


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2015-0004
	Date: 13 January 2015 <p>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.</p>
<p>This AD is issued in accordance with EU 748/2012, Part 21.A.3B. In accordance with 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 [EU 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A319, A320 and A321 aeroplanes
TCDS Number: EASA.A.064	
Foreign AD: Not applicable	
Supersedure: None	
ATA 71	Power Plant – Forward Engine Mount Pin – Identification / Replacement
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	A319-131, A319-132, A319-133, A320-232, A320-233, A321-131, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers (MSN).
Reason:	<p>A number of forward engine mount pins, Part Number (P/N) 740-2022-501, intended for IAE V2500 series engines, have been reported as non-compliant with the current certification requirements, due to a quality issue during manufacturing of the raw material. It was also determined that a batch of 88 affected pins are installed on in-service aeroplanes fitted with forward engine mount P/N 745-2010-503 and the serial numbers (s/n) of the affected pins and the MSN of the related aeroplanes have been identified.</p> <p>This condition, if not corrected, could lead to forward engine mount pin failure, possibly resulting in in-flight loss of an engine and consequent reduced control of the aeroplane.</p> <p>For the reasons described above, this AD requires identification of the affected forward engine mount pins and removal from service of those pins.</p>
Effective Date:	27 January 2015

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 24 months, or at the next engine removal, or within 7 500 flight hours or 5 000 flight cycles, whichever occurs first after the effective date of this AD, accomplish the actions specified in paragraphs (1.1) and (1.2) of this AD in accordance with the instructions of Airbus Service Bulletin (SB) A320-71-1064, or in accordance with the instructions of Goodrich Aerostructures SB V2500-NAC-71-0323. <ol style="list-style-type: none"> (1.1) Inspect each P/N 745-2010-503 forward engine mount to identify the s/n of the P/N 740-2022-501 attachment pins. If any P/N and/or s/n cannot be identified, contact Airbus for identification advice. (1.2) Replace each forward engine mount pin P/N 740-2022-501 having a s/n as listed in Appendix 1 of this AD with a serviceable part. <p>A review of aeroplane maintenance records is acceptable to make the identification, in lieu of the inspection as required by paragraph (1.1) of this AD, provided those records can be relied upon for the purpose of this requirement.</p> (2) An aeroplane not listed by MSN in Appendix 1 of this AD is not affected by the requirements of paragraph (1) of this AD, unless an engine has been replaced on that aeroplane since 01 March 2011 (date of manufacture of the first aeroplane with affected engine mounts). (3) For an aeroplane listed by MSN in Appendix 1 of this AD and on which a corresponding forward engine mount P/N 745-2010-503, as identified by s/n in Appendix 1 of this AD, has been removed since delivery, within the compliance time of paragraph (1) of this AD, determine the current location of the removed forward engine mount and associated attachment pin, which can be done by checking of the maintenance records, and perform the actions as specified in paragraphs (1.1) and (1.2) of this AD. (4) From the effective date of this AD, it is allowed to install on any aeroplane a forward engine mount, provided it is verified that the forward engine mount does not have an engine mount pin P/N 740-2022-501 installed having a s/n as listed in Appendix 1 of this AD.
<p>Ref. Publications:</p>	<p>Airbus SB A320-71-1064 original issue dated 05 November 2014.</p> <p>Goodrich Aerostructures SB V2500-NAC-71-0323 original issue dated 18 September 2014.</p> <p>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 04 December 2014 as PAD 14-170 for consultation until 01 January 2015. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification 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 – EIAS; Fax +33 5 61 93 44 51; E-mail: account.airworth-eas@airbus.com.

Appendix 1 – Affected Forward Engine Mounts and Attachment Pins

MSN	Serial number	
	Attach Pin (P/N 740-2022-501)	FWD Engine Mount (P/N 745-2010-503)
4593	1396SC	13665001
4602	1391SC	13655001
	1412SC	13689001
4620	1402SC	13669001
	1409SC	13683001
4637	1416SC	13697001
	1418SC	13701001
4638	1417SC	13699001
4642	1414SC	13693001
4643	1415SC	13695001
	1420SC	13705001
4644	1421SC	13707001
	1422SC	13709001
4660	1436SC	13737001
	1438SC	13741001
4677	1452SC	13769001
	1456SC	13777001
4690	1397SC	13667001
	1432SC	13729001
4696	1405SC	13675001
	1411SC	13687001
4700	1389SC	13651001
	1392SC	13657001
4701	1382SC	13637001
	1384SC	13641001
4703	1407SC	13679001
	1408SC	13681001
4706	1395SC	13663001
	1406SC	13677001
4707	1383SC	13639001
	1404SC	13673001
4710	1393SC	13659001
	1413SC	13691001
4716	1386SC	13645001
	1388SC	13649001
4719	1390SC	13653001
	1410SC	13685001
4725	1423SC	13711001
	1424SC	13713001
4726	1403SC	13671001
	1419SC	13703001
4731	1385SC	13643001
	1387SC	13647001
4736	1431SC	13727001
	1433SC	13731001

MSN	Serial number	
	Attach Pin (P/N 740-2022-501)	FWD Engine Mount (P/N 745-2010-503)
4737	1425SC	13715001
	1428SC	13721001
4741	1429SC	13723001
	1430SC	13725001
4746	1427SC	13719001
	1434SC	13733001
4751	1442SC	13749001
4752	1394SC	13661001
	1441SC	13747001
4753	1426SC	13717001
4754	1437SC	13739001
4755	1439SC	13743001
	1443SC	13751001
4757	1448SC	13761001
4761	1435SC	13735001
	1440SC	13745001
4762	1454SC	13773001
	1455SC	13775001
4772	1451SC	13767001
	1453SC	13771001
4773	1444SC	13753001
	1450SC	13765001
4774	1461SC	13787001
	1469SC	13817001
4775	1480SC	13839001
	1481SC	13841001
4779	1446SC	13757001
	1449SC	13763001
4782	1467SC	13813001
4783	1445SC	13755001
	1462SC	13789001
4784	1464SC	13793001
	1466SC	13811001
4786	1470SC	13819001
	1459SC	13783001
4788	1463SC	13791001
	1475SC	13829001
4790	1458SC	13781001
4791	1477SC	13833001
4798	1474SC	13827001
4804	1478SC	13835001
	1479SC	13837001
4813	1472SC	13823001