

AIRBUS INDUSTRIE  
PRODUCT SUPPORT DIRECTORATE  
1 Rond Point Maurice BELLONTE  
31707 BLAGNAC CEDEX FRANCE  
Tel: (33) 61-93-33-33  
Telex: AIRBU 530526 F



SERVICE BULLETIN  
SUMMARY

This summary is for information only and  
is not D.G.A.C. approved for modification of the aircraft

MODIFICATION NO: 21005/K0992

ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - CARGO COMPARTMENT VENTILATION - REPLACE THE CARGO  
VENT CONTROLLER

REASON

This Service Bulletin is published to advise A320 operators of BAVARIA AVIONIK TECHNOLOGIE Service Bulletins NO. 600615-21-001. This publication deals with the replacement of the cargo vent controller, which will prevent possible erroneous cargo isolation valves closures which occur during start-up of the aircraft electrical system. Background is that after start-up the smoke detection control unit sends a short SMOKE signal to the cargo vent controller. If the cargo vent controller is powered up before the smoke detection control unit, this signal is latched until the cargo vent controller is switched off and on again. A delay of the SMOKE latch by the cargo vent controller will eliminate this spurious warning.

ACTION

Replace the cargo vent controller 10HN P/N 600615-00-501 with the new unit 600615-00-502.

EFFECTIVITY

This Service Bulletin is applicable to the following operators:  
AFR, BAW and ITF.

NOTE: Accomplishment of this Vendor Service Bulletin A320-21-1011 cancels the relevant part of Operational Engineering Bulletin NO. 4.

COMPLIANCE

Desirable

MANPOWER

Total manhours: 5.50  
Elapsed time (hours): 2.00

MATERIAL INFORMATION

Refer to BAVARIA AVIONIK TECHNOLOGIE Service Bulletin No. 600615-21-001.

MODIFICATION NO: 21005/K0992

ATA SYSTEM: 21

**T I T L E : AIR CONDITIONING - CARGO COMPARTMENT VENTILATION - REPLACE THE CARGO  
VENT CONTROLLER**

**1. PLANNING INFORMATION**

**A. EFFECTIVITY**

(1) Aircraft Model: A320-111

(2) Aircraft

Customer and Fleet No.	MSN	Qty of Kits None
AFR 001, 002	005, 007	
BAW 001-003	006, 008, 011	
ITF 001, 002	010, 012	

This modification is embodied prior to delivery on A/C MSN 013 and subsequent.

**NOTE:** Accomplishment of this Vendor Service Bulletin A320-21-1011 cancels  
the relevant part of Operational Engineering Bulletin NO. 4.

(3) Spares

None

**B. REASON**

This Service Bulletin is published to advise A320 operators of BAVARIA AVIONIK TECHNOLOGIE Service Bulletin NO. 600615-21-001. This publication deals with the replacement of the cargo vent controller, which will prevent possible erroneous cargo isolation valves closures which occur during start-up of the aircraft electrical system. Background is that after start-up the smoke detection control unit sends a short SMOKE signal to the cargo vent controller. If the cargo vent controller is powered up before the smoke detection control unit, this signal is latched until the cargo vent controller is switched off and on again. A delay of the SMOKE latch by the cargo vent controller will eliminate this spurious warning.



## SERVICE BULLETIN

### C. DESCRIPTION

Accomplishment of this Service Bulletin consists of carrying out the following jobs on the aircraft:

In Zone 126, at FR9, STA 5394, in the avionics compartment, RH, at the out-board side of the relay box 103VU.

- (1) Removing the cargo vent controller 10HN P/N 600615-00-501 (Refer to AMM 21-28-34, Page Block 401).
- (2) Installing the new cargo vent controller 10HN P/N 600615-00-502 (Refer to AMM 21-28-34, Page Block 401).
- (3) Performing the operational test of the ventilation of the FWD and AFT cargo compartment (Refer to AMM 21-28-34, Page Block 401).

NOTE: Return the removed cargo vent controller 600615-00-501 to:

BAVARIA AVIONIK TECHNOLOGIE GmbH  
Kirschstrasse 20  
D-8000 Muenchen 50

### D. APPROVAL

This Service Bulletin is approved by Direction Generale de L'Aviation Civile - FRANCE (D.G.A.C.).

### E. MANPOWER

This Service Bulletin may be accomplished in the following approximate man-hours and elapsed time:

	Manhours per A/C
Gain access	2.00
Removal/Installation	1.00
Test	0.50
Close-Up	2.00
Total manhours	5.50
Elapsed time (hours)	2.00

NOTE: This Vendor Service Bulletin assumes that the aircraft has been placed in a maintenance status. The manhours/elapsed time estimates do not include preparation for the modification, nonproductive elapsed time or administrative functions.

DATE: NOV 02/88  
REVISION NO:

SERVICE BULLETIN NO: A320-21-1011  
PAGE: 2

## SERVICE BULLETIN

**F. MATERIAL - COST AND AVAILABILITY**

Terms of procurement are to be negotiated directly with:

BAVARIA AVIONIK TECHNOLOGIE GmbH  
Kirschstrasse 20  
D-8000 Muenchen 50

**G. TOOLING - PRICE AND AVAILABILITY**

None

**H. WEIGHT AND BALANCE**

None

**I. REFERENCE**

BAVARIA AVIONIK TECHNOLOGIE Service Bulletin No. 600615-21-001  
Aircraft Maintenance Manual 21-28-34, 12-34-24, 52-10-00, 52-41-00

**J. PUBLICATIONS AFFECTED**

Illustrated Parts Catalog: 21-28-04

## SERVICE BULLETIN

**2. ACCOMPLISHMENT INSTRUCTIONS****A. GENERAL**

Accomplishment of this Service Bulletin includes the following operations:

**(1) Preparation**

- (a) Electrically ground the aircraft (Refer to AMM 12-34-24, Page Block 201).
- (b) Put the correct access platform at the FWD passenger/crew door.
- (c) Open the FWD passenger/crew door (Refer to AMM 52-10-00, Page Block 201).
- (d) Open, safety and tag the following circuit breakers:

PANEL	SERVICE IDENT.	LOCATION	
122VU	AIR COND/AFT CARGO VENT AND HTG/FAN	30HN	S22
122VU	AIR COND/AFT CARGO VENT AND HTG/CTL AND MONG	31HN	S20
122VU	FWD CARGO VENT/FAN	1HN	T22
122VU	FWD CARGO VENT/CTL AND/MONG	2HN	T20

- (e) Put the correct access platform at the avionics compartment door 822 at the RH side.
- (f) Open the avionics compartment door 822 (Refer to AMM 52-41-00, Page Block 101).

**B. MODIFICATION**

In Zone 126, at FR9, STA 5394, in the avionics compartment, RH, at the out-board side of the relay box 103VU:

- (1) Remove the cargo vent controller 10HN P/N 600615-00-501 (Refer to AMM 21-28-34, Page Block 401).
- (2) Install the new cargo vent controller 10HN P/N 600615-00-502 (Refer to AMM 21-28-34, Page Block 401).

NOTE: Return the removed cargo vent controller 600615-00-501 to:

BAVARIA AVIONIK TECHNOLOGIE GmbH  
Kirschstrasse 20  
D-8000 Muenchen 50

DATE: NOV 02/88  
REVISION NO:

SERVICE BULLETIN NO: A320-21-1011  
PAGE: 5

## SERVICE BULLETIN

**C. TEST**

- (1) Remove the safety clips and tags, and close the following circuit breakers:

PANEL	SERVICE IDENT.	LOCATION	
122VU	AIR COND/AFT CARGO VENT AND HTG/FAN	30HN	S22
122VU	AIR COND/AFT CARGO VENT AND HTG/CTL AND MONG	31HN	S20
122VU	FWD CARGO VENT/FAN	1HN	T22
122VU	FWD CARGO VENT/CTL AND/MONG	2HN	T20

- (2) Do the operational test of the ventilation of the FWD and AFT cargo compartment (Refer to AMM 21-28-34, Page Block 401).

**D. CLOSE-UP**

- (1) Make sure that the work area is clean and clear of tools and other items.
- (2) Close the avionics compartment door 822 (Refer to AMM 52-41-00, Page Block 101).
- (3) Close the FWD passenger/crew door (Refer to AMM 52-10-00, Page Block 201).
- (4) Remove the access platforms.
- (5) Disconnect the electrical ground connection of the aircraft (Refer to AMM 12-34-24, Page Block 201).

**3. MATERIAL INFORMATION**

Refer to BAVARIA AVIONIK TECHNOLOGIE Service Bulletin No. 600615-21-001.

DATE: NOV 02/88  
REVISION NO:

SERVICE BULLETIN NO: A320-21-1011  
PAGE: 7

AIRBUS INDUSTRIE  
PRODUCT SUPPORT DIRECTORATE  
1 Rond Point Maurice BELLONTE  
31707 BLAGNAC CEDEX FRANCE  
Tel: (33) 61-93-33-33  
Telex: AIRBU 530526 F



SERVICE BULLETIN

MODIFICATION NO: 21005/K0992

ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - CARGO COMPARTMENT VENTILATION - REPLACE THE CARGO  
VENT CONTROLLER

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 in so far as this sheet is returned to us on  
purchase date and signed by a duly authorized and empowered officer or  
representative.

FROM :                      Please return to :

AIRLINE :

AIRBUS INDUSTRIE

.....

BP No. 33  
31700 BLAGNAC  
FRANCE

NAME :

.....

Att. : AI/ SP - Technical Publ. Dept.

DATE :

..... 19..

DATE: NOV 02/88  
REVISION NO:

SERVICE BULLETIN NO: A320-21-1011  
PAGE: 1 of 1