Model Plane Advisory Circular 21/11/2026*

National Air Races Rules and Standards



Two days of man versus manufactured radio controlled machinery

Right Hand Cicuits

Changes include the following ....

Number 1 - Safety

Number 2 Area Approvals. It ensures aircraft remain within the property boundary.

Number 3 reduces the number of pylon offiicials required to conduct the meeting

Flying Neighbourly

To reduce the noise footprint aircraft are required to circle in the milling area, at/or below half throttle until the start of the thirty second count down timer

THE COURSE

This is navigated by dead reckoning. Pylon 1 is adjacent the pilot area for pilots to judge the right hand turn away from themselves. Makes for a better spectacle too.

The 310 metre back straight towards Pylon 2 is angled away to increase horizontal separation as aeroplanes exit Pylon 3 and fly back towards Pylon 1.

Distance between Pylon 2 to Pylon 3 is 60 metres. Two bites at rounding both corners reduces the need for another very tight turn like at Number 1. The 275 metre main straight runs parallel to the runway.

All pylons, startline and sideline will be judged for incursions. (ie Cuts). Traditional pylon marshalls will not be supplied, however, technology such as gyros*, second person view cameras and GPS telemetry to assist is encouraged and allowed. You can have your own flag waver at Pylon 2. Use UHF radio.

MAAA MOPs state mobile phones cannot be used at the flight line.

Scoring System

10,9,8,7,6 (ie 1 point per lap completed

First past the post racing is far more exciting than deducting individual heat times from 300 Points.

Round 1,2,3	Saturday-Racing Starts	12.00
Round 4,5,6	Sunday-Racing Sarts	09.30
Finals	Sunday	14.00

FORMULA 1

Seagull Nemesis or Cassutt ARF

Engine spark ignition petrol
Maximum Capacity 65cc petrol engine
Commercially available propeller
Battery Pack 1700 mAh minimum

FORMULA 2

Seagull Nemesis ARF

Engine spark ignition petrol
Maximum Capacity 35 cc petrol engine
Commercially available fixed pitch prop
Battery Pack 1700 mAh minimum
Minimum servo torque rating 3.5kg/cm*
Maximum static engine RPM 9000

FORMULA E

Seagull Nemesis

Battery - 10S LiPo
Commercially available propeller
RX Battery Pack 1700 mAh minimum
Minimum servo torque rating 6.5kg/cm*

AT-6 TEXAN

20cc - ARF airframes only

20cc glo ignition - methanol nitro
Maximum Capacity 20 cc
Battery Pack 1700 mAh minimum
Minimum servo torque rating 3.5 kg/cm*
APC 15x10 control prop
GloMax 2 stroke 10% nitro
Must have retractable undercarriage

DAS FOKKER STIK

Single engine WW1 monoplane fighter look alike. Scratch built from orginal Phil Kraft plan, enlarged to 72" wingspan
Maximum engine capacity.... 35cc petrol, 26 cc 2 stroke glo, or any YS supercharged single cylinder four stroke
Minimim dimensions are 182 cm wingspan
Miminum fuselage depth at leading and trailing edge - 13cm. Miminum fuselage width at leading and trailing edge - 12cm. Minimum wing thickness - 6 cm. 4 inch wheels, engine cowling of some description, crankcase must be cowled. Flying wires not required. Pilot bust and three instruments mandatory. Commercially available fixed pitch prop
Plan file is available for free download at www.rcmnews.com
Print Cost at Officeworks approx $20

FLYING STANDARD

MAAA Gold Wings is the minimum standard.

F1 & Golden Era competitors must be able to safely navigate the race course below 100 feet agl

F2, F3, Texan competitors are expected to be able to safely navigate the race course not above 200 feet agl

RADIO STANDARD*

2.4 GHz with Australian C Tick or RCM Label as per MAAA MOP 058./3.5 Receiver must be the same brand as TX

* Radio gear without ACMA compliance label not accepted
(Ie, not my problem)

FAILSAFE SETTINGS*

Ignition off - Throttle closed - Engine must stop
Elevator - Neutral
Aileron and Rudder approx 3-5mm to the right - measured at trailing edge
Undercarriage and Flap - Pilot's Choice
* Daily Failsafe Check. Engine start on first heat at flight line.

Failsafe Check Failure

AEROPLANE GROUNDED
*Closed Event
Failsafe test available before next flight.
*Public Event
AEROPLANE GROUNDED
Failsafe test available at the end of the display when the public have left
*Gyro equipped aircraft required to demonstrate a full throttle 45 degree dive
This event is conducted under the FAI and MAAA Sporting Codes
**Advisory Circular means you can rely on these provisional rules not to change