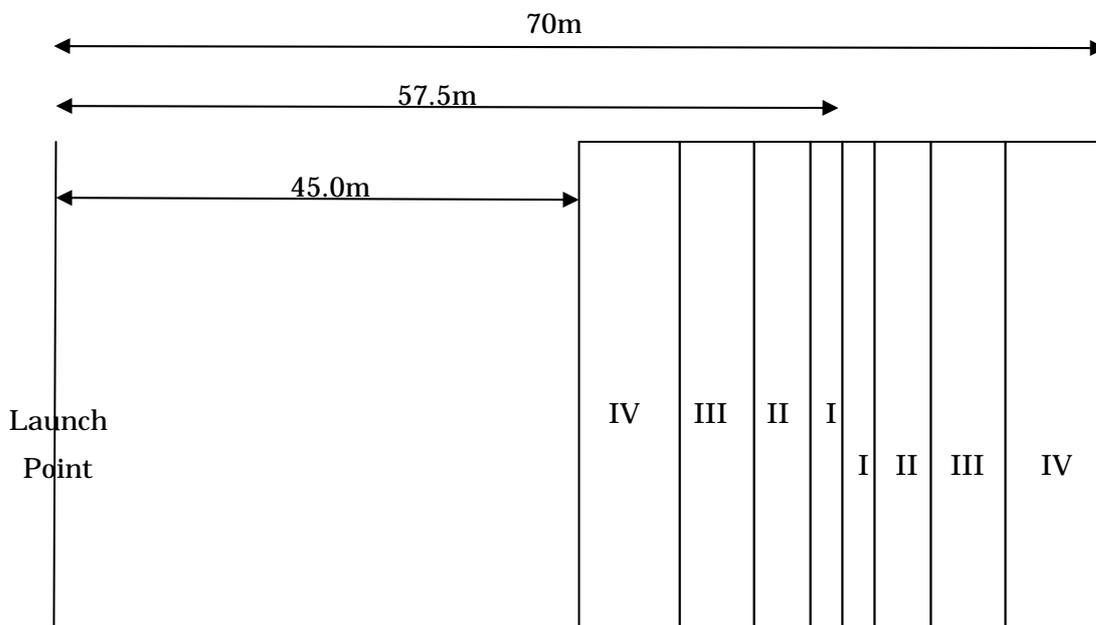


RULES FOR APRSAF WATER ROCKET LAUNCH COMPETITION

1. APRSAF-14 Water Rocket Launch Competition will be held at National Aerospace Laboratories Central School, Bangalore, India. All competitors should make their water rockets and launch them at the designated places (See map and layout below).
2. All materials to make and launch water rockets, including 2-liter PET bottles, tools, nozzles and launchers, will be provided by the organizer.
3. Each competitor should make 2 rockets, one as the main rocket and the other as a back-up.
4. The competitors are encouraged to be creative in designing nose cones and fins of their water rockets.
5. At the time of launch, each competitor may adjust the volume of water. Within the maximum limit to be notified by the organizer, the competitors may also adjust the air pressure.
6. Each competitor will be given opportunities to conduct 2 launches.
7. The highest score is 100 points per launch, which will be given if the rocket hits the target point of 57.5 m from the launcher, or the impact point is within the range of $\pm 1.5\text{m}$ from the target point (Zone I). Less points will be given if the impact point is farther away from the target point as indicated below:
 - a. Zone I: 56.0-59.0m: 100 points
 - b. Zone II: 53.5-56.0m and 59.0-61.5m: 80 points
 - c. Zone III: 50.0-53.5m and 61.5-65.0m: 60 points
 - d. Zone IV : 45.0-50.0m and 65.0-70.0m: 40 points



8. If the impact point is exactly on the zone marker, i.e. the line between two zones, the points for the zone closer to the launch point will be awarded.
9. If the impact point is outside the dedicated zone, i.e. Zones I, II, III and IV, no point will be awarded.
10. A competitor who scores the most points after two launches will be declared the winner of the Launch Competition.

LAYOUT of the competition site

[LAYOUT TO BE INSERTED BY ISRO]

DIRECTION TO THE LAUNCH COMPETITION SITE

