

<b>Student Name</b>	Duncan Bourne
<b>Company</b>	Goodrich
<b>Research University</b>	Loughborough
<b>Academic Supervisor (s)</b>	Dr Roger Dixon
<b>Title</b>	Distributed Control Systems for Engine Control
<b>Abstract</b>	<p>The project will tie in with existing Goodrich research activities in the area of distributed control (the overarching aim of these is to reduce the cost of ownership). The project will investigate various aspects of a distributed control with a view to ensuring they meet technology readiness level 6. Areas for investigation could include:</p> <ol style="list-style-type: none"> <li>1. Partitioning</li> <li>2. Safety</li> <li>3. Control</li> <li>4. Fault detection, accommodation and isolation</li> <li>5. Reliability</li> <li>6. Life cycle</li> <li>7. Cost modelling</li> </ol>