

MASA Trophy 2022 Round 1

Task 1 - Timed flight.

Without outside help or a timer on the radio, take off and fly. When the pilot is ready, give a call out to the timer to start the 2 minutes. Fly around for 2 minutes then come in, to land (pilot estimating the 2min). The landing must be considered a "controlled landing" and the time stops when the aircraft touches the ground. Penalty of 20 seconds to the time if the landing is considered a crash (judge's discretion). For aircraft without landing gear, the judge will determine if the landing would have damaged the landing gear if fitted, aircraft must finish the right way up on the ground. Starting Score is 120 points with every second less than or greater than the 120 seconds deducted from the 120 points. The Closest to 120 points wins. The team score will be added up and averaged out for that team.

Team points - 1st 50pts, 2nd 30pts, 3rd 20pts, 4th 5pts

Task 2 - Dice Takeoff & Loops.

Roll the dice, the number you roll is the number of loops you must do. Takeoff and do that number of loops. This a great chance equalizer; a novice can throw a low number and an experienced flyer can throw a high number, so the novice can easily win. Timer starts at lift off or for hand launch planes, when the plane leaves the hand and stops at the last required loop. Score is the time in seconds. The shortest time wins, no rush to land. The team score will be added up and averaged out for that team. The loop must be a vertical loop within 45 degrees of 12 o'clock, judge's discretion. If judge is not happy, they will ask to redo the loop during your flight.

Team points - 1st 50pts, 2nd 30pts, 3rd 20pts, 4th 5pts

Task 3 – Spot landing.

You have 2 goes at Spot landing in a 3-tiered circle. Inner circle 500mm diameter. Middle circle 3m diameter, outer circle 6m diameter. Landing point is taken at the main landing gear with at least one wheel in the circle. If one wheel is in one circle and the other another circle the points will be taken on the smallest circle (higher points)

If the landing is considered a crash the score will be zero (judge's discretion). For aircraft without landing gear, the judge will determine if the landing would have damaged the landing gear if fitted, aircraft must be the right way up when finished.

- Inner circle 50pts
- Middle circle 25pts
- Outer circle 7pts

Team points - 1st 50pts, 2nd 30pts, 3rd 20pts, 4th 5pts

No protest will be entered into, judge's decision is final, judges have the right to enter into discussion with one another for clarification of flight task.

MASA Trophy 2022 rules

Purpose:

The purpose of this event challenge is to create a low key, proper 'FunFly', between MASA affiliated clubs and is designed to allow pilots of all skill levels to participate. Each club participating will need to form a team to represent their club.

Events will be held bi-monthly, alternating between Northern and Southern clubs. Teams are encouraged to travel to each and every event. The more events your club participates at, the higher your club score will be. The scoring will be accumulative over 5 rounds for the northern chapter and 4 rounds for the southern chapter. The Northern club and Southern club with the highest scores at the end of their season will battle it out in a Grand Final.

Pilot entries

In the past there was maximum 4 pilots per team per task. This year due to the increased club numbers we have dropped down to maximum of 3 pilots per team per task. As a trial for round one and to give clubs who have more pilots wanting to attend, each task may have a different pilot this gives a team a potential to bring 9 pilots. For example. Please note you must have the same number of pilots for each task.

ABC flying club.

Task 1

- Pilot 1 – Joe
- Pilot 2 – Harry
- Pilot 3 – Jack

Task 2

- Pilot 1 – Niel
- Pilot 2 – Trish
- Pilot 3 – Charlie

Task 3

- Pilot 1 – Rebecca
- Pilot 2 – Chris
- Pilot 3 – Steven

Event Days

Events will be run as shown on the masa calendar which the dates are below

Northern Chapter

- Moonta Model Aero Club – 27th February
- Concorde Model Flying Club – 1st May
- South Hummocks Model Aero Club – 3rd July
- Skyhawks Aeromodellers – 28th August
- Barossa Valley Model Aero Club – 30th October

Southern Chapter

- South Coast Model Aerosport Club – 20th March
- Noarlunga Model Aerosport – 29th May
- Strathalbyn Model Aircraft Club – 24th July
- Holdfast Model Aero Club – 11th September

Grand Final – 20th November at a grand finalist club.

The Grand Final will be between the highest scoring Northern and Southern clubs. The winning club being declared the MASA Trophy Champions for that year.

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Grand Final (cont)

If the Grand Final is cancelled due to weather, then the team that finished with the highest accumulative score at the end of round 4 shall be declared the 2022 champions. The grand final will not be rescheduled. If there is a draw on points, then both teams will be declared the 2022 champions. First and runner up prize will be at a toss of a coin.

Cancelation due to weather

If weather conditions cause an event to be abandoned, that event will not be rescheduled. If for this reason a round is missed and the grand final is cancelled resulting in points count decision for grand final winner, the points will be averaged out for each team and the highest points will be the winner.

Benefits:

All participating clubs will benefit by increasing the overall pilot skill level by placing every pilot slightly out of their comfort zone and building on their situational awareness. Doing something different is a great confidence booster. Clubs will also benefit from the cash generated from hosting an event, being, MASA Sponsorship, camping fees and canteen/BBQ takings etc.

Responsibilities:

The host club is responsible for providing the venue, and catering (as they see fit). The host clubs' Safety Officer is responsible for providing the Pilots Briefing at 10am on the event day. The Host Club is also to provide the Contest Director. The MASA event coordinator is responsible for supplying the tasks to be performed prior to each event in the 'off months', task hardware (if any), score sheets, tallying the scores and organising with MASA any awards to be made at the end of each event with the ultimate being the MASA trophy at the end of the Grand Final. The MASA Trophy is to be awarded by the MASA President or their representative. There are no Sheep Stations involved and the entire competition is about having fun and getting to know members of other clubs. No protests will be entered into. The CD's word is final.

Height Restrictions:

Some tasks have timed climbs which may exceed a club's maximum height. If so, the clubs Safety Officer is to be the one who determines when an aircraft has reached the clubs height level. Their call is final. Team Makeup: Each team will have a Team Captain/Pilot, Pilots and Assistants if required. If you are not directly involved with a team; you are not permitted on the 'Air Side' of the field during a task.

Entry Forms:

Entry forms will be available from the MASA website https://j.b5z.net/i/u/10237934/f/Club_News/MASA/MASA_Trophy_Entry_Form.pdf and will be a permanent page in the MASA Newsletter. The Team Captain is to ensure that the pilot entries are given to the judges before the Pilots Briefing. Entries close at 9:50am on the day of the event. If you are late, you miss out. To assist the event co-ordinator we ask for each club to email the names of the pilots and what task they are flying in before the event. Please email to president@masa.org.au

Event Tasks:

Event Tasks will be released in the off month of competition. This will give clubs time to pick team members and practice the tasks prior to the event. The tasks are aimed at fixed wing only if demand exist in the future other disciplines may be included. There will be three tasks nominated for each event and one round for each task. The first task will

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Event task (cont)

start immediately after the Pilots Briefing and continue back-to-back. To speed up the process some tasks maybe asked to be run in the same flight if the same pilot is doing them.

Task Descriptions:

Each task description will indicate what is required to complete the task.

Where necessary, a pilot is to call 'Now' when they begin a task and 'Finish' when they have completed a task. Other tasks, start and finish, will be determined by the aircraft leaving the ground and touching down again. Each Task Description will indicate what is needed.

Eligible Aircraft:

All aircraft are eligible. Each pilot is to nominate on the Event Entry Form their Primary and Secondary aircraft. The Secondary Aircraft can only be used if the Primary is damaged and cannot be repaired to an airworthy condition before the next task.

Scoring:

Each team members score for each task will be added up and the total score will be averaged out for a final score for the event. For Example: If a team has one member and their total score for an event is 100, then the score will be 100 divided by 1 which equals 100.

If a team has 4 members and the total score for each member, for an event, is 100, then the score will be 400 divided by 4 which equals 100. This way a team with less members is not disadvantaged for having less members.

Prizes:

There will be a first and runner up prize at the end of the Grand finale. The grand final winner will take back to the club a Eflite Apprentice and second place a Spektrum DX6e donated by Model Flight. For 2022 there will be on going encouragement awards throughout the year with funds donated by MAAA. Each pilot who registers to fly will be in a draw to win a \$100 voucher to spend at Model Flight and second prize a sponsors MASA hat.

Aim
To provide a little bit of
friendly rivalry, a lot of fun
and
Club interaction.
Enjoy

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