

ALOT - Altitude Limited Old Timer

Entries may be any gas powered model airplane designed prior to 1951.

Motor type maybe any spark, glow, or diesel engine up to .65 cu.in. (10.65 cc) or any type electric motor. Propeller, drive, and power control systems are unrestricted. The battery pack - type, cell number and capacity also unrestricted.

Model must weigh a minimum of 24.4 grams per sq.dm. (8 ozs./sq.ft.) of plan form wing area.

Every model should be installed with such multi-purpose altimeter instrument which is suitable for stopping the electromotor after 90 seconds or at 300 meters depending from which is reached by the model earlier.

The engine restart must be impossible.

The accuracy of the instrument from the local altitude should be 1 m, and the timing accuracy 1 sec.

The instrument must be working automatically and during flying it has to be prohibited to send any information for the pilot or his helper.

The instrument has to be built in the model so, that after the landing it can be easily disassembled for a possible control.

The timing of the model's flight starts from releasing from the hand or the ground, and ends when it first touches the ground. The whole duration of flight is 10 min. = 600 sec. inclusive 90 sec. motor run.

Model's score will be the sum of the three best flights of four 10 minute max flights.