***A319/A320/A321***

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SERVICE BULLETIN

REVISION TRANSMITTAL SHEET

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte

31707 BLAGNAC CEDEX FRANCE

Tel: (33) 5 61 93 33 33

Telex: AIRBU 530526 F

Fax : (33) 5 61 93 42 51

ATA SYSTEM : 21

TITLE : AIR CONDITIONING − PRESSURE CONTROL AND MONITORING − INTRODUCE PRESSURE

CONTROLLER PN 9022−15702−10

MODIFICATION No . : 28009K5801

This page transmits Revision No . 04 of Service Bulletin No . A320−21−1116 .

ADDITIONAL WORK

No additional work is required by this revision for aircraft modified by any

previous issue .

REASON

This Revision has been issued to advise customers that OEB 139/1 is cancelled after installation of the Cabin Pressure Controller PN 9022−15702−10, to update the effectivity and to delete a preparation workstep and a closeup workstep .

CHANGES

SUMMARY

− Para . EFFECTIVITY, Operators 004, AIB and CIN deleted, operators 12Z and

TWJ added .

− Para . REFERENCES/REPERCUSSIONS, Note added .

PLANNING INFORMATION

− Para . A . (2)(b), Operators 004, AIB and CIN deleted, operators 12Z and TWJ

added .

− Para . J ., AMM reference 24−42−00 deleted .

NOTE : Layout changes due to computerization of this revision are not

identified .

FILING 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

Revision 01 was issued to add customer AZA .

Revision 02 was issued to add the modification for the cabin pressure

controller 11HL, to extend the effectivity up to aircraft MSN 1081 and to do

minor changes .

Revision 03 was issued to add the reference OEB 139/1 and to update the

effectivity .

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REVISION TRANSMITTAL SHEET

REVISION SEQUENCE

ORIGINAL : Dec 11/98

REVISION No . : 01 − Mar 17/99

REVISION No . : 02 − Aug 02/99

REVISION No . : 03 − Oct 25/99

REVISION No . : 04 − Feb 02/00

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SUMMARY

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Tel: (33) 5 61 93 33 33

Telex: AIRBU 530526 F

Fax : (33) 5 61 93 42 51

This summary is for information only

and is not approved for modification of the aircraft

ATA SYSTEM : 21

TITLE : AIR CONDITIONING − PRESSURE CONTROL AND MONITORING − INTRODUCE PRESSURE

CONTROLLER PN 9022−15702−10

MODIFICATION No . : 28009K5801

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Some operators have reported in flight warnings of the loss of cabin

pressurization, caused by uncommanded movements of the outflow valve . In some

cases the oxygen masks deployed .

This Service Bulletin advises operators of the issue of NORD−MICRO Service

Bulletin No . 15702−21−006 (and 15702−21−005 and 15702−21−004 if necessary) which

introduces modifications of the cabin pressure controllers 11HL and/or 12HL to

prevent pressure loss caused by uncontrolled movement of the outflow valve .

|  |  |  |  |
| --- | --- | --- | --- |
| EVALUATI | | ON TABLE |  |
| COMPLIANCE | Recommended | 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 | Yes |
| KIT PRICE (USD) | No kit |  |  |

EFFECTIVITY

This Service Bulletin is applicable

12Z AAA AAR ABB ACA ADR AEF AEL AES

BAW BMA C3J CDN CES CIB CJG CKT CMM

FIN FTI GFA HDA HVN I2L IAC IBE IWD

OYC PAL QAF QTR RJA RYN SAA SAB SEU

TNA TRZ TWJ UAL USA VIR VLE CONCURRENT REQUIREMENTS None

REFERENCES/REPERCUSSIONS

to these operator(s) :

AFR AIH AJM ALK AMC AMM AMU

CNW CSC CSN CTN CYP D2F DLH

KAC LAJ LFA LRC LTU MEA MON

SHK SLK SSV SWR SYR TAI TAM

ANA AUA AWE

EDW EIN EWG

MSR MXA NWA

TAP TAR TAS

AZA

FCL

OHY

TLA

: 21 .31 .00 .019

TFU

OEB

: 139/1

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SERVICE BULLETIN

SUMMARY

AOT

SIL

LIFE LIMIT

: None

: None

: None

LINE MAINTENANCE AFFECTED : No

OTHER

: YES

NOTE : The OEB 139/1

Controller PN

NATURE OF THE WORK

is cancelled after installation of the Cabin Pressure 9022−15702−10 .

AIRCRAFT : NO

EQUIPMENT : YES

HARD : NO

SOFT : YES

OBRM : NO

MANPOWER

TOTAL MANHOURS

1 .50

1 .50

ELAPSED TIME (HOURS)

MATERIAL INFORMATION

AIRCRAFT DATA

None

APPENDICES

None

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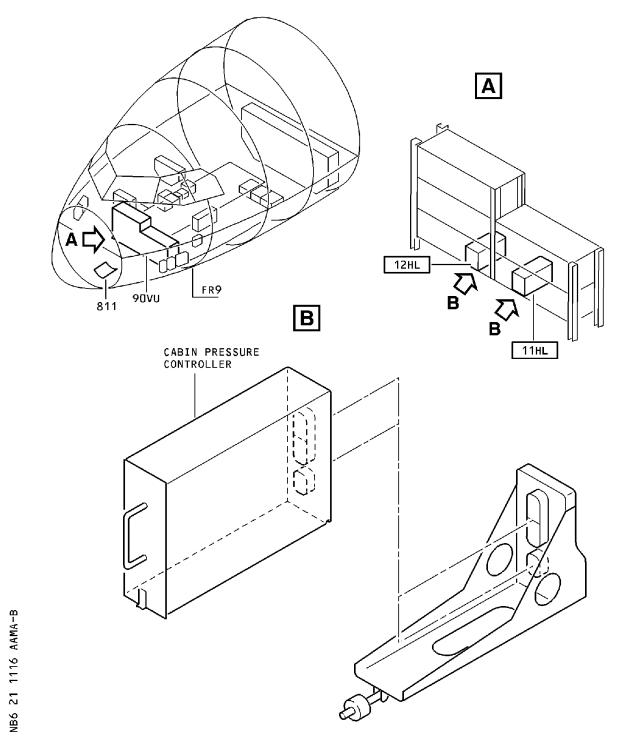
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Tel: (33) 5 61 93 33 33

Telex: AIRBU 530526 F

Fax : (33) 5 61 93 42 51

ATA SYSTEM : 21

TITLE : AIR CONDITIONING − PRESSURE CONTROL AND MONITORING − INTRODUCE PRESSURE

CONTROLLER PN 9022−15702−10

MODIFICATION No . : 28009K5801

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described hereunder and provided that any recipient of such document shall

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consent .

1. PLANNING INFORMATION

A . EFFECTIVITY

(1) Models

319−111 319−112 319−113 319−114 319−131 319−132 320−111 320−211

320−212 320−214 320−231 320−232 320−233 321−111 321−112 321−131

321−211 321−231

(2) Aircraft

(a) Effectivity by MSN

This Service Bulletin is applicable to aircraft MSN :

0002−0008

0010−0014 0016−0078 0080−0104 0106−0535 0537−0707 0709−0909

0911−1001 1003−1052 1054−1080

(b) 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 Industrie . 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  12Z  AAA  AAR  ABB  ACA  ADR  AEF  AEL  AES  AFR  AIH  AJM  ALK  AMC  AMM  AMU  ANA  AUA  AWE  AZA  BAW  BMA  C3J  CDN  CES  CIB | MSN  0591  0022  0157  0771  0348  0059  0154  0277  0359  0670  0721  0779  0043  0565  1004  0085  0739  0002  0019  0101  0155  0215  0278  0521  0647  0985  0163  0422  0374  0112  0291  0550  0138  0300  0549  0552  0052  0081  0317  0866  1064  0434  0526  0940  0006  0806  0772  0174  0309  0925  0774 | 0023  0229  0855  0349  0068  0159  0290  0378  0672  0728  0785  0113  0575  0131  0743  0003  0020  0102  0156  0220  0285  0529  0660  0998  0164  0528  0406  0293  0292  0557  0139  0328  0554  0570  0053  0082  0448  0889  1075  0477  0532  0951  0008  0810  0799  0175  0403  1005  0793 | 0024  0288  1060  0073  0183  0310  0384  0682  0732  0800  0114  0580  0132  0839  0004  0021  0108  0184  0226  0286  0544  0674  1000  0168  0624  0327  0582  0148  0365  0658  0581  0054  0091  0453  0924  1079  0488  0576  0959  0011  0835  0828  0210  0404  1028  0809 | 0025  0331  0084  0233  0311  0426  0688  0736  0813  0659  0709  0892  0005  0033  0115  0186  0227  0287  0598  0675  1020  0169  0626  0336  0620  0151  0383  0669  0768  0055  0092  0455  0931  0494  0583  0999  0017  0864  0883  0231  1030  0884 | 0026  0547  0122  0242  0324  0546  0691  0740  0817  0661  0710  0007  0036  0128  0187  0228  0337  0600  0684  1025  0179  0628  0677  0631  0167  0413  0685  0776  0064  0098  0471  0953  0495  0586  0018  0934  0914  0232  1070  0894 | 0027  0615  0126  0248  0330  0572  0693  0742  0829  0667  0010  0044  0129  0188  0236  0352  0608  0761  1036  0193  0630  0781  0805  0170  0482  0802  0797  0065  0099  0584  1003  0513  0593  0039  0968  0279  1072  0905 | 0029  0622  0127  0253  0333  0634  0695  0752  0831  0787  0012  0061  0130  0203  0237  0377  0618  0777  0424  0666  0852  0908  0196  0501  0811  0920  0066  0238  0762  1043  0514  0599  0042  0974  0283  0957 | 0030  0632  0141  0254  0341  0639  0697  0757  0840  0792  0013  0062  0133  0204  0239  0491  0625  0796  0437  0775  1006  0212  0507  0963  0935  0067  0271  0770  1049  0515  0765  0103  1014  0284  0971 | 0140  0662  0149  0255  0342  0649  0711  0769  0845  0954  0014  0063  0144  0211  0244  0498  0637  0938  0808  1017  0219  0531  1008  0076  0304  0803  1050  0516  0819  0109  1045  0302 | 0142  0726  0150  0265  0350  0656  0719  0773  0990  0016  0100  0145  0214  0270  0509  0644  0956  0823  0245  0534  1042  0077  0315  0856  1056  0524  0848  0120  0305 |

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SERVICE BULLETIN

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OPERATOR | MSN |  |  |  |  |  |  |  |  |  |
| CJG | 0707 | 0724 | 0876 | 0921 |  |  |  |  |  |  |
| CKT | 0354 | 0357 | 0393 | 0394 | 0411 | 0443 |  |  |  |  |
| CMM | 0397 | 0409 | 0427 | 0579 | 0645 | 0671 |  |  |  |  |
| CNW | 0665  1041 | 0754 | 0838 | 0854 | 0897 | 0909 | 0939 | 0967 | 0984 | 0986 |
| CSC | 0540 | 0551 | 0556 | 0878 | 0915 | 0919 | 1013 |  |  |  |
| CSN | 0696 | 0698 | 0704 | 0705 | 0712 | 0718 | 0720 | 0722 | 0849 | 0859 |
|  | 0881 | 0895 | 0900 | 0950 | 0966 | 1035 | 1039 | 1057 |  |  |
| CTN | 0258 | 0767 | 0833 | 1009 | 1029 |  |  |  |  |  |
| CYP | 0028 | 0035 | 0037 | 0038 | 0180 | 0256 | 0295 | 0316 |  |  |
| D2F | 0344 |  |  |  |  |  |  |  |  |  |
| DLH | 0069 | 0070 | 0071 | 0072 | 0078 | 0083 | 0086 | 0093 | 0094 | 0104 |
|  | 0110 | 0111 | 0116 | 0117 | 0135 | 0137 | 0147 | 0161 | 0162 | 0172 |
|  | 0200 | 0201 | 0202 | 0209 | 0216 | 0217 | 0218 | 0267 | 0268 | 0269 |
|  | 0346 | 0382 | 0401 | 0412 | 0458 | 0468 | 0473 | 0474 | 0484 | 0493 |
|  | 0502 | 0505 | 0518 | 0560 | 0563 | 0564 | 0567 | 0595 | 0609 | 0610 |
|  | 0616 | 0623 | 0627 | 0636 | 0641 | 0651 | 0652 | 0679 | 0689 | 0692 |
|  | 0694  0875 | 0699  0887 | 0700  0901 | 0717  1080 | 0723 | 0729 | 0738 | 0744 | 0853 | 0860 |
| EDW | 0942 | 0947 | 1026 |  |  |  |  |  |  |  |
| EIN | 0815 | 0841 | 0926 | 0991 | 1023 |  |  |  |  |  |
| EWG | 0646 | 0654 | 0794 | 1016 |  |  |  |  |  |  |
| FCL | 0716 | 0730 | 0735 |  |  |  |  |  |  |  |
| FIN | 0941 | 0961 | 1073 |  |  |  |  |  |  |  |
| FTI | 0230 | 0338 | 0444 |  |  |  |  |  |  |  |
| GFA | 0313  0481 | 0325  0497 | 0345  0537 | 0375 | 0419 | 0421 | 0438 | 0445 | 0459 | 0466 |
| HDA | 0756 | 0784 | 0816 | 0877 | 0930 | 0993 | 1024 |  |  |  |
| HVN | 0590 | 0594 | 0601 | 0605 | 0607 | 0611 | 0617 | 0619 | 0648 | 0650 |
| I2L | 0527 | 0542 | 0543 |  |  |  |  |  |  |  |
| IAC | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 | 0051 | 0056 | 0057 | 0058 |
|  | 0074 | 0075 | 0080 | 0089 | 0090 | 0095 | 0096 | 0097 | 0396 | 0398 |
|  | 0416 | 0423 | 0431 | 0432 | 0451 | 0469 | 0486 | 0490 | 0492 | 0499 |
| IBE | 0134 | 0136 | 0143 | 0146 | 0158 | 0173 | 0176 | 0177 | 0199 | 0207 |
|  | 0223 | 0224 | 0240 | 0241 | 0246 | 0264 | 0266 | 0274 | 0303 | 0312 |
|  | 0323 | 0356 | 0992 | 0994 | 1021 | 1027 | 1047 | 1059 | 1063 | 1067 |
| IWD | 0225 | 0308 | 0314 | 0879 | 0888 |  |  |  |  |  |
| KAC | 0181 | 0182 | 0195 |  |  |  |  |  |  |  |
| LAJ | 0376 | 0386 | 0480 |  |  |  |  |  |  |  |
| LFA | 0597 | 0604 | 0614 |  |  |  |  |  |  |  |
| LRC | 0425 | 0460 | 0461 | 0558 | 0561 |  |  |  |  |  |
| LTU | 0530 |  |  |  |  |  |  |  |  |  |
| MEA | 0640 | 0663 | 0668 | 0676 |  |  |  |  |  |  |
| MON | 0379 | 0389 | 0391 | 0392 | 0446 | 0633 | 0983 | 1015 |  |  |
| MSR | 0165  0725 | 0166 | 0178 | 0194 | 0198 | 0351 | 0366 | 0680 | 0687 | 0715 |
| MXA | 0252 | 0259 | 0260 | 0261 | 0275 | 0276 | 0280 | 0296 | 0320 | 0321 |
|  | 0353 | 0361 | 0368 | 0369 | 0433 | 0467 |  |  |  |  |

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SERVICE BULLETIN

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OPERATOR | MSN |  |  |  |  |  |  |  |  |  |
| NWA | 0031 | 0032 | 0034 | 0040 | 0041 | 0060 | 0106 | 0107 | 0118 | 0121 |
|  | 0125 | 0152 | 0153 | 0160 | 0171 | 0192 | 0197 | 0206 | 0208 | 0213 |
|  | 0262 | 0263 | 0272 | 0273 | 0281 | 0282 | 0297 | 0298 | 0306 | 0307 |
|  | 0318 | 0319 | 0329 | 0339 | 0340 | 0355 | 0358 | 0360 | 0367 | 0372 |
|  | 0380 | 0381 | 0387 | 0388 | 0399 | 0400 | 0408 | 0410 | 0417 | 0418 |
|  | 0766 | 0778 | 0786 | 0801 | 0807 | 0818 | 0830 | 0832 | 0846 | 0903 |
|  | 0907  1058 | 0911  1062 | 0923  1071 | 0962  1078 | 0964 | 0981 | 0988 | 0996 | 1011 | 1037 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OHY  OYC  PAL  QAF  QTR  RJA  RYN  SAA  SAB  SEU  SHK  SLK  SSV  SWR  SYR  TAI  TAM  TAP  TAR  TAS  TLA  TNA  TRZ  TWJ  UAL | 0364  0221  0706  0927  0928  0087  0362  0243  0970  0653  0322  0872  0496  0517  0559  0612  0703  0886  0733  0976  0185  0837  0119  0958  0371  0247  0760  0332  0822  0347  0913  0435  0464  0500  0571  0690  0820  0851  0898  1031 | 0385  0222  0745  0932  0088  0363  0249  0995  0657  0326  0899  0525  0519  0562  0621  0713  0918  0741  1010  0191  0906  0123  0975  0814  0257  0441  0373  0439  0465  0503  0587  0702  0824  0857  0944 | 0294  0753  0943  0289  0714  0250  1012  0737  0478  0969  0795  0520  0566  0629  0727  1032  0747  0234  0917  0124  0937  0405  0538  0447  0442  0470  0504  0589  0748  0825  0858  0948 | 0299  0977  0407  0251  1048  0749  1074  0522  0574  0635  0734  1076  0789  0235  0933  0205  0414  0555  0573  0450  0472  0506  0592  0751  0826  0862  0952 | 0301  0569  0334  1054  0973  0533  0577  0642  0782  0874  0395  0945  0370  0415  0602  0452  0475  0508  0613  0759  0834  0865  0955 | 0335  1068  0535  0578  0643  0827  0902  0750  0960  0390  0428  0606  0454  0479  0510  0638  0780  0836  0867  0965 | 0440  0541  0585  0664  0870  0912  0755  0979  0402  0429  0731  0456  0483  0512  0655  0783  0842  0871  0980 | 0545  0588  0673  0891  0916  0763  0982  0511  0430  0746  0457  0485  0523  0678  0788  0843  0873  0989 | 0548  0596  0681  0987  1007  0790  1034  0869  0476  0791  0462  0487  0539  0683  0798  0847  0882  1001 | 0553  0603  0701  1018  1066  0821  0880  0758  0812  0463  0489  0568  0686  0804  0850  0893  1022 |

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SERVICE BULLETIN

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OPERATOR | MSN |  |  |  |  |  |  |  |  |  |
| USA | 0844 | 0861 | 0863 | 0868 | 0885 | 0890 | 0896 | 0904 | 0922 | 0929 |
|  | 0936 | 0946 | 0949 | 0972 | 0997 | 1019 | 1033 | 1038 | 1040 | 1044 |
|  | 1046 | 1051 | 1052 | 1055 | 1061 | 1065 | 1069 | 1077 |  |  |

VIR

VLE

0449

0189

0764

0190

0978

0343 0420 0436

This modification is embodied on MSN 1081and subsequent .

(c) Effectivity by MSN and Kit/Configuration

None

(3) Spares

CPC

CPC

CPC

CPC

9022−15702−7

9022−15702−7A

9022−15702−8

9022−15702−9

B . CONCURRENT REQUIREMENTS

None

C . REASON

(1) History

Some operators have reported in flight warnings of the loss of

cabin pressurization, caused by uncommanded movements of the

outflow valve . In some cases the oxygen masks deployed .

(2) Objective/Action

This Service Bulletin advises customers of the issue of NORD−MICRO

Service Bulletin No . 15702−21−006 (and 15702−21−005 and

15702−21−004 if necessary) which introduces modifications of the

cabin pressure controllers 11HL and/or 12HL to prevent pressure

loss caused by uncontrolled movement of the outflow valve .

(3) Advantages

This modification will prevent unwanted cabin depressurizations

caused by uncontrolled movements of the outflow valve .

(4) Operational/Maintenance Consequences

None

D . DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

(1.1D.)(1) Remove the existing cabin pressure controllers 11HL and/or 12HL

from the electronics rack 90VU .

(1.2D.)(2) Modify the cabin pressure controllers 11HL and/or 12HL in

accordance with NORD−MICRO Service Bulletin No . 15702−21−006 (and

15702−21−005 and 15702−21−004 if necessary) .

(1.3D.)(3) Install the modified cabin pressure controllers 11HL and/or 12HL to

the electronics rack 90VU .

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SERVICE BULLETIN

E . COMPLIANCE

(1) Classification

Recommended

(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 Service Bulletin has been approved under the authority of the DGAC Design Organisation Approval No . F .JA .02 . 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 this 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 operators’ 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 .

Get access 0 .25

Removal/Installation 0 .50

Test 0.50

Close−up 0 .25

TOTAL MANHOURS 1 .50

ELAPSED TIME (HOURS) 1 .50

H . WEIGHT AND BALANCE

Not changed

I . ELECTRICAL LOAD DATA Not changed

J . REFERENCES

Aircraft Maintenance Manual (AMM)

NORD−MICRO Service Bulletin No .

:

:

12−34−24 21−31−34

15702−21−004

15702−21−005

15702−21−006

K . PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC) : 21−31−08 21−31−34

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SERVICE BULLETIN

L . INTERCHANGEABILITY/MIXABILITY

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| DESCRIPTION | OLD | PART | No . | NEW | PART | No . | INT MIXABILITY |

9022−15702−7

CPC

CPC

CPC

CPC

9022−15702−7A

9022−15702−8

9022−15702−9

NOTE : \* MIXABILITY YES, refer

15702−21−006 .

9022−15702−10

9022−15702−10

9022−15702−10

9022−15702−10

to NORD−MICRO Service

01 \*

01 \*

01 \*

01 \*

Bulletin No .

NOTE : Under certain circumstances, manual activation of the autochannel

system transfer by MODE SEL P/B from channel 2 to channel 1 may

lead to a spurious system failure of channel 2. This may occur

when CPC 9022−15702−10 is installed on channel 1 (Master CPC),

combined with a CPC 9022−15702−7, 9022−15702−7A, 9022−15702−8 or

9022−15702−9 on channel 2 (Standby CPC) manual . The failure is

resettable without further consequence .

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SERVICE BULLETIN

2. MATERIAL INFORMATION

A . MATERIAL − PRICE AND AVAILABILITY

This Service Bulletin is the subject of an AIRBUS INDUSTRIE retrofit campaign . Modification of parts/equipment is at no charge for the customer . For the organisation of this retrofit, customers are kindly requested to contact AIRBUS INDUSTRIE retrofit management department . The address is :

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte

31707 BLAGNAC CEDEX

FRANCE

Tel : (33) 5 61 93 33 33

Telex: AIRBU 530526 F

Fax : (33) 5 61 93 43 86

B . INDUSTRY SUPPORT INFORMATION

None

C . LIST OF COMPONENTS

ITEM NEW PART No . QTY UM KEYWORD ITEM OLD PART No . INT INST DISP

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 9022−15702−10 | 2 | EA | Control | (1) 9022−15702−8 | 01 (A) |
| 1 | 9022−15702−10 | 2 | EA | Control | (1) 9022−15702−7 | 01 (A) |
| 1 | 9022−15702−10 | 2 | EA | Control | (1) 9022−15702−9 | 01 (A) |
| 1 | 9022−15702−10 | 2 | EA | Control | (1) 9022−15702−7A | 01 (A) |

NOTE : For the definition of interchangeability codes in the column INT .

refer to ATA 200 Chapter 1A−2 .

NOTE : (A) in the column INST DISP :

Two CPC’s with the same or mixed PN of 9022−15702−7,

9022−15702−7A, 9022−15702−8 or 9022−15702−9 are installed . The

QTY of 2 is given in case of modification of both CPC with this

Service Bulletin, otherwise the QTY changes to 1.

Vendor parts are to be purchased from : NORD−MICRO Elektronik

Feinmechanik AG, refer to Service Bulletin No . 15702−21−006 .

D . LIST OF MATERIALS − OPERATOR SUPPLIED

None

E . PARTS TO BE RE IDENTIFIED BY THE OPERATOR

None

F . TOOLING − PRICE AND AVAILABILITY

None

G . SPECIAL TOOLS

None

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SERVICE BULLETIN

3. ACCOMPLISHMENT INSTRUCTIONS

A . GENERAL

WARNING : MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS

INCLUDED IN THE REFERENCED PROCEDURES .

WARNING : MAKE SURE THAT THE GROUND SAFETY−LOCKS ARE IN POSITION ON THE

LANDING GEAR AND THE WHEEL CHOCKS ARE IN POSITION .

WARNING : MAKE SURE THAT NO AIR IS SUPPLIED TO THE AIR CONDITIONING

SYSTEM FROM THE MAIN ENGINE, THE APU OR A GROUND SOURCE . HOT

COMPRESSED AIR CAN CAUSE INJURY TO PERSONNEL .

(1) Preparation

.aA.)(1)(a) Make sure that the aircraft is electrically grounded, refer to AMM 12−34−24 Page block 201.

.bA.)(1)(b) Do the preparation for the removal of the Cabin Pressure Controller 11HL and/or 12HL, refer to AMM 21−31−34 Page block 401.

(2) Standard Practices

None

B . MODIFICATION

.1B.)(1) Remove the Cabin Pressure Controllers 11HL and/or 12HL PN

9022−15702−7, 9022−15702−7A, 9022−15702−8 or 9022−15702−9, item

(1), refer to AMM 21−31−34 Page block 401and refer to Figure 1 .

.2B.)(2) Modification of the Cabin Pressure Controller .

.aB.)(2)(a) Modify the Cabin Pressure Controller 9022−15702−9, item (1), in accordance with NORD−MICRO Service Bulletin No . 15702−21−006 .

.bB.)(2)(b) Modify the Cabin Pressure Controller PN 9022−15702−7, 9022−15702−7A or 9022−15702−8, item (1), with NORD−MICRO Service Bulletin No . 15702−21−004 , Service Bulletin No . 15702−21−005 and Service Bulletin No . 15702−21−006 .

.3B.)(3) Re−identify the modified Cabin Pressure Controller in accordance

with NORD−MICRO Service Bulletin No . 15702−21−006 .

.4B.)(4) Install the Cabin Pressure Controller 11HL and/or 12HL, item 1,

refer to AMM 21−31−34 Page block 401and refer to Figure 1 , Sheet 1

.

NOTE : If mixed configuration is required :

− make sure that the CPC PN 9022−15702−7, 9022−15702−7A,

9022−15702−8 or 9022−15702−9 is installed on channel 1,

− make sure that the CPC PN 9022−15702−10 is installed on

channel 2.

In the case of reverse installation, manual activation of

the autochannel system transfer by MODE SEL P/B from channel

2 to channel 1 may lead to a spurious system failure of

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channel 2. This may occur when CPC 9022−15702−10 is installed on channel 1 (Master CPC), combined with a CPC 9022−15702−7, 9022−15702−7A, 9022−15702−8 or 9022−15702−9 on channel 2 (Standby CPC) manual . The failure is resettable without further consequence .

C . TEST

.1C.)(1) Do the test of the Cabin Pressure Controller 11HL and/or 12HL,

refer to AMM 21−31−34 Page block 401.

D . CLOSE UP

.1D.)(1) Make sure that the work areas are clean and clear of tools and

other items of equipment .

.2D.)(2) Do the close up after the installation of the Cabin Pressure

Controller 11HL and/or 12HL, refer to AMM 21−31−34 Page block 401.

E . DOCUMENTATION

Write in the applicable aircraft records that you have done all the work

given in this Service Bulletin .

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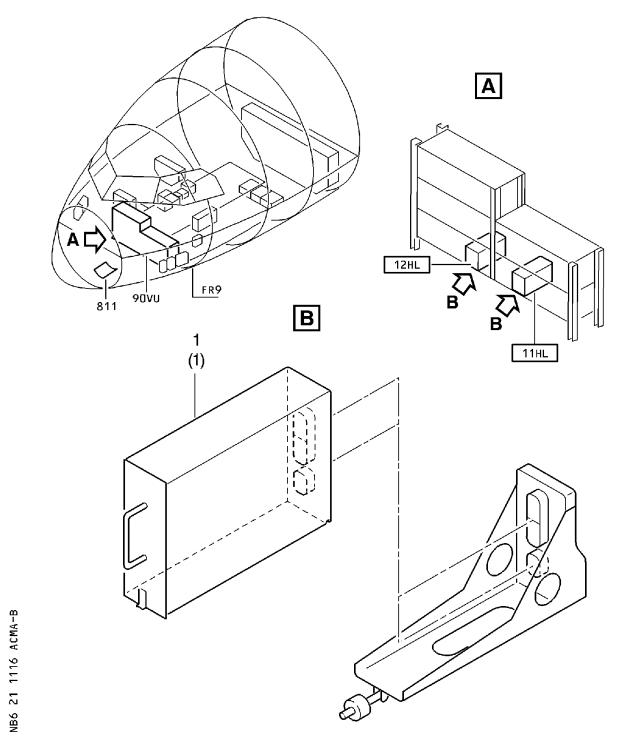


Figure 1 Sheet 1

Removal/Installation of the Cabin Pressure Controller

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SERVICE BULLETIN

REPORTING SHEET

TITLE : AIR CONDITIONING − PRESSURE CONTROL AND MONITORING − INTRODUCE PRESSURE

CONTROLLER PN 9022−15702−10

MODIFICATION No . : 28009K5801

Please complete the appropriate item :

Accepted for embodiment . . . . . . . . . . .YES/NO

Embodied on MSN : . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

..................................................

Rejected YES/NO

If YES, please provide

short explanation

From Airline : ..............................................................

Name/Title : ..............................................................

Signature : ..................... Date : .............

Important Information :

This SB will only be incorporated in your maintenance and operational

documentation if this sheet is returned to Airbus Industrie and signed by a duly

authorised representative . With the next feasible revision, this will result in − updating of maintenance documentation to show pre and post SB data .

− updating of maintenance and operational documentation to show post SB data

after embodiment .

If this SB requires previous or simultaneous accomplishment of other SBs, Airbus

Industrie shall automatically include them in the manual revisions . Refer to SIL 00−037 for detailed information Please return this completed sheet to :

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte

31707 BLAGNAC CEDEX FRANCE

Attn : AI/SE−D32 Technical Data and Documentation Services

FAX : (+33) 5 61 93 28 06

or via your Resident Customer Support Office .

Alternatively, SB lists via letters or fax are also accepted .

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QUALITY PERCEPTION FORM

Use this form to tell us what is your perception of the quality of this Service Bulletin . The reported data that you provide us will be used to analyse areas of difficulties and to take corrective action to further improve the quality of our Service Bulletins .

We thank you for the time you have taken in completing this form .

(Please rate on a scale of 1 to 4, with 4 being the highest score)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| − Quality | rating of this SB | 4 3 | 2 | 1 |
| − Quality | rating of the Accomplishment Instructions | 4 3 | 2 | 1 |
| − Quality | rating of the Illustrations | 4 3 | 2 | 1 |
| − Is this | SB easy to understand ? | Y / N |  |  |

If you have had difficulties in the accomplishment of this SB please quote below

the area(s) and give a short description of the issue .

Planning

X Effectivity

X Reason

X Manpower

X References

X Publication

Comments :

Material

X Kit Content

X List of Materials

Operator Supplied

X Re−identification

X Tooling

Instructions

X Preparation

X Mod/Inspection

X Test

X Close−up

X Illustrations

Operator :

Name/Title :

Date:

Please return this form to :

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte

31707 BLAGNAC CEDEX

Attn : AI/SE−T1 Service Bulletins Management

FAX : (33) 5 61 93 42 51

or via your Resident Customer Support Office .

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