



No.	CF-2002-01	1/2
Issue Date	7 January 2002	

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to **Canadian Aviation Regulation (CAR) 593**. Pursuant to **CAR 605.84** and the further details of **CAR Standard 625, Appendix H**, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with **CAR 605.84** and the above-referenced **Standard**.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

Number: CF-2002-01

Subject: LAVIA PA-25 (formerly Piper) - Facet/Purolator Induction Air Filters

Effective: 11 February 2002

Applicability: Canadian registered New Piper Aircraft Inc. Models PA-25, PA-25-235 and PA-25-260 aircraft, all serial numbers, that are equipped with Facet/Purolator air filters Part Number (P/N) 638873, Model CA161PL, or Piper P/N 460-632 (PS60007-2).

Compliance: When indicated unless already accomplished.

Background: There have been reports of cracking, splitting, crumbling, and deterioration (hereafter referred to as damage) of Facet/Purolator induction air filters manufactured between January 1997 through September 1998. The actions specified in this directive are intended to prevent pieces of damaged induction air filter from being ingested into the engine, which could result in reduced or loss of engine power. The Federal Aviation Administration (FAA) has issued Airworthiness Directive 99-26-05 to address this safety issue for certain PA-25, PA-28 and PA-32 model aircraft. However, because the Type Certificate for the PA-25 model was transferred from The New Piper Aircraft Inc. to Latino American De Aviacion (Lavia) in the Republic of Argentina on 15 April 1998, the FAA directive 99-26-05, which was issued after this transfer date, is not automatically accepted in Canada for the PA-25 model aircraft. Direccion Nacional de Aeronavegabilidad (DNA), Republic of Argentina, which is now the aviation authority with jurisdiction over the type design for these models, has not yet issued an equivalent directive. Transport Canada is, therefore, issuing this Canadian Airworthiness Directive for the models identified in the applicability section above, to ensure the continued airworthiness of these affected airplanes.

Corrective Actions: To prevent pieces of a damaged induction air filter from being ingested into the engine, which could result in reduced or loss of engine power, accomplish the following:

1. Within the next 25 hours time-in-service (TIS) after the effective date of this AD, replace, with an FAA-approved induction air filter, any Purolator/Facet induction air filter, Purolator Part Number P/N 638873, Model No. CA161PL, Piper P/N 460-632-(PS60007-2), that incorporates the criteria presented in both paragraphs 1(a) and 1(b) of this AD. Accomplish this replacement in accordance with the applicable maintenance manual;
 - (a) Was manufactured anytime from January 1997 through September 1998; and
 - (b) Is identified with a .250 (1/4)-inch high (white) ink stamp "FACET - 638873", and may include "FAA-PMA".

NOTE 1: This AD allows the aircraft owner or pilot to check the maintenance records to determine whether any Purolator/Facet induction air filter, Purolator

Pursuant to **CAR 202.51** the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address. To request a change of address, contact the Civil Aviation Communications Centre (AARA) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/aviation/pubs/index.htm>.

24-0022 (01-2001)

P/N 638873, Model No. CA161PL, Piper P/N 460-632 (PS60007-2), has been installed between 1 January 1997, and 13 January 2000 (the effective date of FAA AD 99-26-05). See paragraph (c) of FAA AD 99-26-05 and paragraph 3 of this AD for authorization.

NOTE 2: Piper Service Bulletin No. 1022, dated 22 September 1998, and Purolator Service Bulletin No. SB090298.01, dated 16 September 1998, provide information relating to the subject of this AD, including procedures on how to identify the affected induction air filters.

2. As of the effective date of this AD, no person shall install on any affected airplane, any Purolator/Facet induction air filter, Purolator P/N 638873, Model No. CA161PL, Piper P/N 460-632 (PS60007-2), that incorporates the criteria presented in both paragraphs 1(a) and 1(b) of this AD.
3. The person holding at least a private pilot's certificate as authorized by CAR 571.03 for performance and recording of elementary work, may check the maintenance records to determine whether any Purolator/Facet induction air filter, Purolator P/N 638873, Model No. CA161PL, Piper P/N 460-632 (PS60007-2), has been installed between 1 January 1997 and 13 January 2000 (the effective date of FAA AD 99-26-05). If one of these induction air filters is not installed, the person performing the elementary work must make an entry into the aircraft records that the AD does not apply.

Authorization: For Minister of Transport



B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Bill Miller, Continuing Airworthiness, Ottawa, telephone (613) 952-4388, facsimile (613) 996-9178 or e-mail millerw@tc.gc.ca or any Transport Canada Centre.