

Air Induction Systems

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**AD/AIRIND/1**

**Brackett Aircraft Specialities Air Inlet  
Filter Assembly Inspection**

**2/79**

Applicability: Brackett Aircraft Specialities engine air inlet filter assemblies model Nos. BA-4106, BA-4210, BA-5110, BA-6110 and BA-8110.

Requirement: With foam element removed from the air filter assembly, inspect the aluminium diamond mesh retainer for cracks or failed areas.

*If cracks or failed areas are found replace retainer before further flight with a steel screen, P/N. as listed below, or refit the aircraft manufacturer's original air filter assembly.*

For Filter Assembly P/N	Use Steel Screen P/N
BA-4106, BA-4210	BA-4109
BA-5110, BA-6110	BA-5101
BA-8110	BA-8109

*Note: The air inlet filter assemblies are fitted to, but not necessarily limited to, the following aircraft:*

Filter Model	Aircraft
1. BA-4106	Cessna 150, 150A to M, A150L and A150M. Piper PA-20, PA-20-115 and PA-20-135.
2. BA-4210	Grumman American AA-1, AA-1A, AA-1B and AA-5.
3. BA-5110	Cessna 170, 170A, 170B, 172 and 172A to M.
4. BA-6110	Mooney M20, M20A, M20B, M20C, M20D and M20G.
5. BA-8110	Cessna 180C to K, 182Bto Q, 185, 185A to E and A185F.

Compliance: Within 100 hours time in service after 31 March 1979 and thereafter at intervals not exceeding 100 hours time in service until the aluminium diamond mesh retainer is replaced with a steel screen, P/N. as applicable, or the aircraft manufacturer's original air filter assembly is refitted.