



## REPORT REQUIREMENTS - Level III Certification

### STC PRE-FLIGHT REVIEW CHECKLIST - Part 2 of 3

#### C. Recovery System

- a. Is the recovery system attachment secure/suitable?
- b. Does the recovery system have sufficient capacity for safe deployment?
- c. Does the recovery system have sufficient capacity for a safe descent?
- d. What is the deployment system?
- e. Are pyrotechnics involved?
- f. Are avionics involved?
- g. What are the most probable deployment system faults and corrective actions?
- h. What are the safety implications of a recovery system failure?
- i. Are there any design change recommendations?

#### D. Avionics Description

- a. Commercial or unique design?
- b. What are the functions of the avionics components?
- c. Are the avionics appropriate to the application?
- d. Do the avionics have flight safety implications?
- e. Can the avionics and inhibits accessible from outside the vehicle?
- f. Are there safeing/arming indicators?
- g. Are any of the systems redundant?
- h. What are the most probable avionics system faults and corrective actions?
- i. What are the safety implications of an avionics system failure?
- j. Are there any design change recommendations?

#### E. Motor

- a. Is the motor (or motors) suitable for the rocket?
- b. Are the motors HSE / UKRA Certified?
- c. Are the motors experimental?
- d. Have the motors been tested?
- e. Is the motor ignition suitable?
- f. What are the most probable motor faults and corrective actions?
- g. What are the safety implications of a motor failure?
- h. Are there any design change recommendations?