

Frequent Flyer

Effective January 16, 2010

- Code: FF1
Control: Tethered - Self Powered.
Open to: All up to Senior 4.
Max Airframe Size: 0.5 meter Wingspan.
Weight limit: None
Size of Playing Field: 5 m Diameter
Tether Pylon: 1 m in height positioned at the center of the field.
Means of connection: A 12Lb monofilament will be supplied so that a loop at one end will fit over the pylon and the other end should be securely attached to the airframe such that the center of the airframe is 2 m (+/- 20mm) from the center of the pylon.
- Explanation: Frequent Flyer is sponsored by the Manitoba Aerospace and requires the construction of a self powered airframe to be launched by hand where upon the airframe is expected to gain and maintain some altitude above the ground for as long as possible. As the airframe is tethered to a central pylon the flight path is to be circular around the pylon
- Rules: Power sources must be onboard and not use any form of combustible fuel, stored electrical energy or compressed fluids. Rubber bands or other elastomeric forms of stored energy are acceptable provided they are not allowed to become detached from the airframe and become airborne themselves. Tethers will be supplied by the Manitoba Robot Games.
- Robot Identification: The MRG identification sticker(s) (as supplied while registering in the contest) must be easily readable on the airframe while competing.
- MRG General Rules: Failure to follow the MRG General Rules may result in the following:
Warning being issued.
Disqualification and loss of match.
Disqualification from competition and or event.