


**GFA AN 162**  
(ISSUE 3)

**AIRWORTHINESS ADVICE NOTICE**

- TYPE AFFECTED:** Diamond Aircraft HK-36 R and T series, all serial numbers.
- SUBJECT:** Miscellaneous airworthiness information.
- BACKGROUND:** This AN records airworthiness information which is useful to know. This issue offers the option of an increased allowable towing mass for aircraft equipped and certified for glider-towing.
- APPROVED MODIFICATIONS:** Diamond Service Bulletin No OSB36-053/2 covers the optional installation of a winterization kit to the oil cooling system to increase the oil temperature in HK-36 TTS, TTC and TC. Probably of no interest to operators in sub-tropical climates, but may be of interest to operators in regions where temperatures of 15°C or less can be found for some months of the year. Copies of the Service Bulletin may be obtained from the GFA Secretariat on request.
- MAINTENANCE TIPS:** Diamond Aircraft Service Information No SI-36-023 and Rotax Service Instruction No SI-912-011/SI-914-012 concern the replacement of the gasket rings on the oil cooler radiator adaptor. The above documents call for replacement of the gasket rings (a) upon detection of an oil leak or (b) when carrying out maintenance work for other reasons on the oil cooler. The service documents are available from the GFA Secretariat on request.
- FLIGHT MANUAL SUPPLEMENT:** Diamond Aircraft Service Bulletin No MSB36-081 covers an increase in the maximum allowable towing mass to 500 kg in accordance with an amended Supplement 1 to the Aircraft Flight Manual. There are two conditions which must be met before the factory will supply an amended supplement, viz.
1. It applies only to the HK-36 with Rotax 912S3 engine.
  2. Service Bulletin No OSB36-079 and the associated Work Instruction (improvement of engine cooling) must be incorporated. OSB36-079 involves enlarging the NACA inlet duct. The OSB and WI are available from the GFA Secretariat, but the amended supplement must be obtained from the manufacturer

<b>SIGNED:</b>		For and on behalf of:	
		<b>THE GLIDING FEDERATION OF AUSTRALIA</b>	
SENIOR TECHNICAL OFFICER AIRWORTHINESS			
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Note that, if OSB36-079 is incorporated, the winterization kit described above under "Approved Modification" can no longer be used. The factory is developing a new winterization kit - details not available at the time of publication of this AN.