



# United Kingdom Civil Aviation Authority

## EMERGENCY AIRWORTHINESS DIRECTIVE

**AD No: G-2008-0003**

Issue Date: 15 January 2008

This AD is issued by the UK CAA as the National Aviation Authority (ICAO Annex 8 Authority of State of Design) for the affected product(s).

In accordance with Article 10 of the Air Navigation Order 2005 as amended the following action required by this Airworthiness Directive (AD) is mandatory for applicable aircraft registered in the United Kingdom.

No person may operate an aircraft to which an AD applies except in accordance with the requirements of that AD unless otherwise agreed with the Authority of the State of Registry.

Type Approval Holders Name: <b>DOWTY PROPELLERS</b>	Type/Model Designation(s): <b>R408/6-123-F/17</b>
<b>Type Certificate Data Sheet No:</b> EASA TCDS P.002	
<b>Superseded/ Revised ADs:</b> None	
<b>ATA 61– PROPELLER ELECTRONIC CONTROLLER - UNIT REMOVAL</b>	
<b>Manufacturer(s):</b> Dowty Propellers	
<b>Applicability:</b> Propeller Electronic Controller Part No. 699018002 Serial Nos :- 1488,1489, 1490, 1494, 1495, 1496, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1527, 1528, 1529, 1530, 1531, 1532, 1537, 1538, 1541, 1542, 1543, 1544, 1549, 1550, 1567, 1569, 1570, 1571, 1572, 1573, 1574, 1581	
<b>Reason:</b> The TC holder has identified that, due to a production problem, there is an increased potential for failure of input/output circuit boards fitted to Propeller Electronic Controllers with the above unit serial numbers. Failure could lead to uncommanded propeller speed changes or loss of the autofeather function.	
<b>Effective Date:</b> 18 January 2008	
<b>Compliance/Action:</b> Remove from service Propeller Electronic Controller units identified above as follows:-  <ol style="list-style-type: none"><li>1) If two affected units are installed on one aircraft, remove one unit from service within 7 days of the effective date of this AD. The other unit is to be removed in accordance with paragraph 2) below.</li><li>2) All units identified above must be removed from service within 1200 flight hours or 6 months of the effective date of this AD, whichever limit is reached first.</li><li>3) Replace with a serviceable unit Part no 699018002 in accordance with the relevant Aircraft Maintenance Manual.</li><li>4) Once removed, do not refit affected units until the input/output circuit board has been replaced by an organisation approved for the task, in accordance with Alert Service Bulletin D8400-61-A77.</li></ol>	
<b>Reference Publications:</b> Dowty Propellers Alert Service Bulletin D8400-61-A77 may be obtained from Dowty Propellers, Anson Business Park, Cheltenham Road East, Gloucester, GL2 9QN. Phone: +44(0)1452 716000 Fax: +44(0)1452 716001.	
<b>Remarks:</b> Enquiries regarding this Airworthiness Directive should be referred to Aircraft Certification Department, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom. Phone: +44(0) 1293 573292 FAX: +44(0)1293 573976.	