SERVICE BULLETIN
SUMMARY

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

MANDATORY MANDATORY MANDATORY

ATA SYSTEM: 52

TITLE: DOORS - MAIN GEAR DOORS - INSPECTION OF THE MLG HINGED FAIRING TIE ROD FOR CORRECT SURFACE TREATMENT

****CONF ALL**

MODIFICATIONS

None

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

AIRBUS quality control have identified that the threads of some Tie Rod Assemblies, Part Number (PN) D52840212000/002, fitted at the Hinged Fairing of the Main Landing Gear (MLG) have been manufactured with the cadmium plating omitted. This process leaves the threads in a condition which can cause galvanic corrosion and cause a potential failure of the Tie Rod Assembly.

This Service Bulletin details the inspection instructions to identify if the conforming cadmium plate has been applied to the threads of the Tie Rod ends.

If the correct corrosion protection (passivated and cadmium) has not been applied, instructions are also included in this Service Bulletin to replace the affected Tie Rod Assembly.

Accomplishment of this Inspection Service Bulletin will make sure that all Tie Rod ends conform to the correct protective treatment specification.

GENERAL EVALUATION

EVALUATION TABLE			
COMPLIANCE	MANDATORY (1)	CANCELS INSPECTION SB	NO
POTENTIAL AD	YES	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
NORMAL JACKING	YES		

NOTE (1): Service Bulletin must be accomplished.

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MATERIAL PRICE INFORMATION

MATERIAL PRICE INFORMATION TABLE			
MATERIAL SET	**QTY PER A/C**	**PRICE PER A/C (USD)**	**MAIN PARTS**
Component COMPB01	1	See SB	Tie Rod Assembly

EFFECTIVITY

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

AAL	ABY	ANZ	AVA	AXM	BER	CBJ	CCA	CES	CQH	CRK	CSN	CSZ
CTV	DKH	DLH	ETD	EVA	EZY	FFT	GIA	IBE	IGO	JBU	LAN	NKS
ONE	PAL	SAA	SBI	TAI	TAM	TTW	USA	WOW	WZZ			

CONCURRENT REQUIREMENTS

None

REFERENCES / REPERCUSSIONS

TFU	52.81.00.016
OEB	None
AOT	None
SIL	None
ISI	None
LINE MAINTENANCE AFFECTED	No
LIFE LIMIT	None
OTHER	None

NATURE OF THE WORK

AIRCRAFT	YES
EQUIPMENT	NO
HARD	NO
SOFT	NO
OBRM	NO

MANPOWER

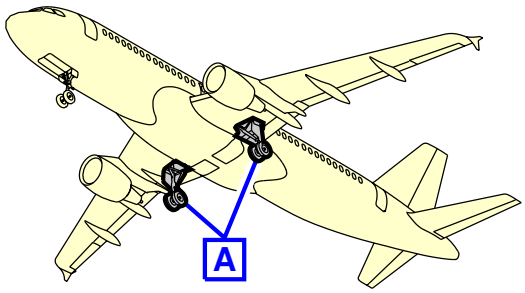
Task 521167-832-895-001: Inspection	
TOTAL MANHOURS	15.00
ELAPSED TIME (HOURS)	15.00

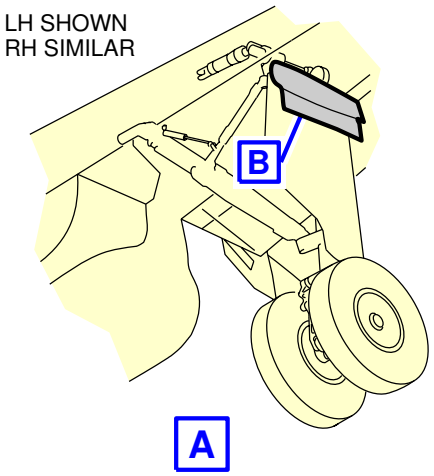
APPENDICES

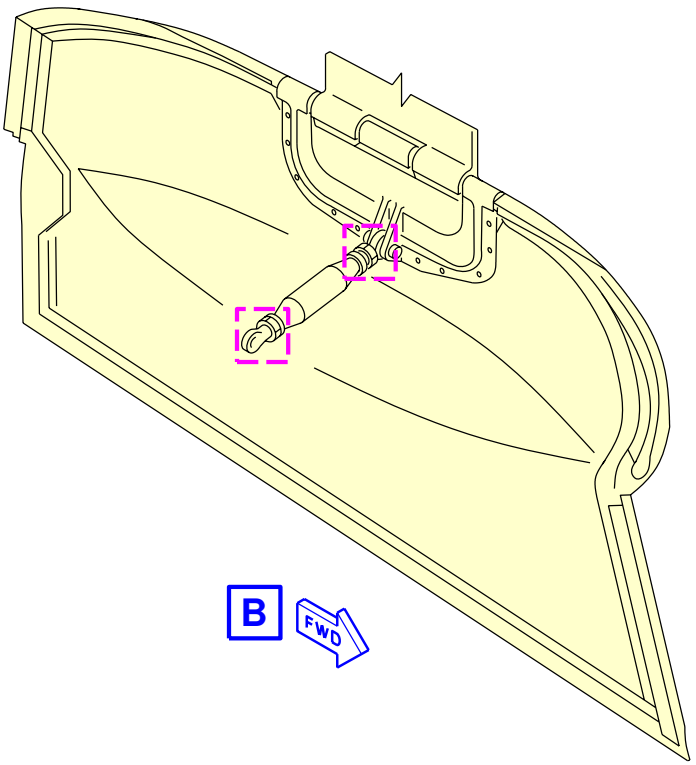
None

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**CONF ALL







INSPECTION AREA

N_SB_521167_7_SAAA_01_00

Figure A-USAAA - Sheet 01

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MANDATORY MANDATORY MANDATORY

ATA SYSTEM: 52

TITLE: DOORS - MAIN GEAR DOORS - INSPECTION OF THE MLG HINGED FAIRING TIE ROD FOR CORRECT SURFACE TREATMENT

MODIFICATION No.: None

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1. PLANNING INFORMATION

****CONF ALL**

A. EFFECTIVITY

(1) Models

319-115 319-132 320-214 320-216 320-232 321-211 321-213 321-231

(2) Effectivity by MSN

6165-6219 6221-6222 6224-6227 6230-6231 6233-6234 6236 6238 6241 6243-6247 6249 6252-6253 6255 6260-6261 6267

(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.

OPERATOR	MSN
AAL	6222 6227 6238 6252
ABY	6166 6176 6234
ANZ	6182

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OPERATOR	MSN
AVA	6167 6174 6209 6219
AXM	6170 6178 6204 6215
BER	6168
CBJ	6198 6206 6212
CCA	6169 6196
CES	6180 6191 6199 6203 6213 6260
CQH	6216 6218 6231
CRK	6246
CSN	6186 6205 6211 6233 6241 6261
CSZ	6197 6217
CTV	6207 6224
DKH	6172 6221
DLH	6202 6225
ETD	6226
EVA	6179
EZY	6177 6188 6192 6267
FFT	6184
GIA	6243
IBE	6244
IGO	6208 6247
JBU	6185 6245
LAN	6183
NKS	6193
ONE	6173
PAL	6201 6253
SAA	6189 6200
SBI	6171
TAI	6190
TAM	6165
TTW	6187
USA	6175 6181 6194 6214 6230 6236 6249 6255
WOW	6210
WZZ	6195

(4) Configuration by MSN

MSN	CONFIGURATION
6165 6166 6167 6168 6169 6170 6171 6172 6173 6174 6175 6176 6177 6178 6179 6180 6181 6182 6183 6184 6185 6186 6187 6188 6189 6190 6191 6192 6193 6194 6195 6196 6197 6198 6199 6200 6201 6202 6203 6204 6205 6206 6207 6208 6209 6210 6211 6212 6213 6214 6215 6216 6217 6218 6219 6221 6222 6224 6225 6226 6227 6230 6231 6233 6234 6236 6238 6241 6243 6244 6245 6246 6247 6249 6252 6253 6255 6260 6261 6267	001

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(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
Component COMPB01	1	
Consumable CMLB01	1	

B. CONCURRENT REQUIREMENTS

None

C. REASON

(1) History

AIRBUS quality control have identified that the threads of some Tie Rod Assemblies, Part Number (PN) D52840212000/002, fitted at the Hinged Fairing of the Main Landing Gear (MLG) have been manufactured with the cadmium plating omitted. This process leaves the threads in a condition which can cause galvanic corrosion and cause a potential failure of the Tie Rod Assembly.

(2) Objective/Action

This Service Bulletin details the inspection instructions to identify if the conforming cadmium plate has been applied to the threads of the Tie Rod ends.

If the correct corrosion protection (passivated and cadmium) has not been applied, instructions are also included in this Service Bulletin to replace the affected Tie Rod Assembly.

(3) Advantages

Accomplishment of this Inspection Service Bulletin will make sure that all Tie Rod ends conform to the correct protective treatment specification.

(4) Operational/Maintenance Consequences

None

D. DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

Task 521167-832-895-001: Inspection

(1) Do a Detailed Inspection (DET) of the Threads on the LH MLG Tie Rod Assembly

(2) Do a Detailed Inspection (DET) of the Threads on the RH MLG Tie Rod Assembly

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(3) Replace the LH Tie Rod Assembly, if necessary

(4) Replace the RH Tie Rod Assembly, if necessary

E. COMPLIANCE

(1) Classification

MANDATORY: Service Bulletin must be accomplished.

(2) Accomplishment Timescale

This Service Bulletin has been classified Mandatory by the issue of an Airworthiness Directive (AD) published by the European Aviation Safety Agency (EASA). The AD must be used as the reference document for the mandated accomplishment timescale.

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 521167-832-895-001: Inspection	
Get Access	0.50
On Aircraft	
Do a Detailed Inspection (DET) of the Threads on the LH MLG Tie Rod Assembly	0.25
Do a Detailed Inspection (DET) of the Threads on the RH MLG Tie Rod Assembly	0.25
Replace the LH Tie Rod Assembly, if necessary	6.50
Replace the RH Tie Rod Assembly, if necessary	6.50
Tests	0.50
Close-Up	0.50
TOTAL MANHOURS	15.00
ELAPSED TIME (HOURS)	15.00

NOTE: The minimum manhours necessary to accomplish this Service Bulletin are those for the Inspection. Depending on the inspection result, additional

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manhours can apply.

H. WEIGHT AND BALANCE

Not Changed

I. ELECTRICAL LOAD DATA

Not Changed

J. REFERENCES

Aircraft Maintenance Manual (AMM)	06-20-00 32-11-11 32-31-00	07-11-00 32-12-13 57-26-21	12-34-24 32-12-14
Consumable Material List (CML)			
Elec. Std. Practices Manual (ESPM)	20-55-00		
Standards Manual (SM)			

K. PUBLICATION AFFECTED

None

L. INTERCHANGEABILITY/MIXABILITY

Not Applicable

M. SPARES

None

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2. MATERIAL INFORMATION

****CONF ALL**

A. MATERIAL - PRICE AND AVAILABILITY

(1) Procurement Addresses

Customers with aircraft shown in the effectivity of this Service Bulletin should send a purchase order to AIRBUS. Quote the number of this Service Bulletin. The address is:

Component COMPB01	AIRBUS Material, Logistics and Suppliers IFD In Flight Desk Weg beim Jaeger 150 D-22335 HAMBURG GERMANY For ordering by internet: http://spares.airbus.com For ordering by fax: +49 40 50 76 4012 For ordering by E-mail: ifd.spares@airbus.com

(2) Price and Availability

No AIRBUS kit will be provided.

Operator supplied AIRBUS parts required to accomplish this Service Bulletin are to be purchased by a spares purchase order.

B. INDUSTRY SUPPORT INFORMATION

AIRBUS will credit the man hours indicated in this Service Bulletin for inspections that are performed on aircraft in warranty at the time of such inspection. Credit will be at the agreed inhouse warranty labour rate. Claims for labour allowance should be received not later than 90 days after completion of the last affected warranted aircraft.

For those aircraft in warranty at the time of such inspection with findings further to inspection as per this Service Bulletin, AIRBUS will share the costs of accomplishment of this Service Bulletin by crediting the operator supplied AIRBUS parts for orders placed before Aug 31/18. Claims for this allowance should be received not later than 90 days after completion of the last affected aircraft of your fleet.

AIRBUS will credit the man hours indicated in this Service Bulletin for corrections that are performed on aircraft in warranty at the time of such correction. Credit will be at the agreed inhouse warranty labour rate. Claims for labour allowance should be received not later than 90 days after completion of the last affected warranted aircraft.

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
	Non Aqueous Cleaner-General	08BAA9	As required	
	Textile-Lint Free Cotton	14SBA1	As required	

(2) Components

Component COMPB01

ITEM	NEW PART N°	QTY (UM)	KEYWORD	ITEM	OLD PART N°	INT	SEE NOTES
1	D5284021200000	2	ROD				
1	D5284021200200	2	ROD				
2	NSA5474-3K7	2	NUT				
7	MS24665-304	2	PIN				
8	NSA5060-6	2	NUT				

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: The above list of components is not an AIRBUS Kit, the required parts shall be ordered as necessary through the given channel.

(3) Equipment

None

E. PARTS TO BE RE-IDENTIFIED BY OPERATOR

None

F. TOOLING

None

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3. ACCOMPLISHMENT INSTRUCTIONS

Task 521167-832-895-001 - Inspection

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

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.

NOTE: This Service Bulletin is classified mandatory or expected to be classified mandatory by an Airworthiness Directive (AD). The paragraphs 3.C. and 3.D. in these accomplishment instructions are Required for Compliance (RC) and must be done to comply with the AD. Other paragraphs are recommended and may be deviated from, done as part of other actions or done with accepted methods different from those given in the Service Bulletin, as long as the RC paragraphs can be done and the aircraft can be put back into a serviceable condition.

NOTE: The purpose of flow charts is to supplement the information given in the Procedure and Compliance paragraphs and not to serve as the primary source for tasks or compliance times given in this Service Bulletin.

NOTE: Discarded parts must be managed at the operator’s discretion.

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Task Associated Data

Zone	
731 741	
Manpower	
TOTAL MANHOURS	15.00
ELAPSED TIME (HOURS)	15.00

A. GENERAL

(1) Subtask 521167-910-401-001 - Standard Practices

Manpower Resources	
Skills	NON SPECIFIC

References	
Aircraft Maintenance Manual (AMM)	06-20-00, Page Block 001
Consumable Material List (CML)	

(a) For the specification of materials (Mat. No.) given in this Service Bulletin refer to Consumable Materials List (CML).

(b) For the identification of zones, refer to AMM 06-20-00, Page Block 001.

(2) Subtask 521167-839-401-001 - Administrative

Manpower Resources	
Skills	NON SPECIFIC

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

B. PREPARATION

(1) Subtask 521167-941-401-001 - Job Set-up

Work Zones and Access Panels			
	Zone	Access/Work location	
	731	Work location	LH Main Landing Gear
	741	Work location	RH Main Landing Gear

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 07-11-00-581-001 Task 12-34-24-869-002

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

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- 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) Make sure that the aircraft is electrically grounded, refer to AMM Task 12-34-24-869-002.

(b) Put the aircraft on jacks, refer to AMM Task 07-11-00-581-001.

NOTE: Only jack the aircraft if it is necessary to replace a tie rod.

(c) Put an access platform in position at the LH and RH Main Landing Gear (MLG).

C. PROCEDURE

(1) Subtask 521167-220-401-001 - Do a Detailed Inspection (DET) of the Threads on the LH MLG Tie Rod Assembly

Work Zones and Access Panels			
	Zone	Access/Work location	
	731	Work location	LH Main Landing Gear

Manpower Resources	
Manhours	0.25
Minimum number of person	1
Subtask elapsed time	0.25
Skills	AIRFRAME

References	
Fig. A-UBAAA Inspect the MLG Tie Rod Thread	Sheet 01
Fig. A-UFAAA Flow chart	Sheet 01

(a) Identify the Tie Rod assembly, Part Number (PN), D52840212000/002, refer to Fig. A-UBAAA Sheet 01, View B and View C.

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(b) Do a Detailed Inspection (DET) of the Tie Rod threads to confirm that the correct corrosion protection has been applied, refer to Fig. A-UBAAA Sheet 01, View C and Fig. A-UFAAA Sheet 01.

(c) If the Tie Rod threads do not have the correct corrosion protection (Passivated only), identified by a silver surface finish, go to SUBTASK 521167-831-401 001 Replace the LH Tie Rod Assembly, if necessary .

(d) If the Tie Rod threads have the correct corrosion protection (Cadmium Plated and Passivated), identified by a gold surface finish, then no further action is necessary, go to SUBTASK 521167-942-401 001 Close-up .

(2) Subtask 521167-220-402-001 - Do a Detailed Inspection (DET) of the Threads on the RH MLG Tie Rod Assembly

Work Zones and Access Panels			
	Zone	Access/Work location	
	741	Work location	RH Main Landing Gear

Manpower Resources	
Manhours	0.25
Minimum number of person	1
Subtask elapsed time	0.25
Skills	AIRFRAME

References	
Fig. A-UBAAA Inspect the MLG Tie Rod Thread	Sheet 01
Fig. A-UFAAA Flow chart	Sheet 01

(a) Identify the Tie Rod assembly, Part Number (PN), D52840212000/002, refer to Fig. A-UBAAA Sheet 01, View B and View C.

(b) Do a Detailed Inspection (DET) of the Tie Rod threads to confirm that the correct corrosion protection has been applied, refer to Fig. A-UBAAA Sheet 01, View C.

(c) If the Tie Rod threads do not have the correct corrosion protection (Passivated only), identified by a silver surface finish, go to SUBTASK 521167-831-402 001 Replace the RH Tie Rod Assembly, if necessary .

(d) If the Tie Rod threads have the correct corrosion protection (Cadmium Plated and Passivated), identified by a gold surface finish, then no further action is necessary, go to SUBTASK 521167-942-401 001 Close-up .

(3) Subtask 521167-831-401-001 - Replace the LH Tie Rod Assembly, if necessary

Work Zones and Access Panels			
	Zone	Access/Work location	
	731	Work location	LH Main Landing Gear

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Manpower Resources	
Manhours	6.50
Minimum number of person	1
Subtask elapsed time	6.50
Skills	AIRFRAME

Material necessary to do the job

Component COMPB01

ITEM	NEW PART N°	QTY (UM)	KEYWORD	SEE NOTES
1	D5284021200000	1	ROD	
1	D5284021200200	1	ROD	
2	NSA5474-3K7	1	NUT	
7	MS24665-304	1	PIN	
8	NSA5060-6	1	NUT	

NOTE: The above list of components is not an AIRBUS Kit, the required parts shall be ordered as necessary through the given channel.

Consumable CMLB01

ITEM	DESCRIPTION	REFERENCE TO CML MAT. No.	QTY PER A/C	SEE NOTES
	Non Aqueous Cleaner-General	08BAA9	As required	
	Textile-Lint Free Cotton	14SBA1	As required	

References	
Aircraft Maintenance Manual (AMM)	Task 32-11-11-000-001 Task 32-11-11-400-001 Task 32-12-13-400-001 Task 32-12-14-000-001 Task 32-12-14-400-001 Task 57-26-21-000-001 Task 57-26-21-400-001
Fig. A-UCAAA Replace the Tie Rod Assembly	Sheet 01

(a) Remove the fixed fairing, refer to AMM Task 32-12-14-000-001.

NOTE: Do not move the locknuts or you will cause the fixed fairing to go out of adjustment.

(b) From the hinged fairing of the LH MLG, refer to Fig. A-UCAAA Sheet 01, View C and AMM Task 57-26-21-000-001, remove:

NOTE: Do not remove the secondary hinged fairing.

1	Nut	NSA5474-3K7	Item (2)	Discard

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1	Bolt	NAS1303-3	Item (3)	Retain
1	Clamp	NSA5516CA26ND	Item (12)	Retain
	or			
1	Clamp	NSA5516CA26NV	Item (12)	Retain
1	Pin-Cotter	MS24665-304	Item (7)	Discard
1	Nut	NSA5060-6	Item (8)	Discard
1	Washer	SP127J	Item (9)	Retain
1	Bolt,Hexagon Head,Close Tolerance	NAS6706D19	Item (10)	Retain
1	Bush	NSA5121C06-110	Item (11)	Retain

(c) From the MLG Leg Assembly LH, refer to Fig. A-UCAAA Sheet 01, View C and AMM Task 32-11-11-000-001, remove:

1	Bolt	AN3H20A	Item (4)	Retain
1	Washer	AN960-10L	Item (5)	Retain
1	Pin	201056885	Item (6)	Retain
1	Rod Assy	D5284021200000	Item (1)	Discard
	or remove:			
1	Rod Assy	D5284021200200	Item (1)	Discard

(d) Clean the work areas, use:

Textile-Lint Free Cotton	14SBA1	As required
made moist with		
Non Aqueous Cleaner-General	08BAA9	As required

(e) At the hinged fairing of the LH MLG, refer to Fig. A-UCAAA Sheet 01, View C and refer to AMM Task 57-26-21-400-001, install:

1	Rod Assy	D5284021200000	Item 1
	or install:		
1	Rod Assy	D5284021200200	Item 1

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with:

1	Bush	NSA5121C06-110	Item (11)	Retained at removal
1	Bolt,Hexagon Head,Close Tolerance	NAS6706D19	Item (10)	Retained at removal
1	Washer	SP127J	Item (9)	Retained at removal
1	Nut	NSA5060-6	Item 8	
1	Pin-Cotter	MS24665-304	Item 7	
1	Clamp	NSA5516CA26ND	Item (12)	Retained at removal
	or			
1	Clamp	NSA5516CA26NV	Item (12)	Retained at removal
1	Bolt	NAS1303-3	Item (3)	Retained at removal
1	Nut	NSA5474-3K7	Item 2	

(f) At the MLG Leg Assembly LH, refer to Fig. A-UCAAA Sheet 01, View C and AMM Task 32-11-11-400-001, install:

1	Pin	201056885	Item (6)	Retained at removal
1	Washer	AN960-10L	Item (5)	Retained at removal
1	Bolt	AN3H20A	Item (4)	Retained at removal

(g) Install the fixed fairing, refer to AMM Task 32-12-14-400-001.

(h) Do the adjustment of the secondary hinge fairing, refer to AMM Task 32-12-13-400-001.

NOTE: It is not necessary to install the secondary hinge fairing in the AMM task.

(i) Do the adjustment of the fixed fairing, refer to AMM Task 32-12-14-400-001.

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(4) Subtask 521167-831-402-001 - Replace the RH Tie Rod Assembly, if necessary

Work Zones and Access Panels			
	Zone	Access/Work location	
	741	Work location	RH Main Landing Gear

Manpower Resources	
Manhours	6.50
Minimum number of person	1
Subtask elapsed time	6.50
Skills	AIRFRAME

Material necessary to do the job

Component COMPB01

ITEM	NEW PART N°	QTY (UM)	KEYWORD	SEE NOTES
1	D5284021200000	1	ROD	
1	D5284021200200	1	ROD	
2	NSA5474-3K7	1	NUT	
7	MS24665-304	1	PIN	
8	NSA5060-6	1	NUT	

NOTE: The above list of components is not an AIRBUS Kit, the required parts shall be ordered as necessary through the given channel.

Consumable CMLB01

ITEM	DESCRIPTION	REFERENCE TO CML MAT. No.	QTY PER A/C	SEE NOTES
	Non Aqueous Cleaner-General	08BAA9	As required	
	Textile-Lint Free Cotton	14SBA1	As required	

References	
Aircraft Maintenance Manual (AMM)	Task 32-11-11-000-001 Task 32-11-11-400-001 Task 32-12-13-400-001 Task 32-12-14-000-001 Task 32-12-14-400-001 Task 57-26-21-000-001 Task 57-26-21-400-001
Fig. A-UCAAA Replace the Tie Rod Assembly	Sheet 01

(a) Remove the fixed fairing, refer to AMM Task 32-12-14-000-001.

NOTE: Do not move the locknuts or you will cause the fixed fairing to go out of adjustment.

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(b) From the hinged fairing of the RH MLG, refer to Fig. A-UCAAA Sheet 01, View C and AMM Task 57-26-21-000-001, remove:

NOTE: Do not remove the secondary hinged fairing.

1	Nut	NSA5474-3K7	Item (2)	Discard
1	Bolt	NAS1303-3	Item (3)	Retain
1	Clamp	NSA5516CA26ND	Item (12)	Retain
	or			
1	Clamp	NSA5516CA26NV	Item (12)	Retain
1	Pin-Cotter	MS24665-304	Item (7)	Discard
1	Nut	NSA5060-6	Item (8)	Discard
1	Washer	SP127J	Item (9)	Retain
1	Bolt,Hexagon Head,Close Tolerance	NAS6706D19	Item (10)	Retain
1	Bush	NSA5121C06-110	Item (11)	Retain

(c) From the MLG Leg Assembly RH, refer to Fig. A-UCAAA Sheet 01, View C and AMM Task 32-11-11-000-001, remove:

1	Bolt	AN3H20A	Item (4)	Retain
1	Washer	AN960-10L	Item (5)	Retain
1	Pin	201056885	Item (6)	Retain
1	Rod Assy	D5284021200000	Item (1)	Discard
	or remove:			
1	Rod Assy	D5284021200200	Item (1)	Discard

(d) Clean the work areas, use:

Textile-Lint Free Cotton	14SBA1	As required
made moist with		
Non Aqueous Cleaner-General	08BAA9	As required

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(e) At the hinged fairing of the RH MLG, refer to Fig. A-UCAAA Sheet 01, View C and refer to AMM Task 57-26-21-400-001, install:

1	Rod Assy	D5284021200000	Item 1	
	or install:			
1	Rod Assy	D5284021200200	Item 1	
	with:			
1	Bush	NSA5121C06-110	Item (11)	Retained at removal
1	Bolt,Hexagon Head,Close Tolerance	NAS6706D19	Item (10)	Retained at removal
1	Washer	SP127J	Item (9)	Retained at removal
1	Nut	NSA5060-6	Item 8	
1	Pin-Cotter	MS24665-304	Item 7	
1	Clamp	NSA5516CA26ND	Item (12)	Retained at removal
	or			
1	Clamp	NSA5516CA26NV	Item (12)	Retained at removal
1	Bolt	NAS1303-3	Item (3)	Retained at removal
1	Nut	NSA5474-3K7	Item 2	

(f) At the MLG Leg Assembly RH, refer to Fig. A-UCAAA Sheet 01, View C and AMM Task 32-11-11-400-001, install:

1	Pin	201056885	Item (6)	Retained at removal
1	Washer	AN960-10L	Item (5)	Retained at removal
1	Bolt	AN3H20A	Item (4)	Retained at removal

(g) Install the fixed fairing, refer to AMM Task 32-12-14-400-001.

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(h) Do the adjustment of the secondary hinge fairing, refer to AMM Task 32-12-13-400-001.

NOTE: It is not necessary to install the secondary hinge fairing in the AMM task.

(i) Do the adjustment of the fixed fairing, refer to AMM Task 32-12-14-400-001.

D. TEST

(1) Subtask 521167-710-401-001 - Test

Manpower Resources	
Skills	NON SPECIFIC

References	
Aircraft Maintenance Manual (AMM)	Task 32-31-00-720-002

CAUTION: MAKE SURE THAT YOU DO THE FUNCTIONAL TEST, IF YOU HAVE REPLACED A TIE ROD.

(a) If necessary, do a functional test of the MLG, refer to AMM Task 32-31-00-720-002.

E. CLOSE-UP

(1) Subtask 521167-942-401-001 - Close-up

Work Zones and Access Panels			
	Zone	Access/Work location	
	731	Work location	LH Main Landing Gear
	741	Work location	RH Main Landing Gear

Manpower Resources	
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 07-11-00-586-002

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

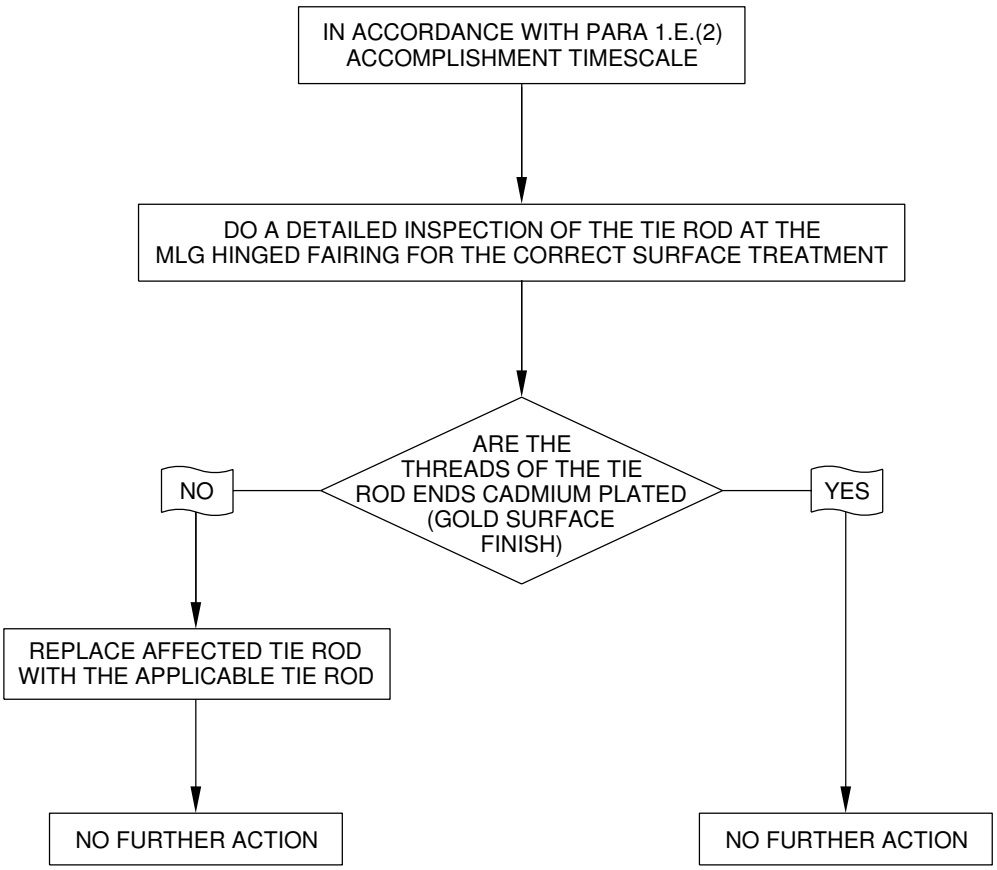
(b) Remove the access platform(s).

(c) Lower the aircraft from the jacks, refer to AMM Task 07-11-00-586-002.

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

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**CONF ALL



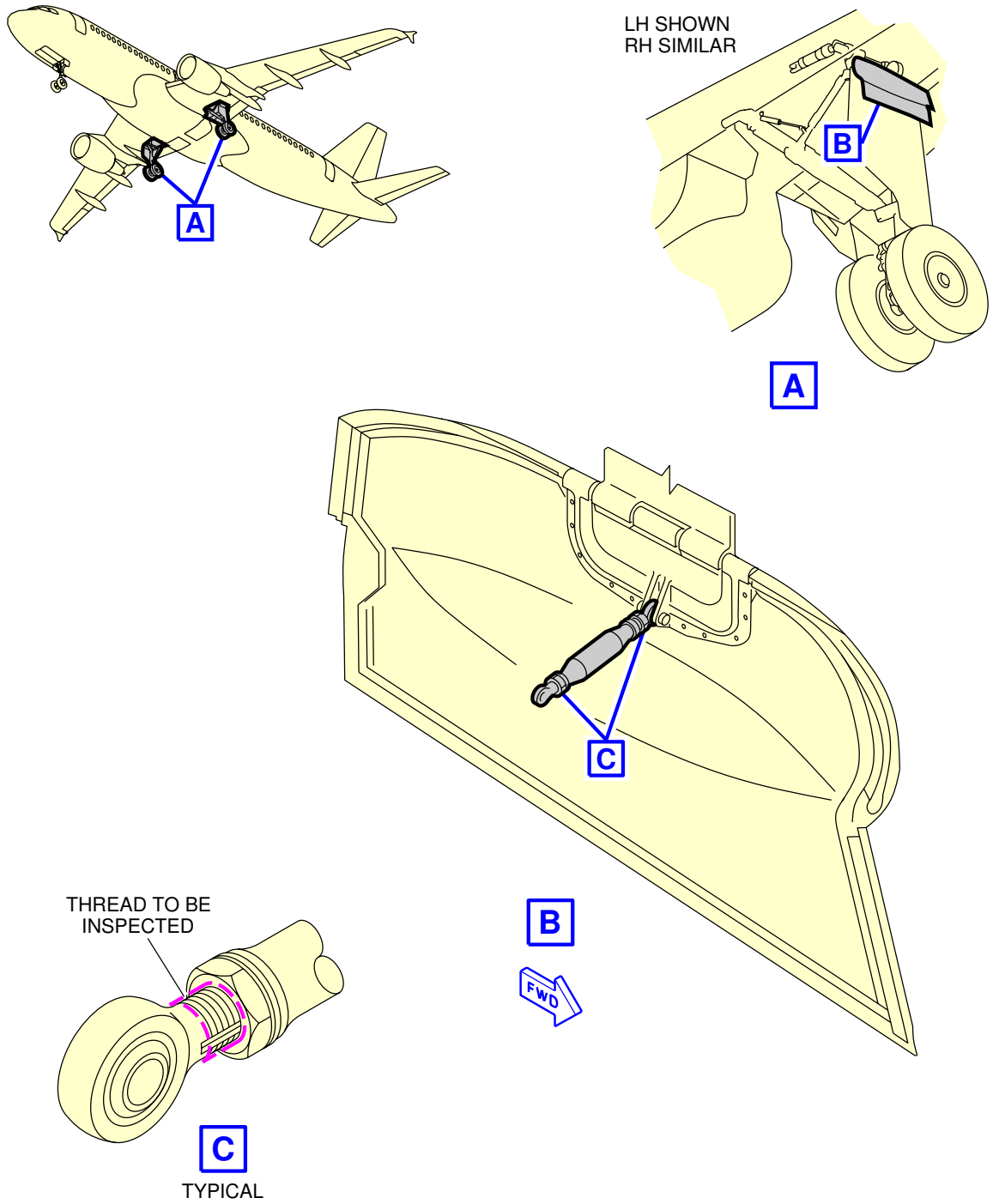
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N_SB_521167_7_FAAA_01_02

Figure A-UFAAA - Sheet 01
Flow chart

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N_SB_521167_7_BAAA_01_01

Figure A-UBAAA - Sheet 01
Inspect the MLG Tie Rod Thread

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**CONF ALL

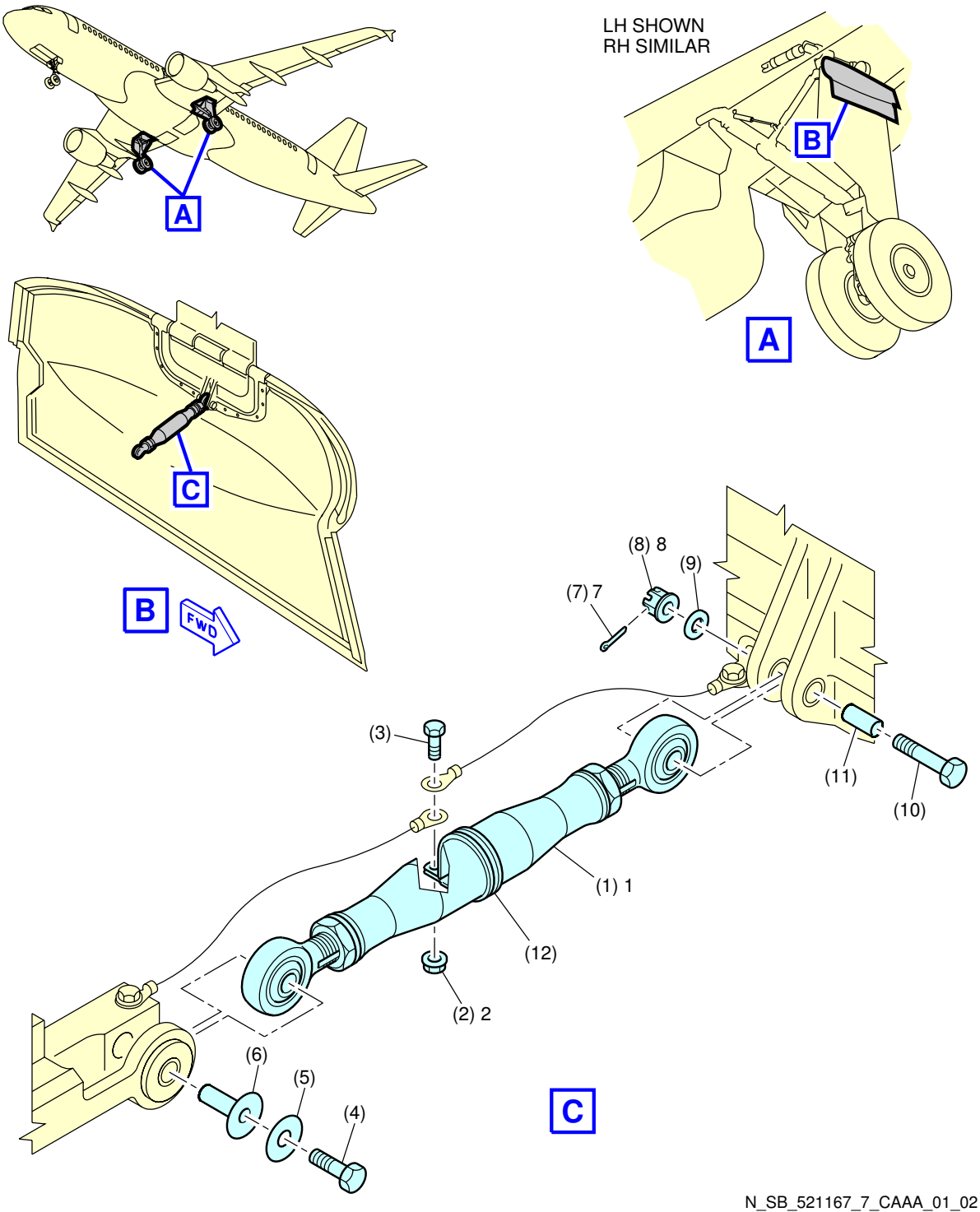


Figure A-UCAAA - Sheet 01
Replace the Tie Rod Assembly

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SERVICE BULLETIN
REPORTING SHEET

TITLE: DOORS - MAIN GEAR DOORS - INSPECTION OF THE MLG HINGED FAIRING TIE ROD FOR CORRECT SURFACE TREATMENT

MODIFICATION No.: None

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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Or : Intermediate revision YES/NO

Important Information: This SB will only be incorporated in your maintenance and operational documentation if this sheet is returned to Airbus and signed by a duly authorised representative. With the next feasible revision, this will result in

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If this SB requires previous or simultaneous accomplishment of other SBs, Airbus shall automatically include them in the manual revisions. Refer to SIL 00-037 for detailed information.

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