



Aquajet

Aim: To design and fabricate an aquajet that will use water as fuel and will be measured on the basis of time taken and horizontal distance covered.

Location: Ground near Aero labs

Gameplay and scoring:

1. The candidates will be given two chances/trials.
2. The task is to cover the maximum horizontal distance and the time of flight taken by the rocket. The place where the tip will fall will be considered for scoring.
3. The teams are allowed to use different rockets for the trials. The winner is judged on the basis of both the time taken and the distance achieved.
4. Common launch pressure (60 to 100 psi/4 to 7 bar) to be agreed before start of the Contest and will be specified by the team members.
5. Teams must build their Own Launch pads which provide a stable and guided launch to the Aqua jet in the desired direction.
6. IMPORTANT: All aquajets in this contest must have soft/crushable nose cones to prevent damage or injury in case of accidental impact with objects or persons. This rule will be applied without exception to all aquajets to be flown ballistically (in or out of the competition flying). Non-compliant aquajets will be disqualified and not allowed to fly. Also, care must be taken by the team to seal the aquajet properly in order to prevent it from bursting under water pressure.
7. NOTE: Its necessary to use only water. Teams cannot use any other combination with soda, additives, mint-coke etc to propel the jet.

Team Size: 2 to 3 members

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