

# 2022 MASA Classic Sci-Fi Contest and Rules

1. This contest is open to all MASA members. This contest is based on classic pre-1970 science fiction – and you must provide a screen shot of the object from the media that it was found in (TV, movie, album/publication cover art, etc), along with the title for judging. The picture must be submitted at the time the entrance form is submitted. The submission must be derived from pre-1970's versions if there has been a more current remake. The contest submission must be a new build. Contest to be held at the July launch, or later, if weather interferes with the July launch. Contest entrance forms will be accepted up through the end of the June launch.

2. The winner will be determined by which rocket accumulates the most points totaled from: control room points, flight points and static points will be needed for the winners

## 2a. Control room points (spectators)

- Control room points will be determined by all the votes taken on the day of the contest. Non-contest fliers at the launch that day will be eligible to vote on the day of the contest. Voting will be by Ranked Choice Voting. Voters will vote for 5 entrants giving 25 points to their top entrant, 20 points to their second entrant, and so on down to 5 points for their fifth place entrant. Votes will be tallied and divided by the number of total voters for a final control room score.

- The maximum average control room points would be 25 points per contestant which will be modified by the following criteria:

- if the rocket is built from a commercial kit as is, there will be no multiplying of points

- if the rocket is built from a commercial kit with significant structural modification to that kit, the control room points will be multiplied by 1.5.

- if the rocket is scratch built, the control room points will be doubled.

2b. Flight points - The rocket must fly safely and successfully to win the contest. Rockets that have an unstable flight will be DQ-ed. Any NAR approved 1/2A through G motors are allowed. The flight has to be stable, safe and the recovery has to be by parachute, streamer, gyrocopter or glide recovery. A contestant can make up to three flight attempts on the day of the contest to get in a qualifying flight, or to better their flight points. A flight is only qualified if it is returned to the contest table after it is launched.

## Flight point breakdowns:

- single use black powder motors are worth one point

- single use AP motors are worth two points
- re-loadable AP motors are worth three points

This is per each motor used in a single flight – for example a cluster of three Estes black powder motors would be equal to three points, if they all light. And a two stage single use AP motored rocket flight would be worth 4 points, if they both light, etc.

### 2c. Static points

If the rocket makes use of techniques from one or both of the prior two meetings presentations (rigid foam and or night launches) bonus points will be awarded

Static points breakdown:

- if custom shaped rigid foam is used to enhance the shape/contours of the rocket, it is worth 2 additional points
- if electrically powered lighting is used in the rocket design which would make it visible after dark, it is worth 2 additional points
- if a rocket incorporates both of the above, it is eligible for both bonuses.

3. All safe materials are at the builder's disposal. Rail slides, slides, buttons or launch lugs are acceptable. If the RCO says the model is unsafe for any reason, and cannot be rectified at the field before it flies, the model will be disqualified.

4. Prizes yet to be determined

5. We reserve the right to change or alter the rules as we become aware of difficulties as they are currently written, but the rules will be finalized by the end of the June launch. Please let us know if something doesn't seem to make sense or needs to be further clarified.

Examples of pre-1970 science fiction movies, but not limited to:

- Planet of the Apes (1968)
- Barbarella (1968)
- Fantastic Voyage (1966)
- Voyage to the Bottom of the Sea (1961)
- Plan 9 From Outer Space (1959)
- Attack of the 50' Woman (1958)
- Forbidden Planet (1956)
- 20,000 Leagues Under the Sea (1954)

King of the Rocket Men (1949)  
Flash Gordon Conquers the Universe (1941)  
Buck Rogers (1939)  
Undersea Kingdom (1936)  
Metropolis (1927)

Examples of pre-1970 science fiction TV but not limited to:

Captain Video and His Video Rangers

Flash Gordon

Fireball XL5

Space Patrol

Twilight Zone

Johnny Quest

Lost in Space

The Outer Limits

Space Ghost

Star Trek: TOS