


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0177 Date: 15 September 2011 Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A330 and A340 aeroplanes
TCDS Number :	EASA.A.004, EASA.A.015
Foreign AD :	Not applicable
Supersedure :	None
ATA 52	Doors – Forward and Aft Cargo Doors – Inspection / Replacement
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-202, A330-203, A330-223, A330-243, A330-302, A330-323, A330-342 and A330-343 aeroplanes, manufacturer serial numbers (MSN) 0796, 0832, 0840, 0845, 0849, 0853, 0855, 0861, 0862, 0866, 0868, 0871, 0873, 0876, 0879, 0882, 0885, 0887, 0889, 0891, 0892, 0896, 0898, 0899, 0903, 0904, 0905, 0907, 0913, 0927, 0930, 0935, 0936, 0937, 0940, 0943, 0944, 0946, 0949, 0952, 0954, 0964, 0971, 0975, 0982 through 0986 inclusive, 0988, 0989, 0990, 0992, 0994, 0995, 0997, 0998, 1001, 1002, 1003, 1006, 1007, 1009 through 1016 inclusive, 1018, 1020, 1022, 1023, 1026, 1028, 1029, 1037, 1045, 1049, 1052, 1053, 1055, 1058, 1060, 1061, 1065 through 1067 inclusive, 1071 through 1075 inclusive, 1077, 1080 and 1082, and Airbus A340-313 aeroplane, MSN 0955.
Reason:	Investigations have shown that a specific batch of cargo doors might have deviations in quality, such as irregular bore holes, improper application of sealant and paint or cleanliness. These production deviations are related to the quality of the door structure. This condition, if not corrected, may degrade the structural integrity of the affected Forward (Fwd) and Aft cargo doors. For the reasons described above, this AD requires a one-time inspection to identify the Fwd and Aft cargo doors, and replacement of the affected cargo doors.
Effective Date:	29 September 2011

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before the accumulation of 7 400 flight cycles (FC) or 6 years since the aeroplane first flight, whichever occurs first, accomplish the following actions, in accordance with the instructions of Airbus Service Bulletin (SB) A330-52-3083 or Airbus SB A340-52-4093, as applicable to the aeroplane type: <ol style="list-style-type: none"> (1.1) Identify the Part Number (P/N) and the serial number (S/N) of the Fwd and/or Aft cargo doors installed on aeroplane, as applicable to the aeroplane MSN, and (1.2) If a Fwd and/or Aft cargo door, identified as required by paragraph (1.1) of this AD, is fitted on an aeroplane MSN, as listed in Appendix 1 of this AD, replace the affected cargo door with a new or serviceable unit. (1.3) In case of discrepancy between the installed Fwd and/or Aft cargo doors (P/N, S/N) and the MSN listed in Appendix 1 of this AD, within 10 days after accomplishment of the inspection required by paragraph (1.1) of this AD, contact Airbus, specifying the P/N and S/N of the installed cargo door(s), to obtain further approved instructions and accomplish those instructions accordingly. (2) A review of aeroplane maintenance records is acceptable in lieu of the inspection required by paragraph (1.1) of this AD, provided the P/N and S/N of the installed Fwd and aft cargo doors can be conclusively identified from that review. (3) From the effective date of this AD, do not install on any aeroplane a cargo door that was removed from an aeroplane as required by paragraph (1.2) of this AD.
<p>Ref. Publications :</p>	<p>Airbus Service Bulletin A330-52-3083 original issue dated 31 May 2011 Airbus Service Bulletin A340-52-4093 original issue dated 31 May 2011. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 16 August 2011 as PAD 11-088 for consultation until 13 September 2011. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EIAL, Fax: + 33 5 61 93 45 80 or + 33 5 61 93 44 51. E-mail: airworthiness.A330-A340@airbus.com.

Appendix 1 – Part 1 of 3

List of Fwd and Aft cargo doors (by P/N and S/N), as applicable to aeroplane MSN:

MSN	Forward P/N	Aft P/N	Forward S/N	Aft S/N
796	F523-70550-116-00		UH1794	
832		F523-72300-106-00		UH1830
840	F523-70550-116-00		UH1838	
845	F523-70550-116-00		UH1843	
849	F523-70550-116-00		UH1847	
853	F523-70550-116-00		UH1851	
855	F523-70550-116-00		UH1853	
856	F523-70550-116-00		UH1854	
861	F523-70550-116-00		UH1859	
862	F523-70550-116-00		UH1860	
866	F523-70550-116-00		UH1864	
868	F523-70550-116-00		UH1866	
871	F523-70550-116-00		UH1869	
873	F523-70550-116-00		UH1906	
876	F523-70550-116-00		UH1874	
879	F523-70550-116-00		UH1877	
882	F523-70550-116-00		UH1880	
885	F523-70550-116-00		UH1882	
887	F523-70550-116-00		UH1885	
889	F523-70550-116-00		UH1887	
891	F523-70550-116-00		UH1889	

Appendix 1 – Part 2 of 3

List of Fwd and Aft cargo doors (by P/N and S/N), as applicable to aeroplane MSN:

MSN	Forward P/N	Aft P/N	Forward S/N	Aft S/N
892	F523-70550-116-00		UH1890	
896	F523-70550-116-00		UH1894	
898	F523-70550-116-00		UH1896	
899	F523-70550-116-00		UH1898	
903	F523-70550-116-00		UH1901	
904	F523-70550-116-00		UH1902	
905	F523-70550-116-00		UH1903	
907	F523-70550-116-00		UH1905	
913	F523-70550-116-00		UH1871	
927		F523-72300-108-00		UH1925
930		F523-72300-108-00		UH1928
935	F523-70550-116-00		UH1933	
936	F523-70550-116-00		UH1934	
937	F523-70550-116-00		UH1935	
940	F523-70550-116-00		UH1938	
943	F523-70550-116-00		UH1941	
944	F523-70550-116-00		UH1942	
946	F523-70550-116-00		UH1944	
949	F523-70550-116-00		UH1947	
952		F523-72300-110-00		UH1950
954	F523-70550-116-00		UH1952	
955	F523-70550-118-00		UH1953	
964	F523-70550-118-00		UH1962	
971	F523-70550-118-00		UH1969	
975	F523-70550-118-00		UH1973	
982	F523-70550-118-00		UH1980	
983	F523-70550-118-00		UH1981	
984	F523-70550-118-00		UH1982	
985	F523-70550-118-00		UH1983	
986	F523-70550-118-00		UH1984	
988	F523-70550-118-00		UH1986	
989	F523-70550-118-00		UH1987	
990	F523-70550-118-00		UH1988	
992	F523-70550-118-00		UH1990	
994	F523-70550-118-00		UH1992	
995	F523-70550-118-00		UH1993	
997	F523-70550-120-00		UH1995	

Appendix 1 – Part 3 of 3

List of Fwd and Aft cargo doors (by P/N and S/N), as applicable to aeroplane MSN:

* = SAME S/N, BUT FOR DIFFERENT P/N

MSN	Forward P/N	Aft P/N	Forward S/N	Aft S/N
998	F523-70550-118-00		UH1996	
999	F523-70550-120-00		UH1997	
1001	F523-70550-120-00		UH1999	
1002	F523-70550-120-00		UH2000	
1003	F523-70550-120-00		UH2001	
1006	F523-70550-120-00		UH2004	
1007	F523-70550-120-00		UH2005	
1009	F523-70550-120-00		UH2007	
1010	F523-70550-120-00		UH2008	
1011		F523-72300-114-00		UH2009
1012	F523-70550-120-00	F523-72300-112-00	UH2010 *	UH2010 *
1013	F523-70550-120-00	F523-72300-112-00	UH2011 *	UH2011 *
1014	F523-70550-120-00		UH2012	
1015	F523-70550-120-00		UH2013	
1016		F523-72300-112-00		UH2014
1018	F523-70550-120-00		UH2016	
1020	F523-70550-120-00	F523-72300-112-00	UH2018 *	UH2018 *
1022	F523-70550-122-00		UH2020	
1023	F523-70550-120-00	F523-72300-112-00	UH2021 *	UH2021 *
1026	F523-70550-120-00	F523-72300-112-00	UH2024 *	UH2024 *
1028	F523-70550-120-00		UH2026	
1029	F523-70550-120-00		UH2027	
1037	F523-70550-122-00		UH2035	
1045	F523-70550-122-00		UH2042	
1049		F523-72300-114-00		UH62023
1052		F523-72300-114-00		UH62021
1053	F523-70550-122-00	F523-72300-114-00	UH61079	UH62022
1055	F523-70550-122-00		UH2053	
1058	F523-70550-122-00	F523-72300-114-00	UH61090	UH62025
1060	F523-70550-122-00		UH61092	
1061	F523-70550-122-00		UH61093	
1065	F523-70550-122-00	F523-72300-114-00	UH61094	UH62014
1066	F523-70550-122-00	F523-72300-114-00	UH61095	UH62026
1067	F523-70550-122-00		UH61097	
1071	F523-70550-122-00		UH61096	
1072	F523-70550-122-00		UH61099	
1073	F523-70550-122-00		UH61080	
1074	F523-70550-122-00	F523-72300-114-00	UH61081	UH62028
1075	F523-70550-122-00		UH61082	
1077	F523-70550-122-00	F523-72300-114-00	UH61078	UH62029
1080	F523-70550-122-00	F523-72300-114-00	UH61083	UH62030
1082	F523-70550-122-00	F523-72300-114-00	UH61084	UH62031