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| **United Kingdom Rocketry Association** |  |

**Team Project Support v3.****2**

***Project Proposal***

Produced by UKRA Safety & Technical.

July 2018

# Team Project Support – Project Proposal

**Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Lead Member’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Lead Member Phone & Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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Application for TPS will be made by contacting the UKRA safety and technical committee (S&T). This will be at the start of the project, before building begins. A full and detailed technical description of the proposed rocket and flight must be submitted and approved by S&T. The following is a list of requirements to help you with this technical description of your project.

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| **Item:** |  |  |  |  |  |  | **Check** |
| Drawings of the rocket showing airframe components, fins, bulkheads, associated internal structures, adhesive joints, recovery system components, payloads, etc. |   |
| A parts listing that includes material descriptions, adhesive types, screw sizes gauges, material thicknesses, etc. |   |
| A detailed motor assembly diagram, showing the structure and placement of all associated systems, retainers and locators. |   |
| Schematics of recovery system electronics that show batteries, circuit designs, wiring diagrams, etc. |   |
| Pre-flight checklist describing field assembly of the rocket, motor installation, recovery system preparation, launcher installation, system arming, etc. |   |