
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Kontroll av "neoprene" tätning för luftfilter / byte av luftfilter

GÄLLER: Luftfilter Brackett Aircraft Company Inc. med STC SA71GL installerade men ej begränsade till luftfartyg angivna i bifogad kopia av FAA AD 96-09-06

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av FAA AD 96-09-06 och Brackett Air Filter Document I-194 daterad 16 mars 1994.

TID FÖR ÅTGÄRD: Inom 100 flygtimmar och därefter i intervaller av 100 flygtimmar räknat från detta LVD's utgivningsdatum. Slutlig åtgärd byte av luftfilter inom 500 flygtimmar enligt paragraf (b) i FAA AD 96-09-06.

UNDERLAG: FAA AD 96-09-06.
Brackett Air Filter Document I-194 daterad 16 mars 1994 eller senare utgåva.

REFERENS: FAA AD 96-09-06.

UTGIVNINGS-DATUM: 1996-06-06

LFS: 1996:39

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarende flygmateriels luftvärdighet. Referens BCL M 1.11. Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

96-09-06

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Preliminary Copy From Federal Register

BRACKETT AIRCRAFT COMPANY

Docket No. 95-CE-61-AD

Supersedes AD 95-03-02, Amendment 39-9139.

Applicability: Air filter assemblies presented in the following chart that utilize a neoprene gasket installed on, but not limited to the following airplanes, certificated in any category:

NOTE 1: These air filters could be installed as original equipment or in accordance with Supplemental Type Certificate (STC) SA71GL or STC SA693CE.

Air filter assembly
BA-2010
BA-4106

Airplanes installed on
Beechcraft Model 77 Airplanes.
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-18S, PA-18-"125" (Army L-21A), PA-18AS-"125", PA-18S-"125", PA-18AS-"135", PA-18S-"135", PA-18-"135", PA-18-"150", PA-18A-"150" (SN 18-1 through 18-6963), PA-18S-"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, BCS-65, BC12-65, BCS12-65, BC12-D, BCS12-D1, BC12D85, BCS12D85, BC12D-4-85, BCS12D-4-85, 19, F19, F21, DC-65, DCO-65, F22, F22A, F22B, and F22C; Univair Models (Alon) A-2, A2-A, (Forney) F-1, F-1A, and (Mooney) M10; Swift Museum Models (Globe) GC-1A and GC-1B; Augustair Model Varga (Morrissey) 2150A; Aeronca Model 65-CA; American Champion 7ECA (with Cont. O-200-A engine) and 7ACA; Reims Aviation (Cessna) F150G, Airplanes installed on F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, F152, AND FA152; Socata-Groupe Aerospatiale Models Rallye

Air filter assembly

BA-4106-1
BA-4210
BA-5110

Series MS880B, MS885, and 100S.
Aviat, Inc. Model (Christian) A-1.
Gulfstream Models AA-1, AA-1A, AA-1B, AA-1C, and AA-5.
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, MS892E-150T, and MS892E-150ST; Panstwowe Zakolady Kotnicze Model PZL-Koliber 150A; Augustair, Inc. Model Varga (Morrisey) 2180.
BA-5110A Cessna Models 172N and 172P; Reims Aviation Models (Cessna) F172N and F172P.
BA-6110 Maule Models M-4, M-4C, M-4S, M-4T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-4-180C, M-4-180S, M-4-180T, M-5-220C, M-5-235C, M-5-180C, M-5-210TC, M-6-180, M-6-235, M-7-235, MX-7-180, MXT-7-160, MXT-7-180, MX-7-160, MX-7-235, and MX-8-235; Mooney Models M20, M20A, M20B, M20C, M20D, and M20G.
BA-8910 Dynac Models (Aero Commander) 100 and 100A.
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", Airplanes installed on PA-18AS-"135", PA-18S-"135", PA-18-"135", PA-18-"150", PA-18A-"150" (SN 18-1 through 18-6963), PA-18S-"150", PA-19, PA-18A (Restricted), PA-18A-"135" (Restricted), and PA-18A-"150" (Restricted) (SN 18-1 through 18-6963); Taylorcraft Models BC65, BCS-65, BC12-65, BCS12-65, BC12-D, BCS12-D1,
Air filter assembly

BC12D85, BCS12D85, BC12D-4-85, BCS12D-4-85, 19, F19, F21, DC-65, DCO-65, F22, F22A, F22B, and F22C; Univair Models (Alon) A-2, A2-A, (Forney) F-1, F-1A, and (Mooney) M10; Swift Museum Models (Globe) GC-1A 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 Models (Alon) A-2, A2-A, (Forney) F-1, F-1A, and (Mooney) M10; Swift Museum Models (Globe) GC-1A 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.
AAF-118 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,
MS892E-150T, and MS892E-150ST;
Panstwowe Zakolady Kotnicze Model
PZL-Koliber 150A; Augustair, Inc. Model Varga
(Morrissey) 2180.

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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 | Replace with assembly | assembly | Instruction sheet |
|------------|-----------------------|------------|-------------------|
| BA-2010 | BA-2010 Revision A | BA-2004, | dated 6/6/95. |
| BA-4106 | BA-4106 Revision D | BA-4105, | dated 6/15/95. |
| BA-4106-1 | BA-4106-1 Revision A | RM-1, | dated 7/6/95. |
| BA-4210 | BA-4210 Revision B | BA-4205, | dated 6/14/95. |
| BA-5110 | BA-5110 Revision H | BA-5105, | dated 5/8/95. |
| BA-5110A | BA-5110A Revision D | BA-5111, | dated 5/8/95. |
| BA-6110 | BA-6110 Revision C | BA-6105, | dated 6/5/95. |
| BA-8910 | BA-8910 Revision B | BA-8910-3, | dated 6/6/95. |
| AAF-117 | BA-4106 Revision D | BA-4105, | dated 6/15/95. |
| AAF-118 | BA-5110 Revision H | 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) is considered terminating action for the repetitive inspection required by this AD.

- (e) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (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 initial or 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) Alternative methods of compliance approved in accordance with AD 95-03-02 (superseded by this action) are considered approved as alternative methods of compliance with this AD.
- (h) The inspections and replacements required by this AD shall be done in accordance with Brackett Air Filter Document I-194, dated March 16, 1994 and 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. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Brackett Aircraft Company, Inc., 7045 Flightline Drive, Kingman, Arizona 86401. Copies may be inspected at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.
- (i) This amendment supersedes AD 95-03-02, Amendment 39-9139.
- (j) This amendment (39-9580) becomes effective on June 7, 1996.

FOR FURTHER INFORMATION CONTACT:

Elizabeth Bumann, Aerospace Engineer, Los Angeles Aircraft Certification Office, FAA, 3960 Paramount Boulevard, Lakewood, California, 90712; telephone (310) 627-5265; facsimile (310) 627-5210.
