



INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Piper PA-31 Series Main Landing Gear Inboard Door Hinge Kit No. DH31-100-1

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	

Illustrated Parts List

MLG INBOARD DOOR HINGE KIT NO. DH31-100-1			
ITEM	QTY	P/N	DESCRIPTION
1	4	DH31-101	INBOARD HINGE BRACKET ASSY (INCLUDES BEARING, PIPER P/N 452-808)
2	24	AN3-6A	BOLT
3	24	AN960-10	WASHER
4	4	AN4-13A	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 inboard door hinge bracket assemblies, P/N DH31-101, only.

- Each hinge assembly must be visually inspected for condition at each routine or scheduled landing gear inspection.
- 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.	Ph: (907)274-6166
2404 Merrill Field Drive	Fax: (907)274-4285
Anchorage, AK 99501	web: www.aerotwin.com
- 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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