

Piper PA-32 (Cherokee Six) Series Aeroplanes

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**AIRWORTHINESS DIRECTIVE**

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For the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/PA-32/82 and issues the following AD under subregulation 39.1 (1) of CAR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

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**AD/PA-32/82  
Amdt 1**

**Engine Air Filter**

**8/2000**

**Applicability** Model PA-32-260, PA-32-300, PA-32S-300, PA-32-301, PA-32R-300, PA-32RT-300, PA-32R-301 and PA-32R-301, all serial numbers, equipped with Puralator (FACET) air filter P/No 638873, Model CA161PL or Piper P/No 460-632 (PS60007-2).

*Note 1: Filters of concern can be identified by accessing the filter and locating the brand name and part number. Filters of concern are branded "FACET 638873" in 0.250"(1/4") high white characters with no date code.*

**Requirement:** 1. Inspect applicable air filters in accordance with Piper Service Bulletin No 1022 and/or Puralator Service Bulletin No SB090298.01.

2: Replace applicable air filters with an approved air filter.

Replacing the air filter with an approved filter other than a Puralator (FACET) P/N 638873 filter constitutes a terminating action for the requirements of this Directive.

*Note 2: FAA AD's 99-05-09 and 99-26-05 also refer.*

**Compliance:** 1. Unless previously accomplished; at next inspection of the engine air inlet filter element or within 25 hours time in service from the effective date of this directive, whichever occurs first. Thereafter, re inspect at intervals not to exceed 25 hours time in service.

2. Installed filters: At next periodic inspection or within 12 months time in service from the effect date of this Directive, whichever occurs first.

2. Spare filters: Prior to installation in a engine.

This Amendment becomes effective on 10 August 2000.

Background: This Directive has been issued to address reports of cracking and break up of certain air filter elements. The defects resulted from evidence of manufacturing errors in filters produced during the period January 1997 though September 1998.

This amendment adds the PA-32S-300 model and, adds a terminating action.

The original issue of this Directive became effective on 9 September 1999.



Eugene Paul Holzapfel  
Delegate of the Civil Aviation Safety Authority

30 June 2000