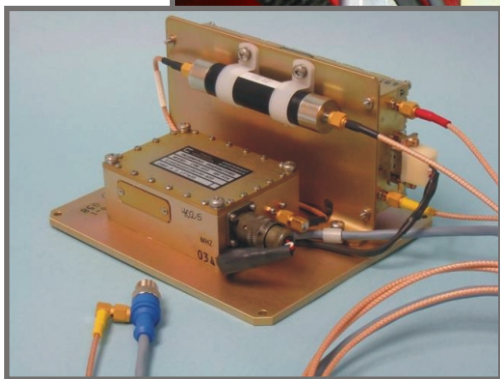
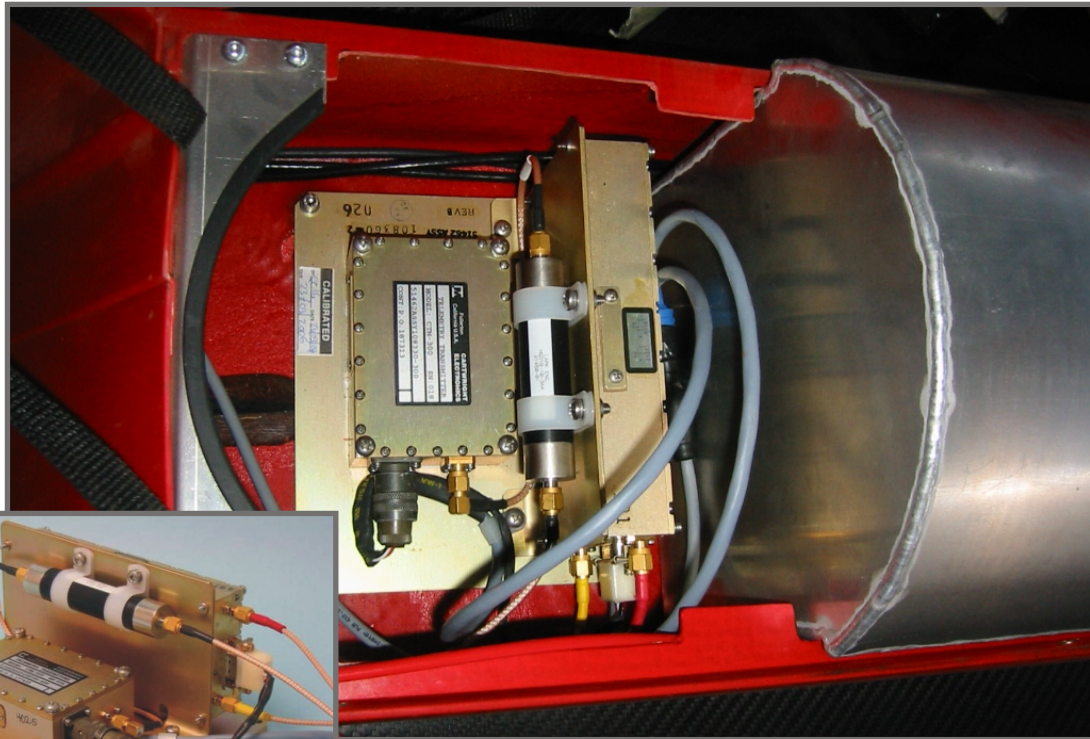


## MicroDops Scoring System



### Features

- Scoring Range  
selectable 9 m (29.5 ft)  
12 m (40 ft) 20 m (65 ft)
- Scoring Accuracy —  $\pm 0.3$  meters ( $\pm 1$  ft)
- Operating Frequency — 3245 Mhz
- Relative Velocity  
244 to 1829 m/s (800 to 6000 ft/s)
- Self telemetering  
2 miles typical (function of antenna gain)
- Dual drone capable

### Description

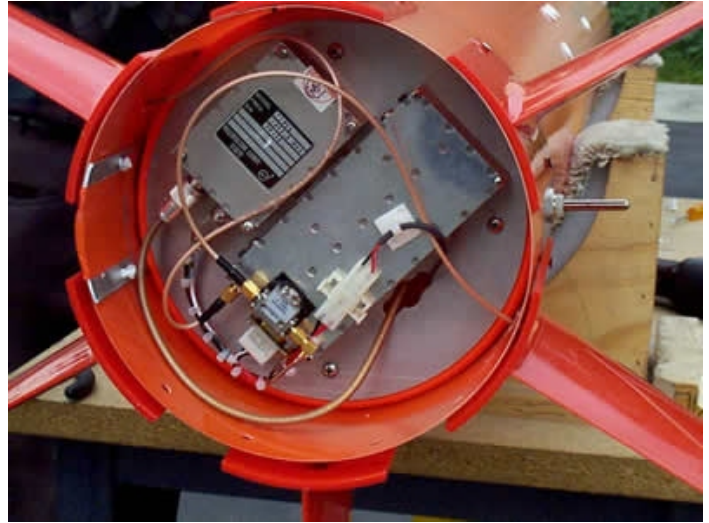
The Microdops Doppler Radar Sensor is a small, ultra-lightweight, low-cost scorer designed for use on a wide variety of aerial tow targets and drones. The sensor is easily adapted to the target through the use of an installation kit that contains required hardware.

The Microdops satisfies both air-to-air and surface-to-air scoring requirements; and can be used for either counting small projectiles or as a scalar miss-distance indicator (MDI) for larger projectiles and missiles. A unique feature of this system is the self-telemetry capability which eliminates the need for a separate telemetry transmitter. Two frequencies are available to facilitate dual-target missions. The Microdops is readily adaptable to standard telemetry systems when extended range is required.

# MicroDops Scoring System

## Mechanical

- Weight — 0.5 kg (16.9 oz)
- Length — 16.2 cm (6.375 in)
- Width — 7 cm (2.75 in)
- Height — 2.9 cm (1.16 in)
- Mounting hardware — Four 4-40 screws
- Typical mating hardware
  - J1 XMTR output — SMA plug
  - J2 RCVR input — SMA plug
  - J3 input/output — 9-pin DE-9S



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