



**Commercial
Aviation
Services**

SERVICE LETTER

SERVICE ENGINEERING • BOEING COMMERCIAL AIRPLANES • P.O. BOX 3707 • SEATTLE • WASHINGTON 98124-2207

737-SL-21-055

757-SL-21-054

ATA: 2125-20

2 January 2003

SUBJECT: NEW RECIRCULATION AIR FILTER

MODEL: 737 and 757 Series

APPLICABILITY: All 737-300 through -900 and 757 Airplanes

REFERENCES:

- a) 737 Classic Illustrated Parts Catalog 21-21-23-02
- b) 737 NG Illustrated Parts Catalog 21-25-01-01
- c) 757 Illustrated Parts Catalog 21-25-01-10
- d) Boeing Service Letter 737-SL-21-043 dated 29 October 1997
- e) Boeing Service Bulletin 737-21-1122 dated 10 April 1997
- f) Boeing Service Bulletin 757-21-0078 dated 18 November 1999

SUMMARY:

This service letter advises operators of a new High Efficiency Particulate Air Filter for the cabin air recirculation system. The system is shown in the reference (a), (b) and (c) documents.

BACKGROUND:

Boeing generated PRR 35364 to develop a new cabin air recirculation filter for installation on all 737-300 through -900, and 757 model airplanes. The new filter, Boeing P/N S161N300-1, Donaldson P/N P199753 is considered interchangeable with the single piece and two-piece filter configurations installed on 737 and 757 model airplanes. The reference (d) Service Letter provides further information regarding the filter configurations for 737 model airplanes. For 757 models airplanes, the P/N S161N300-1 is fully interchangeable with the Boeing P/N S210N701-20 and -21 two-piece filter configuration.

BOEING ACTION:

The new filter, Boeing P/N S161N300-1 has a minimum filter efficiency of 99.97 percent as measured by MIL STD-282 DOP filter efficiency rating. Boeing began installing the P/N S161N300-1 filter at 757 line position 1004 which delivered in March 2002 and 737 line position 1087 which delivered in March 2002. The P/N S161N300-1 filter has a 1C replacement interval and is identified in the 757 maintenance planning data document (MPD) item 21-25-02-4B, 737 Classic MPD as task B21-21-23-4E and 5000 hour replacement interval for 737NG as identified in MPD task 21-010-00. Please note that the identified MPD tasks already exist for the single piece filter replacement interval.

SUGGESTED OPERATOR ACTION:

Boeing suggests that operators consider installing the new P/N S161N300-1 filter on an attrition basis.

WARRANTY INFORMATION:

Boeing warranty remedies are not available for the change identified in this service letter.

INTERCHANGEABILITY:

The P/N S161N300-1 filter is directly interchangeable with the P/N S210N701-46 single piece filter and the P/N S210N701-21/-20 filter and pre-filter. If operators have the P/N S210N701-22 charcoal filter option, incorporation of the reference (e) or (f) service bulletin may be required.

PARTS AVAILABILITY:

Parts are currently available from the vendor identified below.

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SUPPLIER:

The following supplier has been approved to provide the Boeing P/N S161N300-1 filter:

Donaldson Company Inc.

P/N P199753

Attn: John Prock

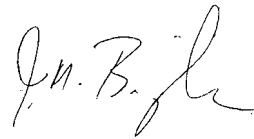
1400 W. 94th Street

Minneapolis, MN 55431, USA

Phone: (952) 887-3726

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Email: jprock@mail.donaldson.com



J.M. (Mike) Bigler

737 Classic Fleet Support Chief

TDF:pmm

Original:

Dated: