



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

ABI, LLC.  
81 East Commercial Drive  
Palmer, Alaska 9964

PMA No. PQ4204CE  
Supplement No. 14  
Date 8/22/2023

<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement for Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
PA18 One Hole Titanium Tail Spring	ABI-51599-1	Modification Article	<u>STC No:</u> SA02574AK <u>DWG No:</u> ABI-51599-1 <u>Rev:</u> A <u>Date:</u> 11/2/2022 or later FAA-approved revisions	Piper Aircraft Inc.	PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S
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-----End of Listing-----

**Note:** The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA certification branch, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the certification branch. Major design changes (reference 14 CFR 21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

for Timothy L Bonderer  
Manager, Minneapolis Certificate Management Section  
Central Certificate Management Branch  
System Oversight Division  
Aircraft Certification Service