Air filter assembly	Airplanes installed on	
AAF-117	Cessna Models 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150M, 152, and A152; American Champion Models Bellanca (Champion) (Aeronca) 7ACA, 7ECA, and 7FC; Aviat, Inc. Models A–1; Luscombe Models 8, 8A, 8B, 8C, 8D, 8E, 8F, and T–8F; Piper Models PA–22, PA–22–135, PA–22–150, PA–22–160, PA–22–108, PA–20–115, PA–20–135, PA–38–112, J–3, J3C–65, J3C–65S, PA–11, PA–11S, J4A, J4A–S, J4E, J5A, J5A–80, PA–12, PA–12S, PA–16, PA–17, PA–18, PA–18A, PA–185, PA–18–"125" (Army L–21A), PA–18AS–"125", PA–185–"125", PA–185–"135", PA–18–"135", PA–18–"150", PA–18–"150" (SN 18–1 through 18–6963), PA–185–"150", PA–19, PA–18A (Restricted), PA–18A–"135" (Restricted), and PA–18A-"150" (Restricted) (SN 18–1 through 18–18–6963); Taylorcraft Models BC65, BC12–65,	
AAF-118	F22A, F22B, and F22C; Univair Models (Alon) A-2, A2-A, (Forney) F-1, F-1A, and (Mooney) M10; Swift Museum Models (Globe) GC1A and GC-1B; Augustair Model Varga (Morrisey) 2150A; Aeronca Model 65–CA; American Champion 7ECA (with Cont. O–200–A engine) and 7ACA; Reims Aviation (Cessna) F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, F152, AND FA152; Socata-Groupe Aerospatiale Models Rallye Series MS880B, MS885, and 100S, F22B, and F22C; Univair Model Varga (Morrisey) 2150A; Aeronca Model 65–CA; American Champion 7ECA (with Cont. O–200–A engine) and 7ACA; Reims Aviation (Cessna) F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, F152, AND FA152; Socata-Groupe Aerospatiale Models Rallye Series MS880B, MS885, and 100S, F22B, and G2–1B; Augustair Model Varga (Morrisey) 2150A; Aeronca Model 65–CA; American Champion 7ECA (with Cont. O–200–A engine) and 7ACA; Reims Aviation (Cessna) F150G, F150H, F150J, F150L, F150M, FA150K, FA150L, F152, AND FA152; Socata-Groupe Aerospatiale Models Rallye Series MS880B, MS885, and 100S. Cessna Models 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, and 172M; Mooney Mite Model M–18C; Reims Aviation Models (Cessna) F172D, F172E, F172F, F172G, F172H, F172K, F172L, and F172M; Socata-Groupe Aerospatiale Models TB9, TB10, Rallye Series MS892A–150, MS892E–150, 2180.	

Note 2: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (f) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required within the next 100 hours time-in-service (TIS) after the effective date of this AD, or within the next 100 hours (TIS) after the last inspection accomplished in accordance with AD 95–03–02, whichever occurs first, and thereafter as indicated in the body of this AD, unless already accomplished in accordance with paragraph

(c) of this AD. To prevent gasket particles from entering the carburetor because of air filter gasket failure, which could result in partial or complete loss of engine power, accomplish the following: (a) Inspect (visually) the inside and outside of the air filter frame for gasket looseness, movement, or deterioration in accordance with Brackett Document I–194, dated March 16, 1994. Continue this repetitive inspection at intervals not to exceed 100 hours TIS, until accomplishment of the terminating action required in paragraph (c) of this AD.

(b) If the gasket is found to be damaged, prior to further flight, replace the air filter assembly with one having a retaining lip in accordance with the Brackett INSTALLATION INSTRUCTION SHEET corresponding to the new air filter assembly part number that is applicable to the owner/ operator's particular model of airplane:

Air filter assembly	Replace with assembly	Instruction sheet
BA-2010 BA-4106 BA-4106-1 BA-4210 BA-5110 BA-5110 BA-6110 BA-8910 AAF-117 AAF-118	BA-2010 Revision A BA-4106 Revision D BA-4106-1 Revision A BA-4210 Revision B BA-5110 Revision H BA-5110 Revision D BA-6110 Revision C BA-8910 Revision B BA-4106 Revision C BA-5110 Revision B BA-5110 Revision C BA-5110 Revision B BA-5110 Revision B BA-5110 Revision D	BA-2004, dated 6/6/95. BA-4105, dated 6/15/95. RM-1, dated 7/6/95. BA-4205, dated 6/14/95. BA-5105, dated 5/8/95. BA-5111, dated 5/8/95. BA-6105, dated 6/5/95. BA-8910-3, dated 6/6/95. BA-4105, dated 6/15/95. BA-5105, dated 5/8/95.

(c) Within the next 500 hours TIS after the effective date of this AD, replace the air filter assembly as a terminating action to this AD in accordance with the Brackett INSTALLATION INSTRUCTION SHEET corresponding to the new air filter assembly part number that is applicable to the owner/ operator's particular model of airplane as specified in paragraph (b) of this AD.

(d) The replacement in paragraphs (b) and (c) are considered terminating action for the repetitive inspection required by this AD.

(e) Special flight permits may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the airplane to a location where the requirements of this AD can be accomplished.

(f) An alternative method of compliance or adjustment of the repetitive compliance times that provides an equivalent level of safety may be approved by the Manager, Los Angeles Aircraft Certification Office, FAA, 3960 Paramount Boulevard, Lakewood, California 90712. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles Aircraft Certification Office.

Note 3: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Los Angeles Aircraft Certification Office. (g) All persons affected by this directive may obtain copies of the documents referred to herein upon request to Brackett Aircraft Company, Inc., 7045 Flightline Drive, Kingman, Arizona 86401; or may examine these documents at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri 64106.

(h) This amendment supersedes AD 95–03–02, Amendment 39–9139.