

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

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

PMA NO. PQ2458NM  
 SUPPLEMENT NO. 5  
 DATE: JULY 9, 2012

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Wheel	40-108	Hayes/Goodrich 840, 841, 841A	Test and Computations per 14 CFR § 21.303 Dwg. No. 40-108 Rev. IR Date: 12/19/11 Or later FAA approved revisions	Piper	J3, J3C-40, J3C-50, J3C-50S, J3C-65 (Army L-4, L-4A, L-4B (Navy NE-1), L-4H, L-4J (Navy NE-2), J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S (Army L-4D), J3F-65, J3F-65S, J3L, J3L-65 (Army L-4C), J3L-65S, J3L-S, J4, J4A, J4A-S, J4E (Army L-4E), J5A (Army L-4F), J5A-80, J5B (Army J-4G), J5C, J4E (Army L-4E), PA-11, PA-11S, PA-12, PA-12S, PA-14, PA-15, PA-16, PA-16S, PA-17, 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"

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Wheel	40-208	Hayes/Goodrich 840, 841, 841A	Test and Computations per 14 CFR § 21.303 Dwg. No. 40-208 Rev. IR Date: 12/19/11 Or later FAA approved revisions	Piper	J3, J3C-40, J3C-50, J3C-50S, J3C-65 (Army L-4, L-4A, L-4B (Navy NE-1), L-4H, L-4J (Navy NE-2), J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S (Army L- 4D), J3F-65, J3F-65S, J3L, J3L-65 (Army L-4C), J3L-65S, J3L-S, J4, J4A, J4A-S, J4E (Army L-4E), J5A (Army L.4F), J5A-80, J5B (Army J-4G), J5C, J4E (Army L-4E), PA-11, PA-11S, PA-12, PA-12S, PA-14, PA-15, PA-16, PA-16S, PA-17, 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"

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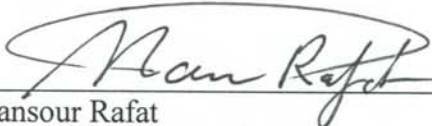
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**NOTE:**

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.



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 Manager, Cabin Safety, Mechanical and  
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Wanda A. Kimura  
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