PROJECT TITLE:	Design for Environment – Life Cycle Analysis
OBJECTIVE:	To contribute towards the development of a life-cycle analysis (LCA) process for environmentally evaluating an aircraft program. This will involve the collection, analysis and review of aviation data for the whole life of an aircraft and its relationship towards the environment and the impact of aviation. Couple with this should be a written process on how data is collected and verified. The developed process will go on to be applied to other aircraft programs in the future
DESCRIPTION:	The candidate will work in a small team within Design for Environment in Core Engineering and will be responsible for investigating all environmentally related matters that apply to aviation and its interaction with the environment and the potential to reduce the overall impact. This is in line with the company's Corporate Responsibility goals. The candidate will also work and interact internally with a variety of other departments and may also be in contact externally with governments, academic institutions, suppliers and partner organizations in contributing as required.
DELIVERABLES:	Completed LCA and process formulation (all information shall be referenced & electronically stored)
SCHEDULE:	2010
NO OF HOURS:	~ 500 man-hours.
SOFTWARE TRAINING NEEDS:	MS windows, WEB
PRE-REQUISITE:	Undergraduate engineering student – 3rd year completed.
PROJECT RESPONSIBLE:	Bruce Parry x59879
DATE:	January 2010
REVISION:	--