



United States of America
Department of Transportation
Federal Aviation Administration
Supplemental Type Certificate

Number: SA4170NM

This certificate issued to: McFarlane Aviation, LLC
684 East 1700 Road, Bldg. 8
Baldwin City, KS 66006

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part * of *.

Original Product

Type Certificate Number: *

Make: *See attached Approved Model List (AML) Number
SA4170NM for list of approved airplane models and

Model: applicable airworthiness regulations.

Description of Type Design Change:

Installation of Part Number PPA1301-1/-2, and PPA1201-1, produced in accordance with P. Ponk Aviation Drawing List Number 87-001, dated January 28, 1987, or later FAA approved revision, as direct replacements for Cessna outboard landing gear support brackets and attachment angles.

Limitations and Conditions:

Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, and Approval Model List (AML), dated February 3, 1988, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval must remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: 01/19/1987

Date Reissued: 03/17/1988

11/03/2025

Date of Issuance: 02/03/1988

Date Amended:

see continuation sheet for additional dates

By Direction of the Administrator

HAIFA J HAJ-

Signature: EID

Digitally signed by HAIFA J
HAJ-EID
Date: 2026.01.23 11:40:57 -08'00'

Title: for Manager, West Certification Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED MODEL LIST (AML) SA4170NM

FOR

**REPLACEMENT PARTS FOR TEXTRON AVIATION OUTBOARD
LANDING GEAR SUPPORT BRACKETS AND ATTACHMENT ANGLES**

ISSUE DATE: February 3, 1988

ITEM	AIRCRAFT MAKE	AIRCRAFT	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA SEALED DRAWING/DRAWING LIST		AFM SUPPLEMENT NUMBER		AML REV DATE
					Number	Revision*	Drawing	Revision*	
1.	Textron Aviation Inc.	170 Series	A-799	Part 3 CAR and TCDS A-799	87-001	N/A, dated January 28, 1987		N/A	
2.	Textron Aviation Inc.	180 Series	5A6	Part 3 CAR and TCDS 5A6	87-001	N/A, dated January 28, 1987		N/A	
3.	Textron Aviation Inc.	185 Series	3A24	Part 3 CAR and TCDS 3A24	87-001	N/A, dated January 28, 1987		N/A	

FAA Approved: _____

**HAIFA J
HAJ-EID**

Digitally signed by
HAIFA J HAJ-EID
Date: 2026.01.23
11:39:37 -08'00'

for Manager, West Certification Branch

AMENDED: March 17, 1988

REISSUED: November 3, 2025