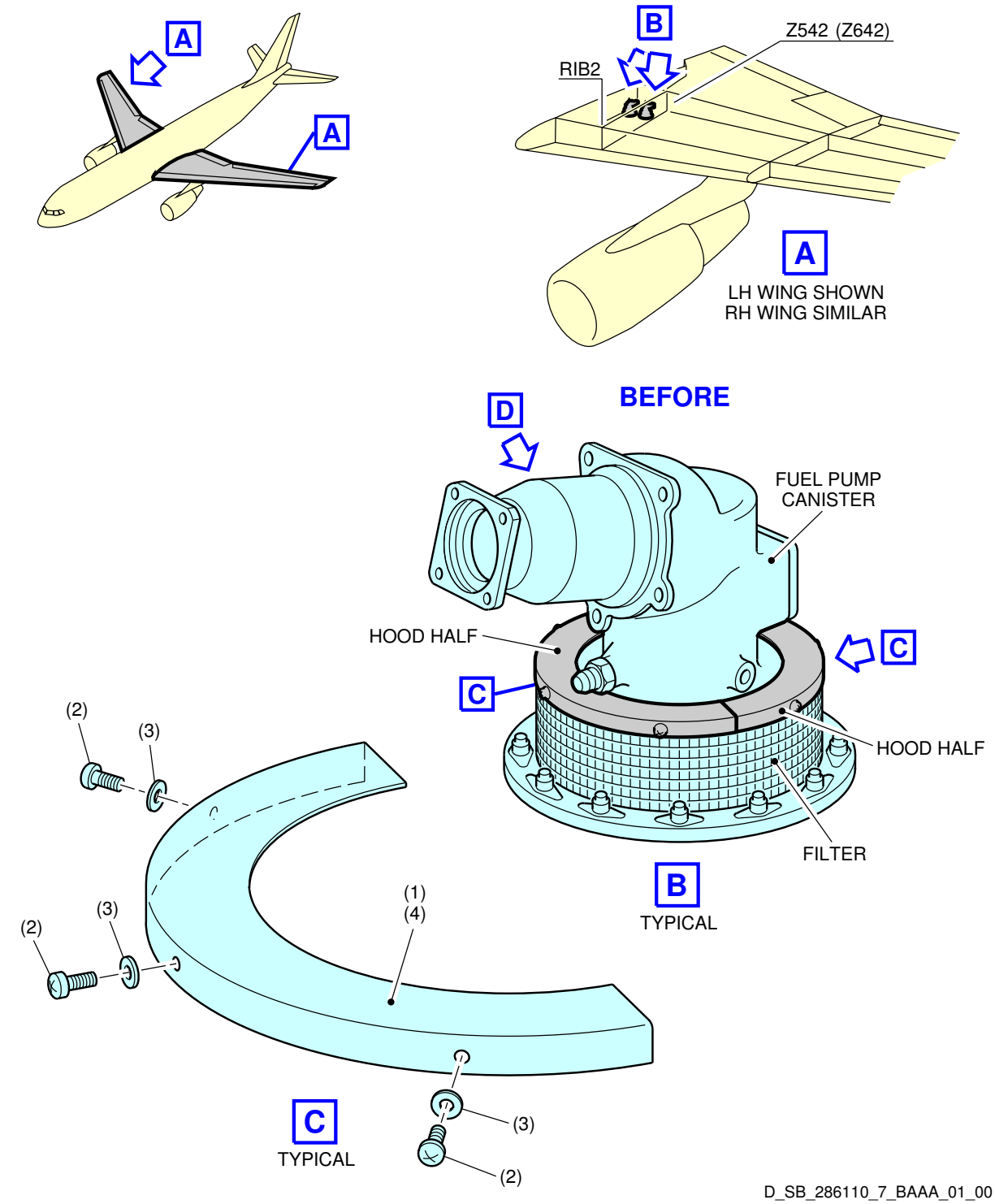
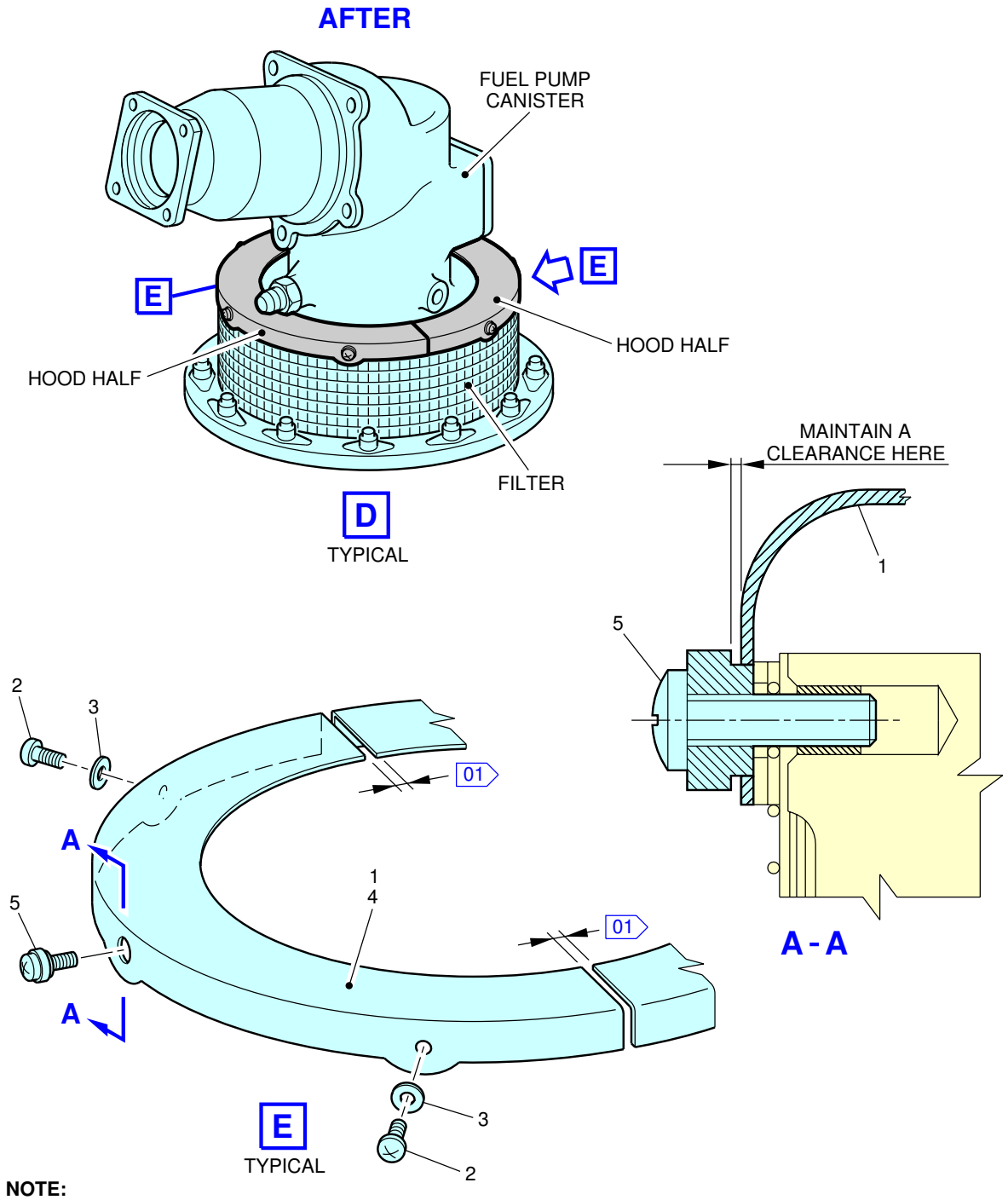


Figure A-UBAAA - Sheet 01
Removal and Installation of the Hood Halves in the Wing Inner Tank Canister Pumps

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NOTE:

01 MAKE SURE THAT THE CLEARANCE IS EQUAL BETWEEN THE HOOD HALVES.

D_SB_286110_7_BAAA_02_01

Figure A-UBAAA - Sheet 02
Removal and Installation of the Hood Halves in the Wing Inner Tank Canister Pumps

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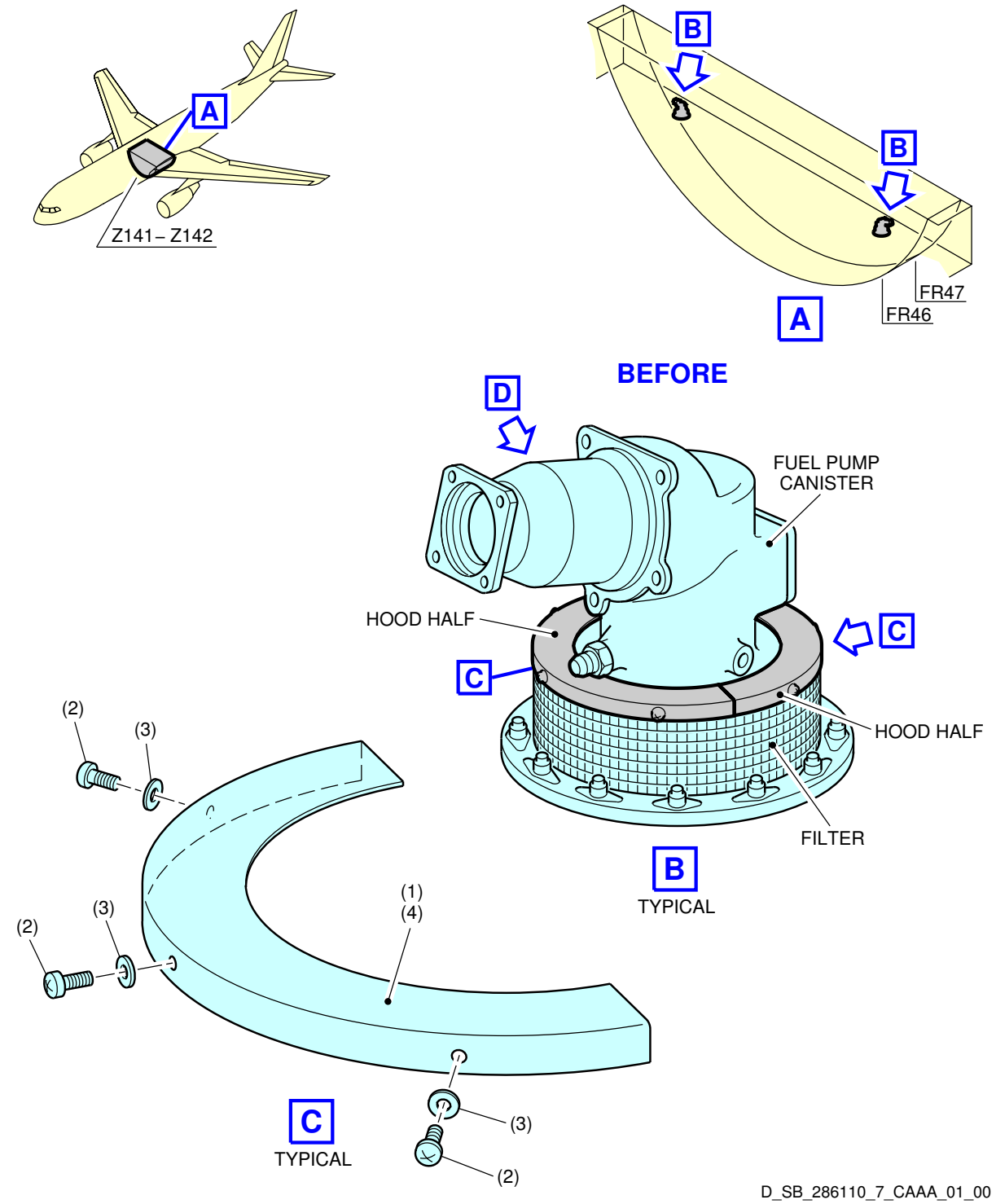
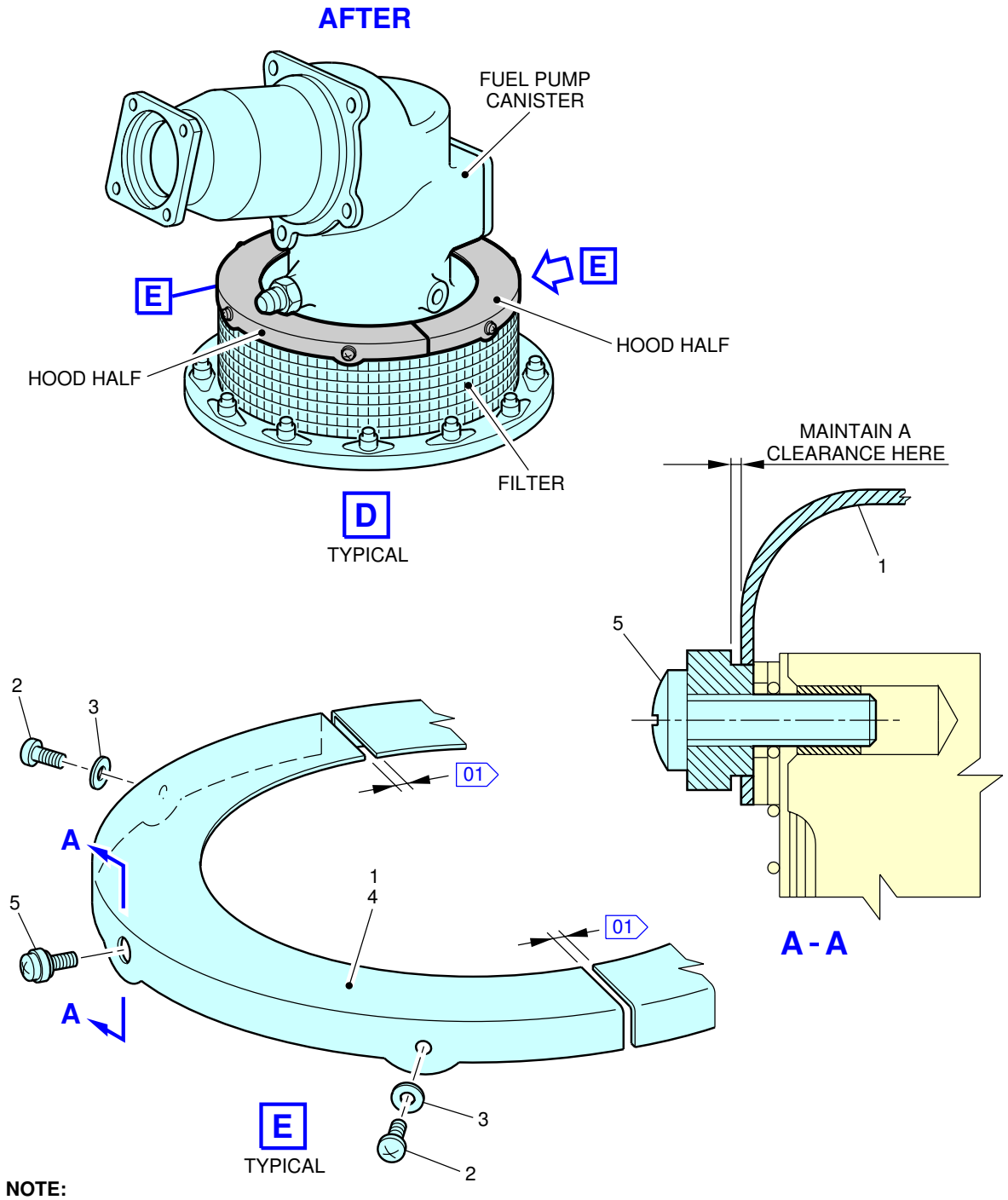


Figure A-UCAAA - Sheet 01
Removal and Installation of the Hood Halves in the Center Tank Canister Pumps

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NOTE:

01 MAKE SURE THAT THE CLEARANCE IS EQUAL BETWEEN THE HOOD HALVES.

D_SB_286110_7_CAAA_02_01

Figure A-UCAAA - Sheet 02
Removal and Installation of the Hood Halves in the Center Tank Canister Pumps

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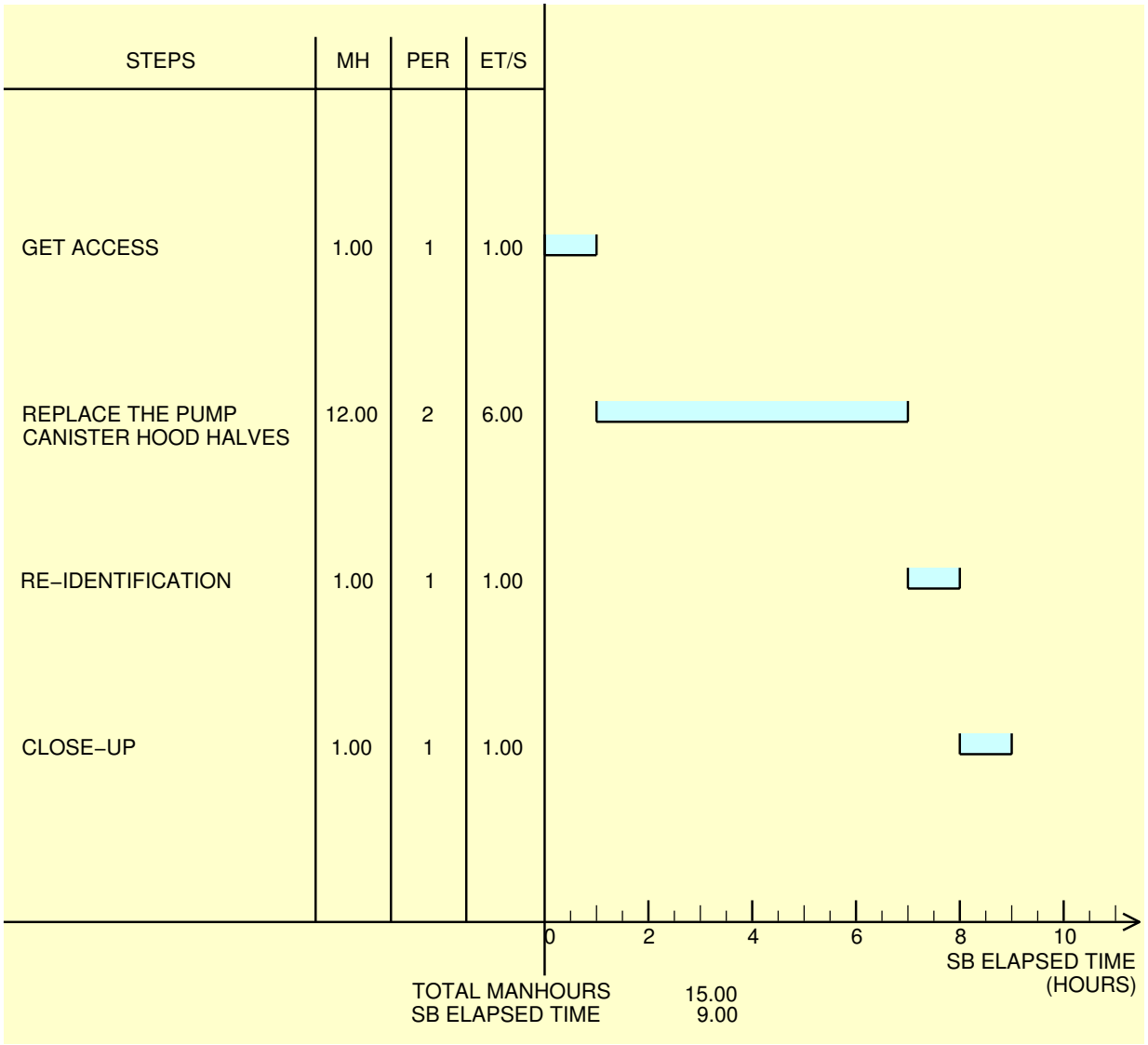
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For an explanation of the manhours and elapsed time, refer to the Gantt Chart given in Appendix 01.

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ELAPSED TIME ASSUMPTION SERVICE BULLETIN No. A300–28–6110 01 02



NOTES:

01 THIS CHART IS ONLY A PROPOSAL.
OPERATORS MAY DETERMINE THAT ANOTHER WAY TO DO THE WORK IS MORE SUITABLE FOR THEM.

02 IF A VSB IS INVOLVED, THE ASSOCIATED MANHOURS ARE NOT REFLECTED IN THIS GANTT CHART.

MH : MANHOURS
PER : NUMBER OF PERSONS
ET/S: ELAPSED TIME PER STEP

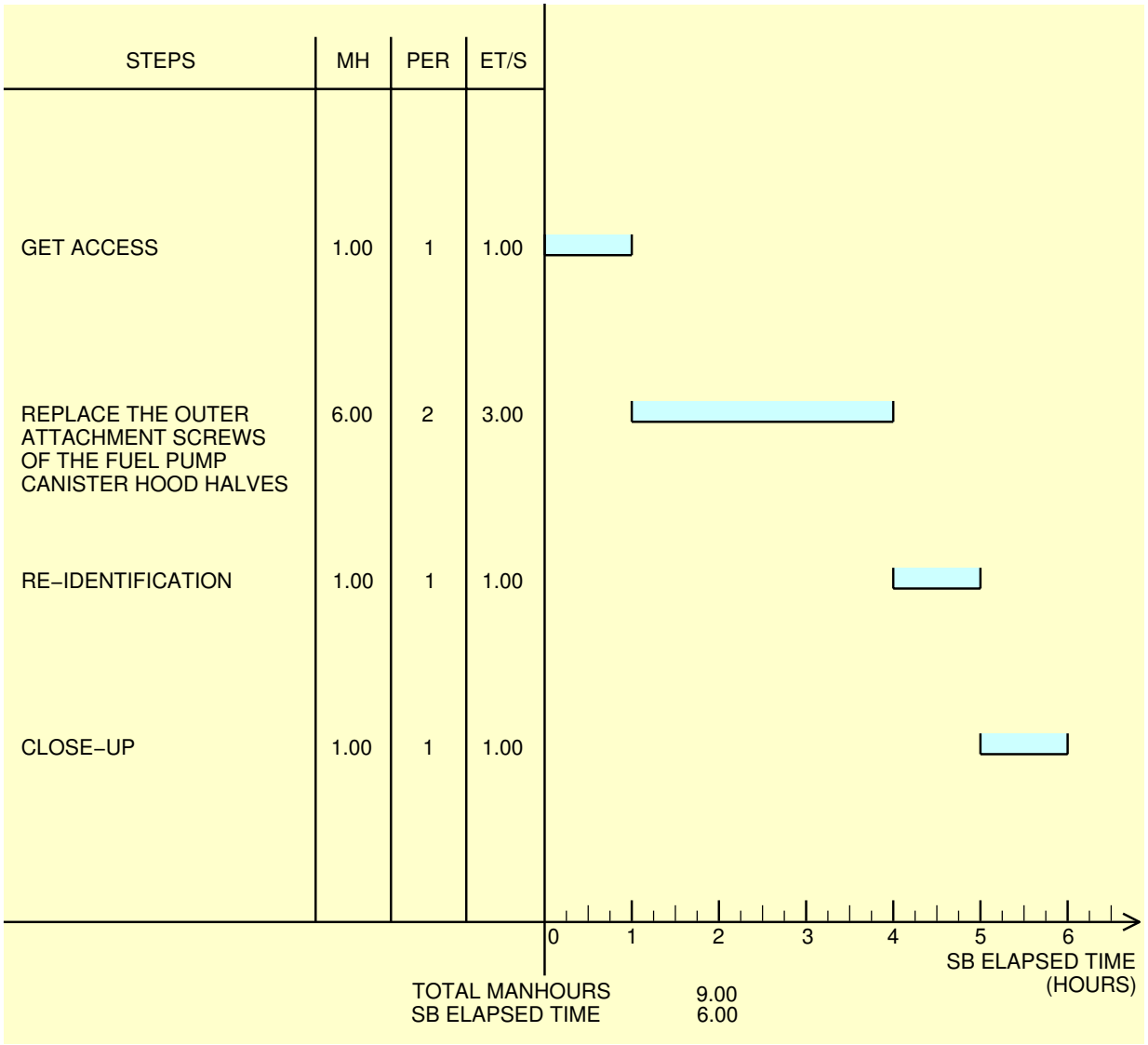
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Figure A-UAAAA - Sheet 01
Gantt Chart

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ELAPSED TIME ASSUMPTION SERVICE BULLETIN No. A300–28–6110 01 02



NOTES:

01 THIS CHART IS ONLY A PROPOSAL.
OPERATORS MAY DETERMINE THAT ANOTHER WAY TO DO THE WORK IS MORE SUITABLE FOR THEM.

02 IF A VSB IS INVOLVED, THE ASSOCIATED MANHOURS ARE NOT REFLECTED IN THIS GANTT CHART.

MH : MANHOURS
PER : NUMBER OF PERSONS
ET/S: ELAPSED TIME PER STEP

D_SB_286110_7_ABAA_01_02

Figure A-UABAA - Sheet 01
Gantt Chart - Additional Work

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SERVICE BULLETIN
REPORTING SHEET

TITLE: FUEL - MAIN FUEL PUMP SYSTEM - INSTALL FUEL PUMP CANISTER WITH NEW HOOD/MESH IN INNER AND CENTER TANK POSITIONS

MODIFICATION No.: 13644H5743 13739H5755

Please complete the appropriate item (A or B):
A - SB WILL BE embodied YES/NO (if NO please comment)
If YES, aircraft concerned (as per SB effectivity by default) and planned dates (month/year) of embodiment:

B - SB HAS BEEN embodied on aircraft:

Operator comments:

From Airline:
Name/Title:
Signature: Date:

If operational documentation is affected (see Paragraph 1.K of this SB): If information is needed prior to next normal revision or prior to SB embodiment, please indicate required service(s):
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