### *© A319/A320/A321* SERVICE BULLETIN

REVISION TRANSMITTAL SHEET

AIRBUS INDUSTRIE CUSTOMER SERVICES DIRECTORATE TECHNICAL PUBLICATIONS 1, Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE Tel: (33) 61-93-33-33 Telex: AIRBU 530526 F

MODIFICATION NO: 24754K3977

ATA SYSTEM: 21

TITLE : PLACARDS AND MARKINGS - GENERAL - INTRODUCE MODIFIED FIN PLACARDS FOR THE

**OUTFLOW VALVE** 

This page transmits Revision No. 2 of Service Bulletin No. A320-21-1096.

#### ADDITIONAL WORK

More work is necessary to do this revision for operators with a third Potable water tank installed.

NOTE: If this Service Bulletin has been accomplished per any previous issue, a revisit to the area is necessary to do the additional work described in this revision.

#### REASON

This revision is issued to add a Note to Para. B. (1) (repositioning of the placard for Operators with a third potable water tank installed).

#### **CHANGES**

Service Bulletin

- Page 1 of 15

Revision No. updated.

- Page 2

Text shift.

- Page 10

Para. B. (1) MODIFICATION - Note added.

#### FILING INSTRUCTIONS

- Replace the Service Bulletin pages 1 of 15, 2 and 10 with the revised
- Put this Revision Transmittal Sheet at the front of the Service Bulletin.

6 DATE: May 22/95

REVISION No.: 2 - Nov 12/96

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# SERVICE BULLETIN REVISION TRANSMITTAL SHEET

#### HISTORY OF PREVIOUS REVISIONS

- Revision No. 1 was issued to change the bonding of the placards and to update the A/C effectivity.

#### REVISION SEQUENCE

Original: May 22/95

Revision No.: 1 - Jun 14/96 Revision No.: 2 - Nov 12/96

6 DATE: May 22/95

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AIRBUS INDUSTRIE CUSTOMER SERVICES DIRECTORATE TECHNICAL PUBLICATIONS

1, Rond Point Maurice BELLONTE

31707 BLAGNAC CEDEX FRANCE

**© A320/A321** SERVICE BULLETIN SUMMARY

Tel: (33) 61933333 Telex: Airbus 530526F

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

MODIFICATION NO: 24754K3977

ATA SYSTEM: 21

T I T L E : PLACARDS AND MARKINGS - GENERAL - INTRODUCE MODIFIED FIN PLACARDS

FOR THE OUTFLOW VALVE

#### REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

It has been found that the identification labels fixed on the structure adjacent to the outflow valve was incorrect and led in some cases to inappropriate maintenance actions.

This Service Bulletin introduces modified labels with a correct identification of both electronic boxes which are installed on the outflow valve.

#### EFFECTIVITY

This Service Bulletin is applicable to these operators:

AAA, ACA, ADR, AFR, AIB, ALK, AMC, ANA, AZA, BAW, BV, CDN, CYP, DLH, FHA, GFA, HP, IAC, IBE, ITF, KAC, MON, MSR, MXA, NWA, OHY, OYC, RJA, SAA, SHK, SWR, TAI, TAR, UAL, XF, XP, XR, XW, XZ.

SERVICE BULLETIN TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None

#### REFERENCES/REPERCUSSIONS

: 21.31.00.15 TFU

: None **OEB** AOT : None SIL : None : None LIFE LIMIT

LINE MAINTENANCE AFFECTED: No

: OIT 999.0108/94 Issued Oct 17/94 OTHER

#### NATURE OF THE WORK

AIRCRAFT : Yes **EQUIPMENT:** No : No HARD · : No SOFT OBRM : No

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COMPLIANCE

Desirable

MANPOWER

Manhours/aircraft

Kit No. 211096A01

Manhours 1.50

Elapsed time (hours) 1.50

MATERIAL INFORMATION

AIRCRAFT DATA

Refer to paragraph 3. MATERIAL INFORMATION in this Service Bulletin.

EQUIPMENT DATA

None

**APPENDICES** 

None

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### **SERVICE BUILDIN**

AIRBUS INDUSTRIE
CUSTOMER SERVICES DIRECTORATE
TECHNICAL PUBLICATIONS
1, Rond Point Maurice BELLONTE
31707 BLAGNAC CEDEX FRANCE
Tel: (33) 61-93-33-33
Telex: AIRBU 530526 F

MODIFICATION NO: 24754K3977 ATA SYSTEM: 21

T I T L E : PLACARDS AND MARKINGS - GENERAL - INTRODUCE MODIFIED FIN PLACARDS FOR THE OUTFLOW VALVE

#### 1. PLANNING INFORMATION

#### A. EFFECTIVITY

(1) Aircraft Models: 320-111, 320-211, 320-212, 320-231, 320-232,

321-111, 321-112, 321-131

#### (2) Aircraft

Operators and Fleet No.	MSN	Kit No. 211096	Qty of kits	Config No. None
AAA 001-012	022,023,024,025,026,027, 029,030,140,142,157,229	A01	12	
ACA 201-234	059,068,073,084,122,126, 127,141,149,150,154,159, 183,233,242,248,253,248, 253,254,255,265,277,290, 310,311,324,330,333,341, 342,350,359,378,384,426	A01	34	
ADR 001-003	043,113,114	A01	3	
AFR 001,002 004-008 031-048	005,007 014,019,020,021,002 061,062,063,100,101, 102,128,129,133,186, 187,188,226,227,228, 285,286,287	A01	25	
106,107	131, 132	A01	2	

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Operators and Fleet No.	MSN	Kit No. 211096	Qty of kits	Config No. None
AIB 001 401,402	258 376,386	A01 A01	1 2	
ALK 001,002	374,406	A01	2	
AMC 001,002	112,293	A01	2	
ANA 001-016	138,139,148,151,167, 170,196,212,219,245, 300,328,365,383,413, 482	A01	16	
AZA 001-005 009,010	477,488,494,495,434 515,516	A01	7	
BAW 001-010	006,008,011,017,018, 039,042,103,109,120	A01	10	
BV 051,052	185,191	A01	2	
CDN 401-405 407-411 415,416	174,175,210,231,232 283,284,302,305,309 403,404	A01	12	
CYP 001-008	028,035,037,038,180, 256,295,316	A01	8	
DLH 001-010 012-034 101-110	069,070,071,072,078, 083,086,093,094,104 110,111,116,117,135, 137,147,161,162,172, 200,201,202,209,216, 217,218,267,268,269, 346,382,401 458,468,473,474,484, 493,412,502,505,518	A01	43	
FHA 001,002	332,369	A01	2	
GFA 801-812	313,325,345,375,419, 421,438,445,459,466, 481,497	A01	12	
HP 620-622 624-629 631-637	052,053,054 055,064,065,066,067, 076 077,081,082,091,092, 098,099	<b>A01</b>	16	

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#### SERVICE BULLETIN

Operators and Fleet No.	MSN	Kit No. 211096	Qty of kits	Config No. None
IAC 001-012	045,046,047,048,049, 050,051,056,057,058, 074,075	A01	30	
014-031	080,089,090,095,096, 097,396,398,416,423, 431,432,451,469,486, 490,492,499			
IBE 001-022	134,136,143,146,158, 173,176,177,199,207, 223,224,240,241,246, 264,266,274,303,312, 323,356	A01	22	
ITF 001-003 005-018	010,012,013 016,033,036,044,004, 003,108,115,130,155, 156,184,214,239	A01	33	
020-026	278,337,352,236,237, 377,491			
101,102 201,202 301,302 401-403	498,509 144,145 204,211 215,244,270			
KAC 001-003	181, 182, 195	A01	3	
MON 001,002	379,389	A01	2	
MSR 001-007	165,166,178,194,198, 351,366	A01	7	
MXA 001-010	252,259,260,261,275, 276,296,320,321,353,	A01	12	
012,016	368,433			
NWA 301-350	031,032,034,040,041, 060,106,107,118,121, 125,152,153,160,171, 192,197,206,208,213, 262,263,272,273,281, 282,297,298,306,307, 318,319,329,339,340, 355,358,360,367,372, 380,381,387,388,399, 400,408,410,417,418	A01	50	

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·		rators and et No.	MSN	Kit No. 211096	Qty of kits	Config No. None
Ţ	ОНҮ	001	385	A01	1	
	OYC	001-006	163,164,168,169,179, 193	A01	6	
	RJA	001,002	087,088	A01	2	
	SAA	001-007	243,249,250,251,334, 335,440	A01	7	
	SHK	001-003	322,326,344	A01	3	
	SWR	276	517	A01	1	
	TAI	051-054	448,453,460,461	A01	4	
	TAR	001-007	119,124,205,370,390, 402,123	A01	7	
	UAL	401-421	435,439,442,450,452, 454,456,457,462,463, 464,465,470,472,475, 479,483,485,487,489, 500	A01	21	
I I	XF	001-009 053,054 101 501-502 504-507 551	393,394,414,430,443, 447,415,405,361 428,496 425 446,422 371,397,409,427 279	A01	19	
	ΧP	001 051-059 062,063 502,503 504,505	085 203,220,221,222,294, 299,301,348,349 391,392 362,363 455,471	A01	15	
	XR	501-525	225,230,238,247,257, 271,280,291,292,304, 308,314,315,317,327, 336,338,429,444,449, 467,476,478,480,437	A01	25	
	XW	501-506	347,354,357,373,411, 424	A01	7	
		509	441			

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SERVICE BULLETIN

Operators and Fleet No.

MSN

Kit No. 211096

Qty of kits Config No.

None

XZ 003,004

189, 190

A01

12

101-110

234,235,288,289,331,

343,395,407,420,436

This modification is embodied before delivery on A320 aircraft MSN 501 and subsequent, and on A321 aircraft MSN 513, 514, 519 and subsequent.

(3) Spares

None

#### B. REASON

#### (1) History

It has been found that the identification labels fixed on the structure adjacent to the outflow valve was incorrect and led in some cases to inappropriate maintenance actions.

#### (2) Objective/Action

This Service Bulletin introduces modified labels with a correct identification of both electronic boxes which are installed on the outflow valve.

#### (3) Advantages

The accomplishment of this Service Bulletin will make sure that the correct electronics box is removed.

(4) Operational/Maintenance Consequences

None

(5) Accomplishment Timescale

In accordance with the operator's maintenance planning.

#### C. DESCRIPTION

To accomplish this Service Bulletin it is necessary to:

(1) Install modified FIN placards adjacent to the Outflow valves.

#### D. APPROVAL

The design data contained in this Service Bulletin has been approved under the authority of DGAC Design Organisation Approval No. CO1. The changes specified in this Service Bulletin have been approved by the DGAC when they are major, or under the authority of DGAC Design Organisation Approval No. CO1, when they are minor.

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#### E. MANPOWER

This Service Bulletin is written for an aircraft in a maintenance condition. The manhours/elapsed time estimates do not include the time to prepare for the modification, non-productive elapsed time or administration.

#### Manhours/Aircraft

Kit No. 211096A01	
Get access	0.50
Modification	0.50
Close-Up Total Manhours	0.50 1.50

#### F. MATERIAL - COST AND AVAILABILITY

Elapsed time (hours)

#### (1) Material

Operators with aircraft listed in paragraph 1.A.(2) above should submit a purchase order quoting this Service Bulletin. The address is:

1.50

AIRBUS INDUSTRIE AIRSPARES MATERIAL SUPPORT CENTER WEG BEIM JAEGER 150 22335 HAMBURG GERMANY

#### (2) Cost and availability

Kit No.

Cost

Availability:\*

211096A01

(US Dollars)
F.O.C.

Airbus Industrie will make the material available Free Of Charge (FOC) for orders placed before

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#### G. TOOLING - PRICE AND AVAILABILITY

None

#### H. WEIGHT AND BALANCE

Not affected '

#### I. REFERENCES

Aircraft Maintenance Manual (AMM): 12-34-24, 24-41-00, 52-30-00

Consumable Materials List (CML)

#### J. PUBLICATIONS AFFECTED

Aircraft Maintenance Manual (AMM): 11-00-00, 21-31-51

Illustrated Parts Catalog (IPC) : 11-36-21

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#### 2. ACCOMPLISHMENT INSTRUCTIONS

#### A. GENERAL

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

#### (1) Preparation

- (a) Electrically ground the aircraft (Ref. AMM 12-34-24, P. Block 301).
- (b) Put an access platform in position at the AFT cargo-compartment door.
- (c) Open the AFT cargo-compartment door (Ref. AMM 52-30-00, P. Block 201).
- (d) De-energize the aircraft electrical circuits (Ref. AMM 24~41-00, P. Block 201).

#### (2) Standard Practices

(a) For the specification of the consumable materials (Mat. No.) refer to the Consumable Materials List (CML).

WARNING: OBEY THE MAUFACTURERS INSTRUCTIONS WHEN YOU USE CLEANING AGENT (MAT. NO. 11-003). THIS CLEANING AGENT IS DANGEROUS.

(b) For the installation of placards:

WARNING: OBEY THE MANUFACTURER'S INSTRUCTIONS WHEN YOU USE CLEANING AGENT (MAT. NO. 11-003A). THIS CLEANING AGENT IS DANGEROUS.

- 1 Clean the areas with the cleaning agent (Mat. No. 11-003A) where you must install the placards.
- 2 Bond the placard to the aircraft structure with the adhesive (Mat. No. 08-051).
- 3 Seal the placard with the varnish (Mat. No. 16-021A).

#### B. MODIFICATION

Kit No. 211096A01

Refer to Figure 1

- (1) Install modified FIN placards adjacent to the Outflow valves.
  - (a) Remove and discard this item:

2 placards

D21276001280

item (1)

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(b) Use adhesive (Mat. No. 08-051) to install, as shown in Detail B:

1 placard

D21276001282

item 1

(c) Use adhesive (Mat. No. 08-051) to install, as shown in Detail C:

1 placard

D21276001284

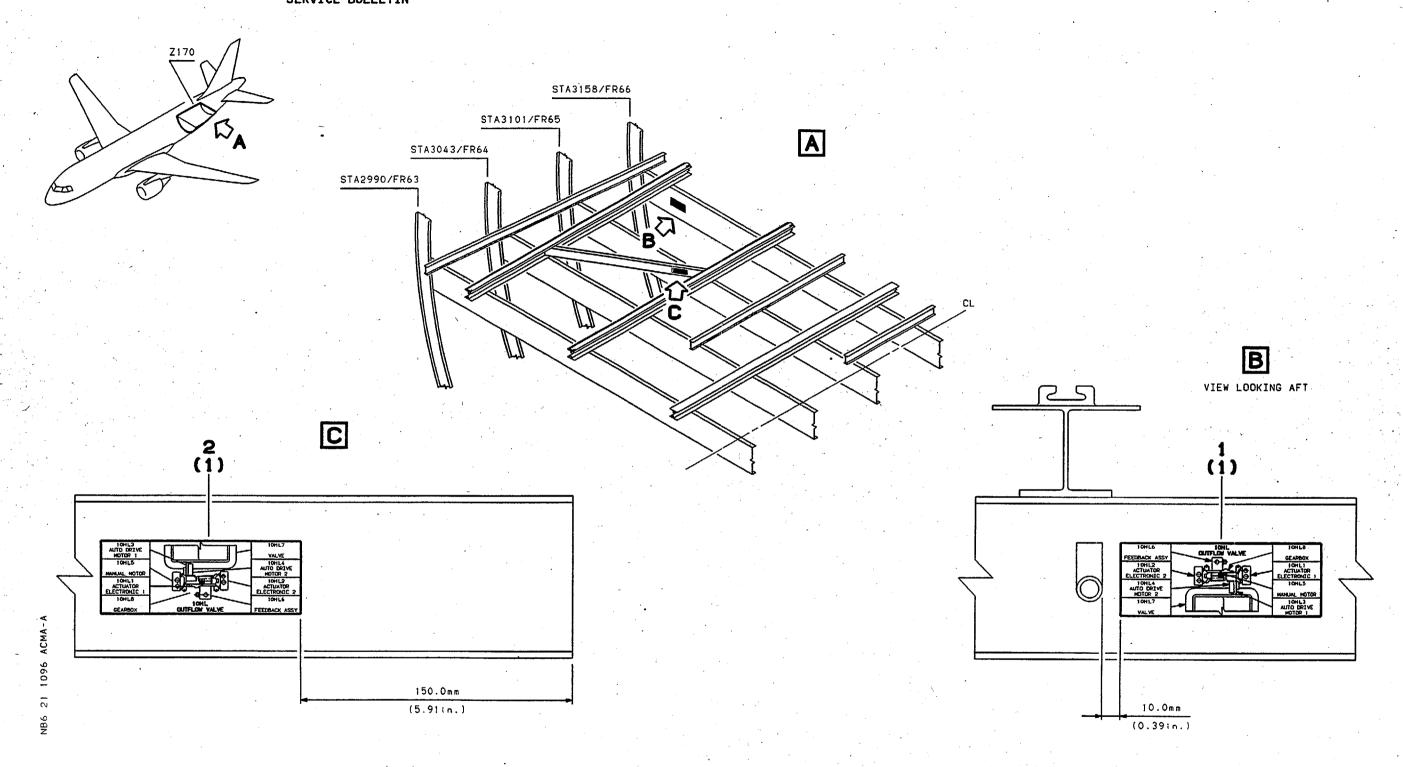
item 2

NOTE For A/C that have optional equipment installed, which makes the installation and/or reading of the placard difficult, you can install the new placard in an area of approximately 510 mm (20 in.) adjacent to the outflow valve. You must remove the existing placard or make it unreadable.

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Installation of the Modified FIN Placards adjacent to the Outflow valves

Figure 1

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#### C. TESTS

None

#### D. CLOSE-UP

- (1) Make sure that the work areas are clean and clear of tools and other items of equipment.
- (2) Disconnect the aircraft electrical ground-connection (Ref. AMM 24-41-00, P. Block 301).
- (3) Energize the aircraft electrical circuits (Ref. AMM 24-41-00, P. Block 301).
- (4) Close the AFT cargo-compartment door (Ref. AMM 52-30-00, P. Block 201).
- (5) Remove the access platform.

#### E. DOCUMENTATION

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

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#### 3. MATERIAL INFORMATION

#### A. LIST OF COMPONENTS

ITEM	NEW PART No.	QTY	KEYWORD	ITEM	OLD PART No.	INST DISP
Kit N	o. 211096A01					
1 2	D2127600128200 D2127600128400	1 1	Placard Placard	(1) (1)	D2127600128000 D2127600128000	* *

#### \* - Discard

#### B. SPECIAL TOOLS

None

#### C. LIST OF MATERIALS - OPERATOR SUPPLIED

DESIGNATION	REFERENCE CML	QTY PER A/C	
Cleaning agent Cleaning agent	Mat. No. 11-003 Mat. No. 11-003A	As required As required	
Adhesive Varnish	Mat. No. 08-051 Mat. No. 16-021A	As required As required As required	

#### D. PARTS TO BE RE-IDENTIFIED BY OPERATOR

None

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SERVICE BULLETIN

ATA SYSTEM: 21

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T I T L E : PLACARDS AND MARKINGS - GENERAL - INTRODUCE MODIFIED FIN PLACARDS

FOR THE OUTFLOW VALVE

IS BEING HEREWITH SUBMITTED TO YOU FOR REVIEW

Please fill:

... REJECTED

... WILL BE EMBODIED

... EFFECTIVITY

This SB can only be incorporated in your ''customized'' documentation within the agreed time schedule if this sheet is returned to us on the purchase date and signed by a duly authorized and empowered officer or representative.

FROM: Please return to:

AIRLINE :

AIRBUS INDUSTRIE
CUSTOMER SERVICES DIRECTORATE
TECHNICAL PUBLICATIONS
1 Rond Point Maurice BELLONTE
31707 BLAGNAC CEDEX FRANCE

NAME :

.....

DATE:

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