



## Airworthiness Directive

**AD No.:** 2021-0229

**Issued:** 05 November 2021

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 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 [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

### Design Approval Holder's Name:

AIRBUS

### Type/Model designation(s):

A318, A319, A320 and A321 aeroplanes

**Effective Date:** 19 November 2021

**TCDS Number(s):** EASA.A.064

**Foreign AD:** Not applicable

**Supersedure:** This AD supersedes EASA AD 2020-0174 dated 05 August 2020.

## ATA 57 – Wings – Outer Flaps and Tabs – Identification/ Inspection (Improper Heat Treatment) / Replacement (Wrong Material)

### Manufacturer(s):

Airbus, formerly Airbus Industrie

### Applicability:

Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers (MSN).

### Definitions:

For the purpose of this AD, the following definitions apply:

**The applicable SB:** Airbus Service Bulletin (SB) A320-57-1190 Revision 02 for the parts subject to improper heat treatment (IHT); and SB A320-57-1198 Revision 02 for the parts manufactured with wrong material (WM), as applicable.

**Suspected IHT part:** Outer flaps, having a serial number (s/n) as listed in Appendix 1 (for A318, A319 and A320 aeroplanes) or Appendix 2 (for A321 aeroplanes) of this AD, or a s/n which cannot be identified.

**Suspected WM part:** Outer flap tabs, having a s/n as listed in Appendix 2 (for A321 aeroplanes) of this AD, or a s/n which cannot be identified.

**Affected part:** A suspected IHT or WM part which did not pass (defect(s) found) a special detailed inspection (SDI) in accordance with the instructions of the applicable SB, except those that, after failing that SDI, have been repaired in accordance with applicable Airbus approved repair instructions.

**Serviceable part:** A part which is not a suspected (IHT or WM) part; or a suspected (IHT or WM) part which has passed an SDI (no defect found) in accordance with the instructions of the applicable SB; or a suspected (IHT or WM) part which, after failing an SDI, has been repaired in accordance with applicable Airbus approved repair instructions.

**Groups:** Group 1 aeroplanes are those that have a suspected (IHT and/or WM) part installed. Group 2 aeroplanes are those that do not have a suspected (IHT or WM) part installed.

**Reason:**

Airbus quality controls identified that several structural parts, installed on certain flaps on A320 family aeroplanes, were manufactured from improperly heat-treated materials, or wrong material. Subsequent review identified the affected flaps and established that those flaps were installed on aeroplanes manufactured between November 2011 and February 2013. From February 2013, Airbus implemented measures into the manufacturing processes to ensure detection and prevention of installation of improperly heat-treated parts or parts manufactured with wrong material.

A detailed safety assessment was accomplished to identify the possible impact of affected parts on the aeroplane structure. The result of this structural analysis demonstrated the capability of the affected structure to sustain static limit loads, but failed to confirm that the affected structures meet the certified fatigue life.

This condition, if not detected and corrected, could lead to flap trailing edge failure, possibly resulting in reduced control of the aeroplane.

To address this unsafe condition, Airbus issued the applicable SB to provide inspection instructions for suspected parts. EASA issued AD 2019-0012 to require a one-time SDI of suspected WM parts for material identification and, depending on findings, replacement with serviceable parts.

After that AD was issued, an updated list of suspected parts was identified, and EASA issued AD 2020-0174, retaining the requirements of EASA AD 2019-0012, which was superseded, including updated lists of suspected (IHT and WM) parts, and requiring a one-time SDI of suspected IHT parts and, depending on findings, accomplishment of applicable corrective action(s).

Since that AD was issued, typographical errors have been identified in some s/n of suspected parts, installed at delivery on MSN 4534, 5280 and 5281, as listed in Appendix 1 and 2 of that AD, and Airbus revised the applicable SB (now at revision 02). Furthermore, it was determined that different s/n formats have been used to identify certain suspected IHT/WM parts in production.

For the reasons described above, this AD retains the requirements of AD 2020-0174, which is superseded, updating the list of suspected parts. This AD also introduces a Note to clarify the s/n format of suspected parts.

#### Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

#### Inspection(s):

- (1) For Group 1 aeroplanes: Within 72 months after 19 August 2020 [the effective date of EASA AD 2020-0174], or before exceeding 144 months since the applicable reference date as defined in Appendix 1 or 2 of this AD, whichever occurs first, accomplish a one-time SDI of each suspected (IHT and WM) part, in accordance with the instructions of the applicable SB.

#### Corrective Action(s):

- (2) If, during any SDI as required by paragraph (1) of this AD, as applicable, an affected part is identified, within the compliance time(s) as defined in paragraph (1) of this AD, contact Airbus for approved instructions and, within the compliance time(s) specified in those instructions, accomplish those instructions accordingly.
- (3) Replacing an affected part on an aeroplane with a serviceable part, as defined in this AD, is an acceptable alternative method to comply with the requirements of paragraph (2) of this AD for that aeroplane, provided the compliance time(s) as defined in paragraph (1) of this AD are not exceeded. Part(s) replacement can be accomplished in accordance with the instructions of the applicable aircraft maintenance manual.

#### Credit:

- (4) An aeroplane having an MSN not identified in Appendix 1 or Appendix 2 of this AD is not affected by the requirements of paragraph (1) of this AD, provided it has been determined that no suspected (IHT or WM) part is installed on that aeroplane. A review of aeroplane delivery and/or maintenance records is acceptable to make this determination, provided those records can be relied upon for that purpose and the s/n of the part(s) can be positively identified from that review.
- (5) Inspections and corrective action(s) for suspected IHT or WM parts, accomplished on an aeroplane before the effective date of this AD in accordance with the instructions of Airbus SB A320-57-1190 and SB A320-57-1198 at original issue, or Revision 01, as applicable, are acceptable to comply with the requirements of paragraph (1) of this AD, as applicable, for that aeroplane.

#### Parts Installation:

- (6) From 19 August 2020 [the effective date of AD 2020-0174], it is allowed to install on any aeroplane a suspected (IHT or WM) part, provided that, following installation, the part is inspected as required by paragraph (1) of this AD.
- (7) From 19 August 2020 [the effective date of AD 2020-0174], it is allowed to install on any aeroplane an affected part, provided that, following installation, Airbus approved instructions

for that part are accomplished, as required by paragraph (2) of this AD, or the part is replaced as specified in paragraph (3) of this AD.

#### Ref. Publications:

Airbus SB A320-57-1190 original issue dated 25 January 2017, or Revision 01 dated 05 September 2018, or Revision 02 dated 11 May 2021.

Airbus SB A320-57-1198 original issue dated 24 January 2017, or Revision 01 dated 15 June 2020, or Revision 02 dated 24 May 2021.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

#### Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – IASA; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).

## Appendix 1 – IHT Suspected Parts – A318 A319 A320 aeroplanes (see Notes 1 and 2 of this AD)

Note 1: The aeroplane MSN as identified in Appendix 1 of this AD are for reference only, based on aeroplane configuration at the time of Airbus delivery to the first operator.

Note 2: The outer flap s/n has usually no space after 'TB'. Some parts have been identified and placarded with a s/n having an hyphen ('-') after 'TB'; a space after 'TB' is used to increase readability within certain Airbus documents, including the applicable SB: this kind of change does not effectively alter the s/n reference.

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
4895	TB 14809	TB 14872	16 March 2012
4903	TB 14946	TB 14919	28 March 2012
4911	TB 14911	TB 14911	12 April 2012
4919	TB 14891	TB 14876	17 April 2012
4929	TB 14984	TB 14984	25 April 2012
4938	TB 14909	TB 14909	09 May 2012
4942	TB 14977	TB 14977	21 December 2011
4944	TB 14948	TB 14944	20 December 2011
4946	TB 14955	TB 14955	16 May 2012
4948	TB 14951	TB 14951	21 December 2011
4951	TB 14954	TB 14954	22 December 2011
4956	TB 14956	TB 14956	30 December 2011
4958	TB 14958	TB 14958	14 December 2011
4959	TB 14959	TB 14959	22 December 2011
4961	TB 14961	TB 14961	29 December 2011
4963	TB 14963	TB 14963	22 December 2011
4964	TB 14964	TB 14964	21 December 2011
4965	TB 14965	TB 14965	09 January 2012
4967	TB 15022	TB 14968	25 May 2012
4968	TB 14950	TB 14952	19 January 2012
4969	TB 14969	TB 14981	19 December 2011
4970	TB 14997	TB 14997	18 January 2012
4972	TB 14972	TB 14972	21 December 2011
4973	TB 14930	TB 14950	12 January 2012
4974	TB 14970	TB 14970	19 December 2011
4975	TB 14975	TB 14975	12 January 2012
4977	TB 14866	TB 14946	05 June 2012
4978	TB 14978	TB 14978	19 January 2012
4979	TB 14979	TB 14979	23 December 2011
4980	TB 14980	TB 14980	23 January 2012
4981	TB 14973	TB 14973	11 January 2012
4982	TB 14982	TB 14982	29 December 2011
4983	TB 14983	TB 14983	19 January 2012
4984	TB 14974	TB 14974	11 January 2012
4985	TB 14985	TB 14985	20 January 2012

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
4986	TB 14986	TB 14986	12 January 2012
4987	TB 14990	TB 14990	12 June 2012
4988	TB 14988	TB 14988	10 February 2012
4989	TB 14989	TB 14995	25 January 2012
4990	TB 14991	TB 14989	12 January 2012
4991	TB 14996	TB 14996	26 January 2012
4992	TB 14992	TB 14992	11 February 2012
4993	TB 14993	TB 14999	30 January 2012
4995	TB 14995	TB 14993	27 March 2012
4996	TB 15001	TB 15001	31 January 2012
4997	TB 15013	TB 15013	20 June 2012
4998	TB 14998	TB 14998	19 January 2012
4999	TB 15004	TB 15004	31 January 2012
5000	TB 15000	TB 15000	17 January 2012
5001	TB 15006	TB 15005	07 February 2012
5002	TB 15002	TB 15002	23 January 2012
5003	TB 15003	TB 15003	01 February 2012
5004	TB 15010	TB 15014	06 February 2012
5005	TB 15005	TB 15007	30 January 2012
5006	TB 15018	TB 15018	29 February 2012
5007	TB 15007	TB 15008	26 January 2012
5008	TB 14999	TB 15030	17 February 2012
5010	TB 15019	TB 15017	20 February 2012
5011	TB 15021	TB 15026	17 February 2012
5012	TB 15016	TB 15016	02 February 2012
5013	TB 14981	TB 15010	03 July 2012
5014	TB 15014	TB 15027	13 July 2012
5015	TB 15040	TB 15033	17 February 2012
5016	TB 15008	TB 15020	31 January 2012
5017	TB 15017	TB 15024	23 February 2012
5018	TB 15020	TB 15023	14 June 2012
5019	TB 15011	TB 15021	08 February 2012
5020	TB 15015	TB 14991	03 February 2012
5021	TB 15026	TB 15011	22 February 2012
5022	TB 14968	TB 15022	23 July 2012



MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5023	TB 15023	TB 15015	13 February 2012
5024	TB 15024	TB 15031	23 February 2012
5026	TB 15033	TB 15040	24 February 2012
5027	TB 15027	TB 15036	09 February 2012
5029	TB 15029	TB 15034	28 February 2012
5030	TB 15030	TB 14969	10 February 2012
5031	TB 19020	TB 19020	16 March 2012
5032	TB 15032	TB 15032	01 August 2012
5033	TB 15036	TB 15019	28 February 2012
5034	TB 15034	TB 15039	02 March 2012
5036	TB 15031	TB 15029	20 February 2012
5037	TB 15042	TB 15042	29 February 2012
5039	TB 15039	TB 15047	08 March 2012
5040	TB 15037	TB 15037	21 December 2012
5041	TB 15064	TB 15091	10 August 2012
5042	TB 15045	TB 15045	06 March 2012
5043	TB 15043	TB 15043	23 February 2012
5045	TB 15050	TB 15050	15 March 2012
5046	TB 15046	TB 15046	22 March 2012
5047	TB 15047	TB 15006	23 March 2012
5048	TB 15048	TB 15048	28 February 2012
5050	TB 15041	TB 15041	09 March 2012
5051	TB 15058	TB 15060	17 August 2012
5052	TB 15052	TB 15052	04 April 2012
5053	TB 15053	TB 15053	27 March 2012
5055	TB 15061	TB 15055	16 March 2012
5056	TB 15056	TB 15056	03 April 2012
5057	TB 15057	TB 15057	02 March 2012
5058	TB 15055	TB 15058	20 March 2012
5060	TB 15063	TB 15063	14 March 2012
5061	TB 15090	TB 15090	29 August 2012
5062	TB 15062	TB 15062	29 March 2012
5063	TB 15067	TB 15067	29 March 2012
5064	TB 15070	TB 15070	12 April 2012
5066	TB 15066	TB 15066	25 April 2012
5067	TB 15071	TB 15071	22 March 2012
5068	TB 15060	TB 15068	16 March 2012
5069	TB 15068	TB 15061	23 March 2012
5070	TB 15073	TB 15073	13 March 2012
5071	TB 15091	TB 15150	05 September 2012
5072	TB 15072	TB 15072	02 April 2012
5073	TB 15069	TB 15069	23 April 2012
5075	TB 15075	TB 15075	29 March 2012

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5076	TB 15079	TB 15079	26 March 2012
5078	TB 15082	TB 15082	10 April 2012
5079	TB 15051	TB 15051	21 March 2012
5080	TB 15080	TB 15080	04 April 2012
5081	TB 15081	TB 15081	27 March 2012
5082	TB 15112	TB 15112	17 September 2012
5084	TB 15084	TB 15084	16 April 2012
5085	TB 15153	TB 15085	22 March 2012
5086	TB 15086	TB 15086	13 April 2012
5088	TB 15088	TB 15088	05 April 2012
5089	TB 15076	TB 15076	13 April 2012
5090	TB 15078	TB 15078	29 March 2012
5091	TB 15135	TB 15135	25 September 2012
5092	TB 15092	TB 15092	28 March 2012
5093	TB 15093	TB 15093	20 April 2012
5094	TB 15094	TB 15094	30 March 2012
5095	TB 15095	TB 15095	29 March 2012
5096	TB 15096	TB 15096	24 April 2012
5097	TB 15089	TB 15089	30 March 2012
5098	TB 15098	TB 15098	19 July 2013
5100	TB 15144	TB 15188	12 October 2012
5101	TB 15101	TB 15101	30 March 2012
5102	TB 15102	TB 15102	20 April 2012
5103	TB 15107	TB 15107	19 April 2012
5104	TB 15104	TB 15104	05 April 2012
5105	TB 15103	TB 15097	30 April 2012
5106	TB 15106	TB 15106	24 April 2012
5107	TB 15097	TB 15103	16 April 2012
5108	TB 15108	TB 15108	24 April 2012
5109	TB 15109	TB 15109	11 April 2012
5110	TB 15142	TB 15142	18 October 2012
5111	TB 15111	TB 15111	19 April 2012
5112	TB 15113	TB 15113	27 April 2012
5113	TB 15105	TB 15105	17 April 2012
5114	TB 15114	TB 15114	26 April 2012
5115	TB 15115	TB 15115	19 April 2012
5116	TB 15116	TB 15116	13 April 2012
5117	TB 15117	TB 15117	14 May 2012
5119	TB 15119	TB 15119	07 May 2012
5120	TB 15120	TB 15120	27 April 2012
5121	TB 15190	TB 15171	26 October 2012
5122	TB 15122	TB 15122	23 April 2012
5123	TB 15123	TB 15123	27 April 2012



MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5125	TB 15125	TB 15125	25 April 2012
5127	TB 15130	TB 15130	24 May 2012
5128	TB 15128	TB 15128	24 May 2012
5129	TB 15129	TB 15129	21 May 2012
5130	TB 15110	TB 15110	22 May 2012
5131	TB 15163	TB 15064	02 November 2012
5132	TB 15132	TB 15132	23 May 2012
5134	TB 15134	TB 15134	14 May 2012
5135	TB 15100	TB 15100	07 May 2012
5136	TB 15136	TB 15136	08 May 2012
5137	TB 15139	TB 15139	16 May 2012
5138	TB 15138	TB 15138	15 May 2012
5139	TB 15137	TB 15137	18 May 2012
5140	TB 15140	TB 15140	10 May 2012
5141	TB 15151	TB 15190	13 November 2012
5142	TB 15121	TB 15121	16 May 2012
5143	TB 15143	TB 15143	10 May 2012
5144	TB 15146	TB 15144	10 May 2012
5145	TB 15147	TB 15147	23 May 2012
5146	TB 15148	TB 15148	08 May 2012
5147	TB 15145	TB 15145	31 May 2012
5148	TB 15127	TB 15127	08 June 2012
5149	TB 15149	TB 15149	24 May 2012
5150	TB 15150	TB 15146	11 May 2012
5151	TB 15165	TB 15165	03 December 2012
5152	TB 15152	TB 15152	20 June 2012
5153	TB 15171	TB 15153	07 June 2012
5155	TB 15155	TB 15155	25 May 2012
5156	TB 15156	TB 15156	05 June 2012
5157	TB 15218	TB 15288	23 November 2012
5158	TB 15158	TB 15158	23 May 2012
5159	TB 15159	TB 15131	11 June 2012
5161	TB 15161	TB 15161	16 June 2012
5162	TB 15162	TB 15162	24 May 2012
5163	TB 15085	TB 15163	18 June 2012
5165	TB 15288	TB 15141	07 December 2012
5166	TB 15166	TB 15166	15 June 2012
5167	TB 15170	TB 15167	31 May 2012
5168	TB 15141	TB 15168	15 June 2012
5170	TB 15167	TB 15170	07 June 2012
5171	TB 15131	TB 15159	12 July 2012
5172	TB 15172	TB 15172	18 June 2012
5174	TB 15174	TB 15174	31 May 2012

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5175	TB 15175	TB 15175	10 July 2012
5176	TB 15232	TB 15225	14 December 2012
5178	TB 15178	TB 15178	08 June 2012
5179	TB 15179	TB 15179	21 June 2012
5181	TB 15181	TB 15181	13 June 2012
5182	TB 15187	TB 15187	16 June 2014
5183	TB 15168	TB 15242	21 December 2012
5184	TB 15184	TB 15184	11 June 2012
5185	TB 15195	TB 15195	28 June 2012
5187	TB 15182	TB 15182	19 June 2012
5188	TB 15188	TB 15151	05 July 2012
5189	TB 15189	TB 15185	29 June 2012
5190	TB 15185	TB 15189	28 June 2012
5191	TB 15191	TB 15191	14 June 2012
5193	TB 15193	TB 15193	22 June 2012
5194	TB 15157	TB 15157	29 June 2012
5195	TB 15198	TB 15196	22 June 2012
5196	TB 15194	TB 15194	29 June 2012
5198	TB 15196	TB 15198	29 June 2012
5200	TB 15202	TB 15202	12 July 2012
5201	TB 15201	TB 15201	26 June 2012
5202	TB 15208	TB 15208	09 July 2012
5203	TB 15203	TB 15203	18 July 2012
5204	TB 15204	TB 15204	13 July 2012
5206	TB 15211	TB 15211	12 July 2012
5207	TB 15207	TB 15207	28 June 2012
5208	TB 15217	TB 15217	05 July 2012
5209	TB 15176	TB 15176	30 July 2012
5211	TB 15209	TB 15209	18 July 2012
5212	TB 15212	TB 15212	10 July 2012
5213	TB 15213	TB 15213	29 June 2012
5214	TB 15214	TB 15214	05 July 2012
5215	TB 15215	TB 15215	19 July 2012
5216	TB 15369	TB 15352	11 January 2013
5217	TB 15200	TB 15200	13 July 2012
5218	TB 15224	TB 15224	10 August 2012
5219	TB 15219	TB 15219	10 July 2012
5220	TB 15223	TB 15220	27 July 2012
5221	TB 15221	TB 15221	08 August 2012
5222	TB 15222	TB 15222	12 July 2012
5223	TB 14870	TB 14708	30 July 2012
5224	TB 15220	TB 15223	07 August 2012
5225	TB 15206	TB 15206	25 July 2012



MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5226	TB 15352	TB 15262	18 January 2013
5228	TB 15228	TB 15228	26 July 2012
5229	TB 15229	TB 15229	20 July 2012
5230	TB 15230	TB 15230	16 July 2012
5231	TB 15231	TB 15231	23 July 2012
5232	TB 15236	TB 15236	27 July 2012
5234	TB 15234	TB 15234	05 September 2012
5236	TB 15225	TB 15232	31 July 2012
5238	TB 15240	TB 15240	07 August 2012
5239	TB 15239	TB 15239	30 July 2012
5240	TB 15183	TB 15183	13 August 2012
5242	TB 15243	TB 15243	09 August 2012
5243	TB 15238	TB 15238	06 August 2012
5245	TB 15216	TB 15216	06 August 2012
5246	TB 15245	TB 15245	08 August 2012
5248	TB 15242	TB 15246	08 August 2012
5249	TB 15255	TB 15255	08 August 2012
5250	TB 15250	TB 15250	09 August 2012
5252	TB 15249	TB 15249	21 August 2012
5253	TB 15253	TB 15253	04 September 2012
5255	TB 15248	TB 15248	19 October 2012
5256	TB 15258	TB 15256	17 August 2012
5258	TB 15260	TB 15260	17 August 2012
5259	TB 15259	TB 15259	16 August 2012
5260	TB 15252	TB 15258	19 September 2012
5261	TB 15256	TB 15261	31 December 2012
5262	TB 15266	TB 15266	21 August 2012
5263	TB 15263	TB 15263	22 August 2012
5264	TB 15264	TB 15264	24 September 2012
5266	TB 15378	TB 15268	24 September 2012
5267	TB 15267	TB 15378	28 August 2012
5268	TB 15268	TB 15369	17 September 2012
5270	TB 15270	TB 15270	17 September 2012
5272	TB 15272	TB 15272	17 September 2012
5273	TB 15273	TB 15273	26 October 2012
5274	TB 15280	TB 15276	19 September 2012
5276	TB 15274	TB 15274	27 September 2012
5277	TB 15277	TB 15277	12 October 2012
5278	TB 15278	TB 15278	27 September 2012
<b>5280</b>	<b>TB 15276</b>	<b>TB 15302</b>	<b>05 September 2012</b>
<b>5281</b>	<b>TB 15281</b>	<b>TB 15281</b>	<b>03 October 2012</b>
5283	TB 15283	TB 15283	27 September 2012
5284	TB 15284	TB 15284	19 September 2012

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5286	TB 15389	TB 15389	12 September 2012
5288	TB 15246	TB 15218	25 January 2013
5289	TB 15289	TB 15289	28 September 2012
5290	TB 15290	TB 15290	15 November 2012
5291	TB 15291	TB 15291	05 October 2012
5293	TB 15293	TB 15293	26 September 2012
5294	TB 15541	TB 15544	15 January 2013
5296	TB 15296	TB 15296	24 September 2012
5298	TB 15294	TB 15294	26 September 2012
5299	TB 15299	TB 15299	16 October 2012
5301	TB 15301	TB 15301	28 September 2012
5302	TB 15302	TB 15280	03 October 2012
5304	TB 15307	TB 15307	04 October 2012
5305	TB 15305	TB 15305	05 October 2012
5307	TB 15401	TB 15304	04 October 2012
5308	TB 15308	TB 15407	18 October 2012
5310	TB 15310	TB 15310	31 October 2012
5311	TB 15313	TB 15313	09 October 2012
5312	TB 15312	TB 15312	17 October 2012
5313	TB 15311	TB 15311	23 October 2012
5315	TB 15315	TB 15315	09 October 2012
5316	TB 15316	TB 15316	25 October 2012
5318	TB 15318	TB 15318	10 October 2012
5319	TB 15319	TB 15319	07 November 2012
5320	TB 15320	TB 15320	16 October 2012
5322	TB 15322	TB 15322	19 November 2012
5323	TB 15324	TB 15324	18 October 2012
5324	TB 15323	TB 15323	18 October 2012
5325	TB 15325	TB 15325	18 October 2012
5326	TB 15326	TB 15326	18 October 2012
5327	TB 15327	TB 15327	17 December 2013
5329	TB 15329	TB 15329	19 October 2012
5330	TB 15330	TB 15330	24 October 2012
5331	TB 15331	TB 15331	24 October 2012
5333	TB 15333	TB 15333	02 November 2012
5334	TB 15334	TB 15334	14 November 2012
5335	TB 15335	TB 15335	25 October 2012
5337	TB 15337	TB 15337	31 October 2012
5338	TB 15338	TB 15338	30 October 2012
5339	TB 15344	TB 15344	30 October 2012
5341	TB 15341	TB 15341	31 October 2012
5342	TB 15342	TB 15342	29 October 2012
5344	TB 15339	TB 15339	30 October 2012





MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5345	TB 15345	TB 15345	06 November 2012
5347	TB 15347	TB 15347	09 November 2012
5348	TB 15348	TB 15348	13 November 2012
5349	TB 15349	TB 15349	07 November 2012
5351	TB 15351	TB 15351	09 November 2012
5352	TB 15410	TB 15267	01 February 2013
5353	TB 15353	TB 15353	09 November 2012
5355	TB 15355	TB 15355	13 November 2012
5356	TB 15356	TB 15356	04 December 2012
5358	TB 15358	TB 15358	09 November 2012
5359	TB 15359	TB 15359	13 November 2012
5360	TB 15360	TB 15360	20 November 2012
5361	TB 15361	TB 15361	23 November 2012
5362	TB 15362	TB 15362	16 November 2012
5363	TB 15363	TB 15363	20 November 2012
5364	TB 15364	TB 15364	13 November 2012
5365	TB 15365	TB 15365	15 November 2012
5366	TB 15366	TB 15366	06 March 2013
5367	TB 15367	TB 15367	20 November 2012
5369	TB 15226	TB 15226	06 February 2013
5370	TB 15370	TB 15370	15 November 2012
5371	TB 15371	TB 15371	27 November 2012
5372	TB 15372	TB 15372	20 November 2012
5373	TB 15373	TB 15373	30 November 2012
5375	TB 15375	TB 15375	28 November 2012
5376	TB 15376	TB 15376	04 December 2012
5378	TB 15439	TB 15252	01 March 2013
5379	TB 15379	TB 15379	26 November 2012
5380	TB 15380	TB 15380	19 November 2012
5381	TB 15381	TB 15381	29 November 2012
5383	TB 15383	TB 15383	04 December 2012
5384	TB 15384	TB 15384	27 November 2012
5386	TB 15393	TB 15393	30 November 2012
5387	TB 15386	TB 15386	05 December 2012
5389	TB 15262	TB 15286	04 March 2013
5390	TB 15390	TB 15390	30 November 2012
5391	TB 15391	TB 15391	26 November 2012
5393	TB 15395	TB 15395	10 December 2012
5394	TB 15394	TB 15396	27 December 2012
5395	TB 15516	TB 15516	13 December 2012
5396	TB 15396	TB 15394	21 December 2012
5397	TB 15397	TB 15397	13 December 2012
5398	TB 15398	TB 15398	13 December 2012

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5399	TB 15304	TB 15401	10 December 2012
5400	TB 15400	TB 15400	28 December 2012
5401	TB 15399	TB 15399	19 December 2012
5403	TB 15403	TB 15403	19 December 2012
5405	TB 15405	TB 15405	19 December 2012
5406	TB 15406	TB 15406	18 September 2013
5407	TB 15411	TB 15411	19 December 2012
5408	TB 15408	TB 15408	17 December 2012
5410	TB 15286	TB 15410	15 March 2013
5411	TB 15407	TB 15308	13 December 2012
5412	TB 15412	TB 15412	19 December 2012
5414	TB 15414	TB 15414	20 December 2012
5415	TB 15415	TB 15415	20 December 2012
5416	TB 15426	TB 15426	22 January 2013
5417	TB 15417	TB 15417	17 December 2012
5419	TB 15419	TB 15439	25 March 2013
5420	TB 15420	TB 15420	20 December 2012
5421	TB 15421	TB 15421	27 December 2012
5423	TB 15423	TB 15423	20 December 2012
5424	TB 15556	TB 15424	17 January 2013
5425	TB 15425	TB 15478	23 January 2013
5426	TB 15416	TB 15416	21 December 2012
5428	TB 15428	TB 15428	21 December 2012
5429	TB 15434	TB 15429	21 December 2012
5430	TB 15442	TB 15442	28 December 2012
5431	TB 15431	TB 15431	21 December 2012
5433	TB 15433	TB 15433	11 January 2013
5434	TB 15429	TB 15434	10 January 2013
5436	TB 15436	TB 15436	17 January 2013
5437	TB 15437	TB 15437	28 January 2013
5439	TB 15480	TB 15419	29 March 2013
5440	TB 15440	TB 15440	23 January 2013
5441	TB 15441	TB 15441	23 January 2013
5442	TB 15446	TB 15446	18 January 2013
5443	TB 15448	TB 15448	31 January 2013
5445	TB 15445	TB 15445	18 March 2013
5446	TB 15452	TB 15452	31 January 2013
5448	TB 15453	TB 15453	23 January 2013
5449	TB 15449	TB 15449	22 January 2013
5451	TB 15484	TB 15451	11 April 2013
5452	TB 15458	TB 15458	24 January 2013
5453	TB 15474	TB 15454	29 January 2013
5454	TB 15454	TB 15474	24 January 2013



MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5455	TB 15455	TB 15455	08 March 2013
5457	TB 15479	TB 15479	04 February 2013
5458	TB 15443	TB 15443	24 January 2013
5460	TB 15482	TB 15460	01 February 2013
5461	TB 15461	TB 15461	28 January 2013
5463	TB 15463	TB 15463	30 January 2013
5464	TB 15464	TB 15464	11 February 2013
5466	TB 15466	TB 15466	30 January 2013
5467	TB 15476	TB 15476	14 February 2013
5468	TB 15468	TB 15468	31 January 2013
5471	TB 15471	TB 15471	24 April 2013
5472	TB 15472	TB 15472	04 February 2013
5473	TB 15505	TB 15511	14 February 2013
5474	TB 15457	TB 15457	12 February 2013
5476	TB 15488	TB 15488	21 February 2013
5477	TB 15568	TB 15486	11 February 2013
5478	TB 15508	TB 15483	20 February 2013
5479	TB 15460	TB 15568	19 February 2013
5480	TB 15506	TB 15480	24 April 2013
5482	TB 15494	TB 15482	25 February 2013
5483	TB 15491	TB 15499	14 March 2013
5484	TB 15387	TB 15484	27 April 2013
5486	TB 15492	TB 15494	21 February 2013
5487	TB 15487	TB 15487	27 February 2013
5488	TB 15600	TB 15491	21 February 2013
5489	TB 15486	TB 15489	15 February 2013
5491	TB 15498	TB 15498	19 March 2013
5492	TB 15499	TB 15492	18 February 2013
5493	TB 15536	TB 15507	28 February 2013
5494	TB 15502	TB 15502	01 March 2013
5496	TB 15496	TB 15430	21 February 2013
5497	TB 15497	TB 15497	05 March 2013
5498	TB 15501	TB 15501	06 March 2013
5499	TB 15579	TB 15520	28 February 2013
5501	TB 15503	TB 15503	20 March 2013
5502	TB 15478	TB 15505	27 February 2013
5503	TB 15510	TB 15510	08 March 2013
5505	TB 15511	TB 15579	27 February 2013
5506	TB 15550	TB 15506	11 May 2013
5507	TB 15628	TB 15515	14 March 2013
5508	TB 15483	TB 15508	27 February 2013
5510	TB 15547	TB 15425	12 March 2013

MSN	Outer LH flap s/n	Outer RH flap s/n	Reference date
5511	TB 15529	TB 15529	28 February 2013
5512	TB 15518	TB 15628	20 March 2013
5514	TB 15520	TB 15514	13 March 2013
5515	TB 15553	TB 15518	15 March 2013
5516	TB 15561	TB 15387	17 May 2013
5517	TB 15517	TB 15517	21 March 2013
5518	TB 15562	TB 15553	20 March 2013
5520	TB 15526	TB 15493	13 March 2013
5521	TB 15566	TB 15496	26 March 2013
5522	TB 15559	TB 15559	25 March 2013
5524	TB 15524	TB 15664	19 March 2013
5525	TB 15639	TB 15639	26 March 2013
5526	TB 15532	TB 15600	14 March 2013
5527	TB 15527	TB 15527	26 March 2013
5529	TB 15530	TB 15526	21 May 2013
5530	TB 15611	TB 15536	22 March 2013
5531	TB 15572	TB 15531	05 April 2013
5532	TB 15489	TB 15532	28 June 2013
5533	TB 15533	TB 15566	05 April 2013
5535	TB 15578	TB 15533	28 March 2013
5536	TB 15539	TB 15611	15 March 2013
5537	TB 15537	TB 15572	10 April 2013
5539	TB 15507	TB 15539	15 March 2013
5540	TB 15664	TB 15585	05 April 2013
5541	TB 15512	TB 15512	18 March 2013
5544	TB 15515	TB 15547	21 March 2013
5547	TB 15521	TB 15556	25 March 2013
5550	TB 15563	TB 15550	03 June 2013
5551	TB 15551	TB 15551	29 March 2013
5553	TB 15522	TB 15521	28 March 2013
5556	TB 15424	TB 15562	26 March 2013
5559	TB 15570	TB 15525	04 April 2013
5561	TB 15564	TB 15561	07 June 2013
5562	TB 15565	TB 15565	19 June 2013
5563	TB 15477	TB 15563	26 June 2013
5565	TB 15650	TB 15570	02 April 2013
5566	TB 15581	TB 15581	04 April 2013
5570	TB 15535	TB 15535	08 April 2013
5572	TB 15576	TB 15576	09 April 2013
5576	TB 15656	TB 15656	18 April 2013
5578	TB 15585	TB 15578	17 April 2013



## Appendix 2 – WM and IHT Suspected Parts – A321 aeroplanes (see Notes 3 and 4 of this AD)

Note 3: The aeroplane MSN as identified in Appendix 2 of this AD are for reference only, based on aeroplane configuration at the time of Airbus delivery to the first operator.

Note 4: The flap s/n has usually no space after 'TB'. Some parts have been identified and placarded with a s/n having an hyphen ('-') after 'TB'; a space after 'TB' is used to increase readability within certain Airbus documents, including the applicable SB: this kind of change does not effectively alter the s/n reference.

MSN	Flap LH S/N	Flap RH S/N	Tab LH	Tab RH	Reference date
4494	TB 14494	TB 14494	TB 14494	TB 14494	10 November 2010
4500	TB 14500	TB 14500	TB 14500	TB 14500	21 December 2010
4530	TB 14530	TB 14530	TB 14530	TB 14530	09 December 2010
<b>4534</b>	<b>TB 14534</b>	<b>TB 14534</b>	<b>TB 14534</b>	<b>TB 14534</b>	<b>14 December 2010</b>
4538	TB 14538	TB 14538	TB 14538	TB 14538	22 December 2010
4542	TB 14542	TB 14542	TB 14542	TB 14542	24 January 2011
4545	TB 14545	TB 14545	TB 14545	TB 14545	21 December 2010
4560	TB 14560	TB 14560	TB 14560	TB 14560	21 January 2011
4570	TB 14570	TB 14570	TB 14570	TB 14570	22 February 2011
4577	TB 14577	TB 14577	TB 14577	TB 14577	31 January 2011
4585	TB 14607	TB 14626	TB 14607	TB 14626	08 February 2011
4590	TB 14590	TB 14590	TB 14590	TB 14590	14 February 2011
4607	TB 14626	TB 14607	TB 14626	TB 14607	17 February 2011
4611	TB 14611	TB 14611	TB 14611	TB 14611	24 February 2011
4617	TB 14617	TB 14617	TB 14617	TB 14617	08 March 2011
4626	TB 14585	TB 14672	TB 14585	TB 14672	29 March 2011
4638	TB 14638	TB 14638	TB 14638	TB 14638	23 March 2011
4643	TB 14643	TB 14643	TB 14643	TB 14643	28 March 2011
4648	TB 14648	TB 14648	TB 14648	TB 14648	30 March 2011
4654	TB 14654	TB 14654	TB 14654	TB 14654	29 March 2011
4662	TB 14662	TB 14662	TB 14662	TB 14662	28 April 2011
4669	TB 14669	TB 14669	TB 14669	TB 14669	28 April 2011
4672	TB 14672	TB 14585	TB 14672	TB 14585	11 April 2011
4682	TB 14682	TB 14682	TB 14682	TB 14682	28 April 2011
4698	TB 14698	TB 14698	TB 14698	TB 14698	11 May 2011
4703	TB 14703	TB 14703	TB 14703	TB 14703	19 May 2011
4706	TB 14706	TB 14706	TB 14706	TB 14706	18 May 2011
4710	TB 14710	TB 14710	TB 14710	TB 14710	18 May 2011
4719	TB 14719	TB 14719	TB 14719	TB 14719	27 May 2011
4731	TB 14731	TB 14731	TB 14731	TB 14731	07 June 2011
4728	TB 14728	TB 14728	TB 14728	TB 14728	31 May 2011
4737	TB 14737	TB 14737	TB 14737	TB 14737	09 June 2011
4746	TB 14834	TB 14746	TB 14834	TB 14746	23 June 2011
4753	TB 14753	TB 14753	TB 14753	TB 14753	22 June 2011
4761	TB 14761	TB 14761	TB 14761	TB 14761	29 June 2011
4771	TB 14771	TB 14771	TB 14771	TB 14771	07 July 2011



MSN	Flap LH S/N	Flap RH S/N	Tab LH	Tab RH	Reference date
4779	TB 14779	TB 14779	TB 14779	TB 14779	08 July 2011
4783	TB 14788	TB 14788	TB 14788	TB 14788	18 July 2011
4788	TB 14783	TB 14783	TB 14783	TB 14783	03 August 2011
4792	TB 14792	TB 14792	TB 14792	TB 14792	27 July 2011
SPARE PART	#N/A	#N/A	TB 19023	TB 19023	10 November 2010
4811	TB 14811	TB 14811	TB 14811	TB 14811	17 August 2011
4819	TB 14863	TB 14819	TB 14863	TB 14819	23 August 2011
4824	TB 14824	TB 14824	TB 14824	TB 14824	30 August 2011
4826	TB 14826	TB 14826	TB 14826	TB 14826	30 August 2011
4830	TB 14830	TB 14830	TB 14830	TB 14830	30 August 2011
4834	TB 14746	TB 14834	TB 14746	TB 14834	09 September 2011
4838	TB 14838	TB 14838	TB 14838	TB 14838	14 October 2011
4843	TB 14843	TB 14843	TB 14843	TB 14843	23 September 2011
4847	TB 14940	TB 14940	TB 14940	TB 14940	22 September 2011
4850	TB 14850	TB 14850	TB 14850	TB 14850	29 September 2011
4856	TB 14856	TB 14856	TB 14856	TB 14856	29 September 2011
4863	TB 14881	TB 14863	TB 14881	TB 14863	03 November 2011
4873	TB 14873	TB 14873	TB 14873	TB 14873	18 October 2011
4881	TB 14819	TB 14881	TB 14819	TB 14881	21 November 2011
4885	TB 14885	TB 14885	TB 14885	TB 14885	24 October 2011
4893	TB 14893	TB 14893	TB 14893	TB 14893	28 October 2011
4898	TB 14898	TB 14898	TB 14898	TB 14898	28 October 2011
4901	TB 14901	TB 14901	TB 14901	TB 14901	23 November 2011
4916	TB 14916	TB 14916	TB 14916	TB 14916	16 November 2011
4923	TB 14923	TB 14923	TB 14923	TB 14923	16 November 2011
4925	TB 14925	TB 14925	TB 14925	TB 14925	14 November 2011
4932	TB 14932	TB 14932	TB 14932	TB 14932	28 November 2011
4935	TB 14935	TB 14935	TB 14935	TB 14935	02 December 2011
4940	TB 14949	TB 14949	TB 14949	TB 14949	07 December 2011
4945	TB 14945	TB 14945	TB 14945	TB 14945	02 December 2011
SPARE PART	#N/A	#N/A	TB 19024	TB 19026	10 November 2010
4949	TB 14957	TB 14957	TB 14957	TB 14957	06 December 2011
4957	TB 14960	TB 14960	TB 14960	TB 14960	12 December 2011
4960	TB 14962	TB 14962	TB 14962	TB 14962	15 December 2011
4962	TB 14966	TB 14966	TB 14966	TB 14966	23 December 2011
4966	TB 14971	TB 14971	TB 14971	TB 14971	30 December 2011
4971	TB 15009	TB 15009	TB 15009	TB 15009	29 December 2011
4976	TB 14976	TB 14976	TB 14976	TB 14976	27 December 2011
4994	TB 14994	TB 14994	TB 14994	TB 14994	17 January 2012
5009	TB 15025	TB 15025	TB 15025	TB 15025	10 February 2012
5025	TB 15035	TB 15035	TB 15035	TB 15035	16 March 2012
5028	TB 15028	TB 15028	TB 15028	TB 15028	08 February 2012
5035	TB 15038	TB 15038	TB 15038	TB 15038	14 February 2012
5038	TB 15044	TB 15044	TB 15044	TB 15044	17 February 2012



MSN	Flap LH S/N	Flap RH S/N	Tab LH	Tab RH	Reference date
5044	TB 14847	TB 14847	TB 14847	TB 14847	28 February 2012
5049	TB 15049	TB 15049	TB 15049	TB 15049	28 February 2012
5054	TB 15054	TB 15054	TB 15054	TB 15054	29 February 2012
SPARE PART	#N/A	#N/A	TB19025	-	10 November 2010
SPARE PART	#N/A	#N/A	TB19027	TB19027	10 November 2010
5059	TB 15059	TB 15059	TB 15059	TB 15059	05 March 2012
5065	TB 15065	TB 15065	TB 15065	TB 15065	13 March 2012
5074	TB 15074	TB 15074	TB 15074	TB 15074	29 March 2012
5077	TB 15077	TB 15077	TB 15077	TB 15077	21 March 2012
5083	TB 15083	TB 15083	TB 15083	TB 15083	21 March 2012
5087	TB 15087	TB 15087	TB 15087	TB 15087	30 March 2012
5099	TB 15099	TB 15099	TB 15099	TB 15099	16 April 2012
5118	TB 15118	TB 15124	TB 15118	TB 15124	26 April 2012
5124	TB 15124	TB 15118	TB 15124	TB 15118	27 April 2012
5126	TB 15126	TB 15126	TB 15126	TB 15126	26 April 2012
5133	TB 15133	TB 15133	TB 15133	TB 15133	02 May 2012
5154	TB 15154	TB 15154	TB 15154	TB 15154	15 May 2012
5160	TB 15192	TB 15192	TB 15192	TB 15192	29 May 2012
5164	TB 15164	TB 15164	TB 15164	TB 15164	12 June 2012
5169	TB 15169	TB 15169	TB 15169	TB 15169	25 May 2012
5173	TB 15180	TB 15180	TB 15180	TB 15180	30 June 2012
5177	TB 15160	TB 15235	TB 15160	TB 15235	15 June 2012
5180	TB 15177	TB 15177	TB 15177	TB 15177	03 July 2012
5186	TB 15186	TB 15186	TB 15186	TB 15186	25 June 2012
5192	TB 15205	TB 15205	TB 15205	TB 15205	20 June 2012
5199	TB 15199	TB 15199	TB 15199	TB 15199	22 June 2012
5197	TB 15227	TB 15173	TB 15227	TB 15173	27 June 2012
5205	TB 15210	TB 15210	TB 15210	TB 15210	28 June 2012
5210	TB 15233	TB 15233	TB 15233	TB 15233	28 June 2012
5227	TB 15197	TB 15227	TB 15197	TB 15227	22 August 2012
5233	TB 15237	TB 15237	TB 15237	TB 15237	02 August 2012
5235	TB 15241	TB 15241	TB 15241	TB 15241	27 July 2012
5237	TB 15247	TB 15247	TB 15247	TB 15247	30 July 2012
5241	TB 15251	TB 15251	TB 15251	TB 15251	23 August 2012
5247	TB 15257	TB 15257	TB 15257	TB 15257	23 August 2012
5244	TB 15244	TB 15244	TB 15244	TB 15244	03 August 2012
5251	TB 15235	TB 15160	TB 15235	TB 15160	22 August 2012
5254	TB 15254	TB 15254	TB 15254	TB 15254	08 August 2012
5257	TB 15265	TB 15265	TB 15265	TB 15265	06 September 2012
5265	TB 15271	TB 15271	TB 15271	TB 15271	23 August 2012
5271	TB 15275	TB 15275	TB 15275	TB 15275	06 September 2012
5269	TB 15269	TB 15269	TB 15269	TB 15269	28 August 2012
5275	TB 15282	TB 15282	TB 15282	TB 15282	05 September 2012
5279	TB 15279	TB 15279	TB 15279	TB 15279	08 November 2012



MSN	Flap LH S/N	Flap RH S/N	Tab LH	Tab RH	Reference date
5282	TB 15285	TB 15285	TB 15285	TB 15285	04 September 2012
5285	TB 15287	TB 15287	TB 15287	TB 15287	19 September 2012
5287	TB 15292	TB 15292	TB 15292	TB 15292	12 September 2012
5292	TB 15297	TB 15297	TB 15297	TB 15297	17 September 2012
5295	TB 15295	TB 15295	TB 15295	TB 15295	02 March 2015
5297	TB 15303	TB 15303	TB 15303	TB 15303	05 October 2012
5300	TB 15300	TB 15300	TB 15300	TB 15300	21 September 2012
5303	TB 15173	TB 15197	TB 15173	TB 15197	28 September 2012
5306	TB 15309	TB 15309	TB 15309	TB 15309	11 October 2012
5309	TB 15306	TB 15306	TB 15306	TB 15306	31 October 2012
5314	TB 15314	TB 15314	TB 15314	TB 15314	24 January 2013
5317	TB 15317	TB 15317	TB 15317	TB 15317	18 October 2012
5321	TB 15321	TB 15321	TB 15321	TB 15321	27 December 2012
5328	TB 15328	TB 15328	TB 15328	TB 15328	19 December 2012
5332	TB 15332	TB 15332	TB 15332	TB 15332	29 October 2012
5336	TB 15336	TB 15336	TB 15336	TB 15336	27 December 2012
5340	TB 15340	TB 15340	TB 15340	TB 15340	30 October 2012
5343	TB 15343	TB 15343	TB 15343	TB 15343	29 November 2012
5346	TB 15346	TB 15346	TB 15346	TB 15346	07 December 2012
5357	TB 15357	TB 15357	TB 15357	TB 15357	26 November 2012
5350	TB 15350	TB 15350	TB 15350	TB 15350	06 November 2012
5354	TB 15354	TB 15354	TB 15354	TB 15354	31 October 2012
5368	TB 15368	TB 15368	TB 15368	TB 15368	07 December 2012
5374	TB 15374	TB 15374	TB 15374	TB 15374	29 November 2012
5377	TB 15377	TB 15377	TB 15377	TB 15377	12 December 2012
5382	TB 15382	TB 15382	TB 15382	TB 15382	13 December 2012
5385	TB 15385	TB 15385	TB 15385	TB 15385	27 December 2012
5388	TB 15388	TB 15388	TB 15388	TB 15388	04 December 2012
5392	TB 15392	TB 15392	TB 15392	TB 15392	07 December 2012
5404	TB 15402	TB 15402	TB 15402	TB 15402	14 December 2012
5402	TB 15404	TB 15404	TB 15404	TB 15404	14 December 2012
5413	TB 15418	TB 15418	TB 15418	TB 15418	19 December 2012
5409	TB 15413	TB 15413	TB 15413	TB 15413	12 December 2012
SPARE PART	#N/A	#N/A	TB19028	TB19028	10 November 2010
5418	TB 15422	TB 15422	TB 15422	TB 15422	19 December 2012
5422	TB 15427	TB 15427	TB 15427	TB 15427	21 December 2012
5427	TB 15432	TB 15432	TB 15432	TB 15432	28 December 2012
5432	TB 15435	TB 15435	TB 15435	TB 15435	21 December 2012
5435	TB 15409	TB 15409	TB 15409	TB 15409	21 January 2013
5438	TB 15438	TB 15438	TB 15438	TB 15438	31 January 2013
5444	TB 15444	TB 15444	TB 15444	TB 15444	12 February 2013
5447	TB 15450	TB 15447	TB 15450	TB 15447	05 February 2013
5450	TB 15456	TB 15450	TB 15456	TB 15450	23 January 2013
5456	TB 15447	TB 15485	TB 15447	TB 15485	07 February 2013



MSN	Flap LH S/N	Flap RH S/N	Tab LH	Tab RH	Reference date
5459	TB 15462	TB 15462	TB 15462	TB 15462	05 February 2013
5462	TB 15534	TB 15456	TB 15534	TB 15456	06 February 2013
5465	TB 15470	TB 15465	TB 15470	TB 15465	12 February 2013
5470	TB 15475	TB 15470	TB 15475	TB 15470	26 September 2013
5469	TB 15469	TB 15469	TB 15469	TB 15469	20 March 2013
5475	TB 15481	TB 15475	TB 15481	TB 15475	19 February 2013
5481	TB 15459	TB 15490	TB 15459	TB 15490	26 February 2013
5485	TB 15490	TB 15481	TB 15490	TB 15481	22 February 2013
5490	TB 15485	TB 15459	TB 15485	TB 15459	06 March 2013
5495	TB 15495	TB 15495	TB 15495	TB 15495	25 March 2013
5500	TB 15500	TB 15500	TB 15500	TB 15500	14 March 2013
5509	TB 15504	TB 15509	TB 15504	TB 15509	18 March 2013
5504	TB 15509	TB 15504	TB 15509	TB 15504	25 March 2013
5513	TB 15513	TB 15513	TB 15513	TB 15513	25 March 2013
5519	TB 15519	TB 15519	TB 15519	TB 15519	15 April 2013
5523	TB 15523	TB 15523	TB 15523	TB 15523	27 March 2013
5528	TB 15528	TB 15528	TB 15528	TB 15528	27 March 2013
5534	TB 15549	TB 15534	TB 15549	TB 15534	02 April 2013
5538	TB 15543	TB 15543	TB 15543	TB 15543	09 April 2013
5543	TB 15546	TB 15546	TB 15546	TB 15546	16 April 2013
5546	TB 15465	TB 15549	TB 15465	TB 15549	17 April 2013
5549	TB 15555	TB 15555	TB 15555	TB 15555	18 April 2013
5555	TB 15558	TB 15558	TB 15558	TB 15558	17 April 2013
5558	TB 15573	TB 15538	TB 15573	TB 15538	22 April 2013
5567	TB 15567	TB 15573	TB 15567	TB 15573	25 April 2013
5573	TB 15575	TB 15575	TB 15575	TB 15575	26 April 2013
5575	TB 15582	TB 15582	TB 15582	TB 15582	26 April 2013
5582	TB 15584	TB 15584	TB 15584	TB 15584	07 May 2013
5584	TB 15588	TB 15588	TB 15588	TB 15588	07 May 2013
5588	TB 15594	TB 15594	TB 15594	TB 15594	17 May 2013
5594	TB 15603	TB 15603	TB 15603	TB 15603	15 March 2013
5603	TB 15606	TB 15606	TB 15606	TB 15606	30 March 2013
5606	TB 15538	TB 15567	TB 15538	TB 15567	23 March 2013
5633	TB 15633	TB 15633	TB 15633	TB 15633	01 July 2013
5636	TB 15636	TB 15644	TB 15636	TB 15644	03 June 2013
5644	TB 15644	TB 15636	TB 15644	TB 15636	13 June 2013
5647	TB 15647	TB 15647	TB 15647	TB 15647	19 June 2013
5655	TB 15655	TB 15655	TB 15655	TB 15655	21 June 2013
5659	TB 15659	TB 15659	TB 15659	TB 15659	20 June 2013
5663	TB 15663	TB 15663	TB 15663	TB 15663	18 June 2013
SPARE PART	#N/A	#N/A	TB19034	TB19034	10 November 2010

