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**MEMO**

**Date:** Tuesday, 5 July 2016

**Subject:** AD 2008.01

An enquiry was received questioning the applicability of AD 2008.01 in relation to the hub-bar design used on Magni and TAG Aviation Gyroplanes.

Extensive research has revealed that there have been no known failures or defects detected in the hub-bars currently fitted to these gyroplanes most likely indicating that the "side plate" design (photo below) is not prone to the fairly predictable onset of cracking and very occasional catastrophic separation known to occur in conventional aluminium hub bars substantially exceeding 1000 hours time in service. Additionally, the eddy current testing process described within the AD is only relevant for deep holes in thick metals.



**Dispensation.** Gyroplanes manufactured by Magni Gyro Company and TAG Aviation that utilise the hub-bar design pictured above are exempted from the requirements of ASRA AD 2008.01. Testing and life of these hub-bars is as per manufacturer's recommendations or requirements. This dispensation is only applicable to hub-bar designs similar to that pictured.

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