



Terminator – Flight Termination System for High Altitude Ballooning

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Abstract

The FFA requires that high altitude sounding balloons possess two methods by which a flight might be terminated. With traditional latex sounding balloons the primary means of flight termination is that the balloon bursts at altitude. Recently low cost small payload zero pressure balloons have become available for use by higher educational ballooning programs. So for both systems, but particularly zero pressure systems there is a need to have user controlled flight termination systems. We present here the design for a timer based system and a radio controlled system employing a hotwire cutter.

