

### ***Hardware Description***

The *Tribolium* (flour beetle) experiment package consists of a several plastic modules each with three compartments. Each compartment contains an aluminum insert holding two felt layers sandwiched between tissue papers. Holes are punched in each piece of felt, then one or two pupae are positioned in each hole in the felt inserts, cushioned between layers of tissue paper. The packages are constructed with integral heating strips and a preset thermostat; temperature control is automatic and required 28 V dc. There are two *Tribolium* packages, each of which contain 720 pupae.

**Radiation Dosimeters:** Four LiF disc dosimeters are inserted between two tissue papers with a pupae layer on either side then inserted into the plastic module.

### ***Specifications***

**Dimensions:** Unknown

**Weight:** Unknown

**Power:** None

### ***Data Acquisition***

Radiation data

### ***Related Ground-Based Hardware***

None

### ***Publications***

- Slater, J.V., et al.: Effect on a Flour Beetle of Irradiation During Space Flight. *Bioscience*, vol. 18, no. 6, June 1968, pp. 595–597.
- *Biosatellite Project Historical Summary Report*. J.W. Dyer, ed., NASA TM-X-72394, December 1969.

