

AUSTRALIAN SPORT ROTORCRAFT ASSOCIATION INC

AIRWORTHINESS ALERT



ABN 53 412 417 012

No: 2010.03

Date: September 1st 2010

Subject: Autoflight Gearboxes

Background.

ASRA received advice from a member of several rear bearing failures in Autoflight gearboxes mounted on an EJ25 engine fitted to a gyroplane. The cause of the failures appeared to be the lack of lubrication of this sealed bearing. Removal of the inner oil seal appears to have rectified the problem.

Despite the fact that only one operator has experienced this problem, ASRA contacted the manufacturer for advice and was advised that the removal of the inner oil seal on this bearing will rectify the problem.

Recommendation.

It is strongly recommended that the owners and operators of Autoflight gearboxes bearing serial numbers: AU 107, AU 114, AU 115, AU 116, AU 117, AU 118, AU 130, AU 131, AU 132, AU 133, AU 134, AU 145, AU 146, AU 149, AU 164, AU 166, AU 169, AU 171, AU 172, AU 174, AU 175, AU 176, AU 186, AU 187, AU 192, AU 198, AU 199, AU 216, AU 217, sold in Australia since August 30th 2007, contact the manufacturer without delay for specific advice on the method to be used to modify and replace the affected bearing.

Upon modification, an entry stating that the modification has been carried out in accordance with the manufacturer's instructions must be made in the gyroplane logbook.

Allan Wardill
ASRA Operations Manager

cc ASRA Board, CASA