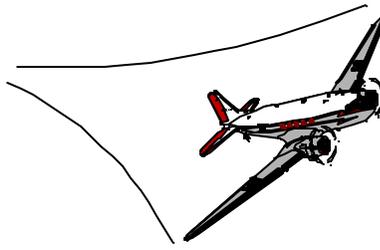


SPECIAL AIRWORTHINESS INFORMATION BULLETIN



U.S. Department
of Transportation

**Federal Aviation
Administration**

No. NE-02-18
March 13, 2002

Aircraft Certification Service
Washington, DC

We post SAIBs on the internet at "av-info.faa.gov"

This is information only. Recommendations are not mandatory.

INTRODUCTION

This Special Airworthiness Information Bulletin (SAIB) alerts Flight Standards District Offices (FSDOs), the aviation community, including end-users, owners and operators of Air Cruisers Company (ACC) Evacuation Slide or Slide/Raft Systems, of the necessity of incorporating the (ACC) Service Bulletins as outlined in TABLE 1. These Evacuation Slide or Slide/Raft Systems are installed on, but not limited to:

Manufacturer	Model
The Boeing Company	727 and 737
Lockheed Martin Corporation	L1011
McDonnell Douglas Corporation	DC-8 and DC-10

BACKGROUND

The DOT-3HT-3000 pneumatic cylinders used in the ACC Evacuation Systems as listed in TABLE 1 no longer meet the DOT-3HT Specification requirements (49CFR 178.44) because they were charged in excess of the marked service pressure. This compromised the original approved life of the cylinders. On January 11, 2002, the DOT issued exemption DOT-E 12772, Third Revision, expiration date December 31, 2003, requiring that replacement of the over-pressurized cylinders be completed prior to April 30, 2005.

RECOMMENDATIONS

The FAA, in conjunction with the Research and Special Programs Administration (RSPA), recommends that the non-compliant **DOT-3HT-3000** pneumatic cylinders be replaced with **DOT-3HT-3300** pneumatic cylinders. The new cylinders are qualified for a higher service pressure and meet all the DOT requirements. By issuing this SAIB, the FAA Engine and Propeller Directorate is alerting the aviation community of the importance of incorporating ACC Service Bulletins.

The FAA highly recommends that end-users and operators of the affected aircraft **accomplish the replacement of pneumatic cylinders** as outlined in the ACC Service Bulletins as soon as possible. For exact model and serial number effectivity, please refer to the service bulletins.

FOR FURTHER INFORMATION CONTACT

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You can obtain copies of the Service Bulletins from Air Cruisers Company at P.O. Box 180, Highway 34 South & Allaire Airport, Belmar, New Jersey 07719-0180, USA.

TABLE 1 - Air Cruisers Company Service Bulletins with Aircraft Applicability

Air Cruisers Service Bulletin Number	Aircraft Applicability	Air Cruisers Evacuation System Part Number	Cylinder Part Numbers	Certification Approval
103-25-34	727/737	D29835-103, -105, -107, -109, -201, -203, -205, -207, -209, -211, -213, -215, -217, -219, -221, -223, -225, -227, -229, -231	16D17194-25	TSO-C69
502-25-06	L1011	D29401 (-)	16D17194-13	TSO-C69
502-25-06	L1011	D29400 (-)	16D17194-16	TSO-C69
502-25-06	L1011	D29740 (-)	16D17194-17	TSO-C69
502-25-06	L1011	D29613 (-)	16D17194-16	TSO-C69
502-25-07	L1011	D30145 (-)	16D17194-17	PMA by identity based upon PMA assist letter from applicable TC holder.
502-25-07	L1011	D30146 (-)	16D17194-13	PMA by identity based upon PMA assist letter from applicable TC holder.
502-25-07	L1011	D30170 (-)	16D17194-17	PMA by identity based upon PMA assist letter from applicable TC holder.
502-25-07	L1011	D30311 (-)	16D17194-23	PMA by identity based upon PMA assist letter from applicable TC holder.
303-25-02	DC-8	22D29172 -5	16D17194-13	TSO-C69
301-25-08	DC-10	D30051-13, -23, -33, -43, -53, 63, -73, -83, -93, -103	16D17194-18	PMA by identity based upon PMA assist letter from applicable TC holder.
301-25-08	DC-10	D30052-11, -31, -51, -71, -91	16D17194-17	PMA by identity based upon PMA assist letter from applicable TC holder.
301-25-08	DC-10	D30053-11, -31, -51, -71, -91, -111, -113	16D17194-16	PMA by identity based upon PMA assist letter from applicable TC holder.
303-25-01	DC-8	22D22860-1, -2, -3	16D17194-9	TSO-C69
301-25-07	DC-10	24D29217-1, -3	16D17194-10	TSO-C69
301-25-07	DC-10	24D29218-1, -3	16D17194-16	TSO-C69
301-25-07	DC-10	24D29221-1, -3	16D17194-17	TSO-C69
301-25-07	DC-10	24D29220-1, -3, -5	16D17194-18	TSO-C69
103-25-33	737	22D22901-1, -2, -3, -4, -5, -6, -7, -8, -9, -10, -11, -12, -13, -14, -15, -16, -17, -18, -19, -20, -21, -22, -23, -24, -25, -26, -27, -28, -29, -30, -103, -107, -109, -113, -115, -119, -121, -125, -129, -133, -137, -139, -141, -143, -145, -147, -149, -151, -153, -155, -157, -159	16D17194-9, 16D17194-25	TSO-C69a