

## WESTERN CANADA CONTROL LINE MULTI ENGINED 1/2A PROFILE SCALE

Purpose: To create an event that is an easy entry into scale models.

### Models:

- (1) A model of any manned heavier than air multi engine aircraft is eligible and model must have profile bodies and tail booms.
- (2) Models of jet or rocket powered aircraft are permitted however they must use internal combustion motors and propellers.
- (3) Engine size shall not exceed .061c.i. or 1c.c. per engine, there is no restriction on how many engines are used. Sorry no electrics!
- (4) Seaplanes may use non-scale devices to assist in take-off and landings with no scoring downgrades.
- (5) No mechanical operations, such as throttle or flap deployment, shall be permitted.
- (6) Flight Judging; Three attempts to make 2 official flights will be allowed. An official flight is one that has progressed through at least one lap of level flight. The final score will be the sum of the two best flight scores.

Flights will be judged and scored on:

Realism and smoothness of flight, 10 laps of level flight, and landing. 0 – 40 points

One point for each level lap, with all engines running, up to 10 laps, immediately following completion of take-off. 0 -10 points

Five bonus points provided all engines are running for the majority of the flight. 5 points

Take-off will include the first airborne lap after the model leaves the ground.

The landing will be accomplished with at least one engine not running.

## 7. Static Judging;

Judging will be based upon documentation furnished by the entrant, and will be done at a minimum distance of five feet from the model. The documentations must be sufficient to allow judges to easily and quickly determine the accuracy of the model regarding its scale outline, color, finish, and marking relative to the full sized aircraft it's model after.

Such documentation will typically consist of an accurate 3 view, or more, drawing of the full scale aircraft. Colored photos and/or published illustrations for judging color, finish, and markings. A maximum four page report in standard 8-1/2 X 11 sizes is all that's required.

Models will be scored on the sum of static judging and flight score.

Static judging points;

Scale outline; side view	0 – 20 points
Plan view	0 – 15 points
End view	0 – 15 points
Accuracy of; color	0 – 10 points
Finish	0 – 10 points
Markings	0 – 10 points
Craftsmanship	0 – 10 points

8. A proxy pilot is permitted if the builder/entrant is physically unable to fly the model.

9. The pull test will be 10 times the weight of the model;

10 M.A.A.C. line diameters will be based upon total combined displacement of engines, safety thong required.