



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division
Airport Ruzyně, 160 08 Prague 6
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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-010/2003

Date of issue: January 13 2003

Brackett Aircraft Company

APPLIANCE – AIR FILTER – INSPECTION/REPLACEMENT

Applicability: This AD affects Brackett single screen air filter assemblies, part number BA-2410, that are installed on, but not limited to, the following aircraft that are certificated in any category and incorporate Supplemental Type Certificate (STC) No. SA71GL:

Cessna Model	Serial Nos.
TP206A, TP206B,	All serial numbers.
TP206C, TP206D,	
TP206E, TU206A,	
TU206B, TU206C,	
TU206D, TU206E,	
TU206F, TU206G	
and T207A.	
210	All equipped with air conditioning.
T210F, T210G,	All serial numbers.
T210H, T210J,	
T210K, T210L,	
T210M, T210N,	
210R, and T210R.	

Effective date: February 20, 2003

Compliance: Required as indicated in FAA AD 2002-26-03

Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.

Ing. Pavel MATOUŠEK
director

2002-26-03 Brackett Aircraft Company: Amendment 39-12988; Docket No. 2002-CE-38-AD.

(a) *What airplanes are affected by this AD?* This AD affects Brackett single screen air filter assemblies, part number BA-2410, that are installed on, but not limited to, the following aircraft that are certificated in any category and incorporate Supplemental Type Certificate (STC) No. SA71GL:

Cessna Model	Serial Nos.
TP206A, TP206B,	All serial numbers.
TP206C, TP206D,	
TP206E, TU206A,	
TU206B, TU206C,	
TU206D, TU206E,	
TU206F, TU206G	
and T207A.	
210	All equipped with air conditioning.
T210F, T210G,	All serial numbers.
T210H, T210J,	
T210K, T210L,	
T210M, T210N,	
210R, and T210R.	

(b) *Who must comply with this AD?* Anyone who wishes to operate an aircraft equipped with one of the affected single screen air filters must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to detect and correct incorrect installation of the air filter, which could result in failure of the air filter. Such failure could lead to engine/turbocharger ingestion of the air filter foam element.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Visually or by touch check the single screen Brackett air filter assembly (part number (P/N) BA-2410) to ensure that it is installed with the screen on the down stream side of the filter assembly. Accomplish the following:	Within the next 25 hours time in service (TIS) after February 18, 2003 (the effective date of this AD).	The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may accomplish the visual or touch check of this AD. Make an entry into the aircraft records showing compliance these portions of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).
(i) Remove both upper engine cowlings		
(ii) Open the alternate air access door located on the right side of the engine compartment by applying		

engine compartment by applying pressure		
(iii) While viewing through the alternate air access door, use an inspection mirror and light to check that the screen is installed on the down stream side of the filter assembly; OR		
(iv) Partially insert a hand into the open alternate air access door and touch the back of the filter element, feeling for the presence of the screen or absence of the screen		
(2) Verify that the BA-2410 air filter assembly has screens on both sides. Install an additional screen P/N 2404-00 on the BA-2410 air filter assembly if it is not already equipped with screens on both sides. Alternatively, replace the single screen Brackett air filter assembly, P/N A-2410, with an FAA-approved filter that is not Brackett P/N BA-2410.	<i>If the air filter assembly is installed incorrectly:</i> Prior to further flight after the visual or by touch check required by paragraph (d)(1) of this AD. <i>If the air filter is installed correctly:</i> Within the next 100 hours TIS after February 18, 2003 (the effective date of this AD).	In accordance with the applicable airplane maintenance instructions. The owner/operator may not accomplish the replacement/modification, unless he/she the proper mechanic authorization.
(3) You may accomplish the replacement required by this AD instead of the check specified in paragraph (d)(1) of this AD.	Within the next 25 hours TIS after February 18, 2003 (the effective date of this AD).	In accordance with the applicable or STC supplied maintenance instructions.
(4) Do not install, on any affected airplane, any single screen Brackett air filter assembly, P/N BA-2410.	As of February 18, 2003 (the effective date of this AD).	Not Applicable.

Note 1: Corrective action, if required, must be accomplished by appropriately rated maintenance personnel. The owner/operator may not accomplish the replacement/modification, unless he/she holds the proper mechanic authorization.

Note 2: The compliance time of 100 hours TIS for replacement is based on FAA Safety Recommendation, Control Number 02.122, that recommends modifying to a dual screen configuration at 100 hours TIS.

(e) *Can I comply with this AD in any other way?* You may use an alternative method of compliance or adjust the compliance time if:

- (1) Your alternative method of compliance provides an equivalent level of safety; and
- (2) The Manager, Los Angeles Aircraft Certification Office (ACO), approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles ACO.

Note 3: This AD applies to each airplane identified in paragraph (a) of this AD, 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 (e) 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 you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Roger Pesuit, Aerospace Engineer, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard; telephone: (562) 627-5251; facsimile: (562) 627-5210.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under § § 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *How do I get copies of the documents referenced in this AD?* You may get copies of the documents referenced in this AD from Brackett Aircraft Company, 7052 Government Way, Kingman, Arizona 86401; telephone: (928) 757-4009; facsimile: (928) 757-4433. You may view these documents at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

(i) *When does this amendment become effective?* This amendment becomes effective on February 18, 2003.