



US Department  
of Transportation  
  
Federal Aviation  
Administration

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**


**GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
1800 JOE CROSSON DR.  
EL CAJON, CALIFORNIA 92020**

**PMA NO. PQ2458NM  
SUPPLEMENT NO. 7  
DATE: DECEMBER 11, 2014  
AMENDED: MARCH 5, 2015**

<u>ARTICLE NAME</u>	<u>PART NUMBER</u>	<u>APPROVED REPLACEMENT FOR PART NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE ELIGIBILITY</u>	<u>MODEL ELIGIBILITY</u>
Nut, Axle	5514	Modification Part	STC: SA02525LA DWG No: MDL 13049-31 REV: B Date: March 26, 2014 Or later FAA approved revisions	Piper Aircraft	PA-12, PA-12S, PA-14, PA-16, PA-16S, PA-18, PA-18 "105" (Special), PA-18 "125" (Army L-21A), PA-18 "135" (Army L-21B), PA-18 "150", PA-18A, PA-18A "135", PA-18A "150", PA-18AS "125", PA-18AS "135", PA-18AS "150", PA-18S, PA-18S "105" (Special), PA-18S "125", PA-18S "135", PA-18S "150", PA-19 (Army L-18C), PA-19S, PA-18A (Restricted), PA-18A "135" (Restricted), PA-18A "150" (Restricted), PA-20, PA-20 "115", PA-20 "135", PA-20S, PA-20S "115", PA-20S "135"

-----End of Listing-----

**Note:** The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, 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 When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to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 ACO. 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.

  
Wanda A. Kimura  
Manager, Los Angeles Manufacturing  
Inspection District Office