



INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Piper PA-31 Series Main Landing Gear Outboard Door Hinge Kit No. DH31-200-1

Eligibility: Eligible on all Serial Numbers of listed models.

Model Designation	Type Cert. No.	Model Designation	Type Cert. No.
PA-31 (PA-31-310)*	A20SO	PA-31P	A8EA
PA-31-300*		PA-31T	
PA-31-325		PA-31T1	
PA-31-350		PA-31T2	
PA-31-350 (T-1020)		PA-31-T3	
		PA-31P-350	

*Model Numbers PA-31 (PA-31-310) and PA-31-300 having serial numbers from 31-5 through 31-749 are not eligible for installation of Main Landing Gear Outboard Door Hinge Kit No. DH31-200-1 unless they are equipped with Piper MLG outboard doors P/N 42059-06.

Illustrated Parts List

MLG OUTBOARD DOOR HINGE KIT NO. DH31-200-1

ITEM	QTY	P/N	DESCRIPTION
1	4	DH31-201	OUTBOARD HINGE BRACKET ASSY (INCLUDES BEARING, PIPER P/N 452-808)
2	16	AN3-5A	BOLT
3	16	AN960-10	WASHER
4	4	AN4-11A	BOLT (PIVOT)
5	4	AN960-416	WASHER
6	4	MS21045-4	NUT

Airworthiness Limitations

The Airworthiness Limitations section is FAA/DAS approved and specifies maintenance required under paragraphs 43.16 and 91.403(c) of the Federal Aviation Regulations unless an alternative program has been FAA approved.

This section constitutes Component Airworthiness Limitations which apply to main landing gear outboard door hinge bracket assemblies, P/N DH31-201, only.

1. Each hinge assembly must be visually inspected for condition at each routine or scheduled landing gear inspection.
2. Any hinge assembly that has developed any crack is subject to immediate mandatory replacement. If any cracks are found, contact the manufacturer:

Aero Twin, Inc.
2404 Merrill Field Drive
Anchorage, AK 99501

Ph: (907)274-6166
Fax: (907)274-4285
web: www.aerotwin.com
3. Upon completing inspection and finding condition to be satisfactory, add a logbook entry stating that the hinges were inspected in accordance with these instructions.

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