

Air Induction Systems

AD/AIRIND/2 **Brackett Air Filter Gasket** **8/99**
Amdt 2

Applicability: Aircraft fitted with one of the following Brackett Aircraft Company air filter assemblies fitted as original equipment or in accordance with Supplemental Type Certificate (STC) SA71GL or STC SA693CE:

BA-2010	BA-5110A	BA-4106	BA-6110	BA-4106-1
BA-8910	BA-4210	AAF-117	BA-5110	AAF-118

Requirement: To prevent particles from a defective gasket entering the carburettor which may result in partial or complete loss of engine power:

1. a. Visually inspect the air filter frame internally and externally for evidence of gasket looseness, movement or deterioration in accordance with Brackett Air Filter Document 1-194, and
1. b. Replace any air filter assembly found to have a defective gasket with an air filter assembly as detailed in Requirement 2 of this directive.
2. Replace the air filter assembly, as applicable, with one of the following air filter assemblies which incorporate a retainer lip:

ORIGINAL AIR FILTER	REPLACEMENT	BRACKETT INSTRUCTION SHEET
BA-2010	BA-2010 Rev. A	BA-2004
BA-4106	BA-4106 Rev. D	BA-4105
BA-4106-1	BA-4106-1 Rev. A	RM-1
BA-4210	BA-4210 Rev. B	BA-4205
BA-5110	BA-5110 Rev. H	BA-5105
BA-5110A	BA-5110 Rev. D	BA-5111
BA-6110	BA-6110 Rev. C	BA-6105
BA-8910	BA-8910 Rev. B	BA-8910-3
AAF-117	BA-4106 Rev. D	BA-4105
AAF-118	BA-5110 Rev. H	BA-5105

Compliance with Requirement 2 constitutes terminating action for the repetitive inspection requirement of this directive.

SCHEDULE OF AIRWORTHINESS DIRECTIVES

Note 1: A copy of Brackett Air Filter Document I-194 may be obtained from the local Airworthiness District Office.

Note 2: FAA Airworthiness Directive 96-09-06 refers.

- Compliance:
1. a. Unless previously accomplished, within 100 hours time in service, and thereafter at intervals not to exceed 130 hours time in service effective 12 September 1996.
 1. b. Before further flight.
 2. Within 500 hours time in service effective 12 September 1996.

This Amendment becomes effective on 12 August 1999.

Background: This directive was issued in May 1995 to require an inspection of certain Brackett air inlet filters for evidence of a defective gasket. The requirement addressed a report of an accident resulting from failure of an air inlet filter gasket. This amendment introduces a minor editorial change to clarify the terminating action.

Amendment 1 to this Airworthiness Directive became effective on 12 September 1996.

The original issue of this Airworthiness Directive became effective on 25 May 1995.