

# SOAR Achievement Award Program

## I. General Rules

- a. Responsibility for administration of the Awards Program shall lie with the Board of Directors of soar, and therewith the Vice-Chairman, Secretary-Treasurer or Committee.
- b. The duties of administration shall be:
  - i. To assure that the Program's rules, dates, (etc.) are published and properly distributed to the soar membership.
  - ii. To assure that contest results and other data pertaining to the program are in appropriate form and correctly tallied.
  - iii. To receive notification of "record flights
  - iv. To receive design details for the Annual Designer's Award and to provide appropriate amounts of these materials for the Membership in the November newsletter.
  - v. To keep a permanent log, this will be passed from one administration to the next, of the achievements of soar members in this program. (A photo record is also considered desirable.)
  - vi. To expedite the engraving of the trophy plaques in October, in preparation for the award presentations at the end of the year.
- c. All soar members shall receive notification of the Award Program and its rules in January, or as soon as they join the club.
  - i. The award program may only be changed once a year, in October, by the awards committee either in whole or in part. Changes must be approved by the soar membership before they become official. January mailings will always contain the changes, if any.
- d. The awards program shall be integrated into the soar club calendar with specific dates (e.g. Speed Trials, Club Contests or Show & Tell of original designs) given for the different milestones of the program.
- e. Record flight in the various categories will be published in each club newsletter as follows: *Flyer – Achievement – Date – Site used*. In addition, the address of the Vice-Chairman or designated administrator will appear in each issue of the newsletter.
- f. The responsibility for notification of any record flight rests with the individual flyer.
  - i. Record flights must be timed from tow release (where task appropriate) but need not be declared at that time.
  - ii. There must be at least one soar member present to act as a timer/witness. On flights of long duration, overlapping timer/witnesses may be used. In this case, only the first and last need sign as witnesses.
  - iii. A communication with the pertinent flight data, date, flyer, achievement and witness will constitute sufficient notification. In the case of ties, the earlier date or starting time if flights are on the same day takes precedence. Such notification is to be made to the Vice-Chairman or designated administrator.
- g. Presentation of trophies occurs at club meetings.

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- i. The awards in each category are to be presented at the December club meeting. These awards are to be kept for one cycle and shall be returned to the club prior to the October meeting to facilitate their preparation for the next award cycle.
- ii. When an award plaque changes hands, the previous owner retains a certificate as a memento of their achievement.
- iii. All plaques will be perpetual types with the names of the winners engraved on the nameplate.

## II. Thermal Duration Rules

- a. All general rules as they apply to duration are to be followed.
- b. A new record is set when the previous record is bettered by
  - i. 10% for flight times of 30-90 minutes
  - ii. 5 (five) minutes for flight times in excess of 90 minutes
- c. The flight must terminate within 300 meters of the launch point and the ship must return intact and shed no parts.
- d. The plaque is awarded to the individual with the longest flight duration at year's end.

## III. Distance Rules

- a. It is proposed that the club pursue a "goal to goal" type of distance record
- b. A new record is set when the existing record is bettered by:
  - i. 1 (one) mile for flight distances of 3.0 to 10.0 miles
  - ii. ½ (one half) mile for flight distances of 10.0 to 20.0 miles
  - iii. ¼ (one quarter) mile for flight distances in excess of 30.0 miles.
- c. Distances are to be measured from the launch point to the landing point.
- d. Aircraft must be non self-propelled.
- e. The plaque is awarded to the individual with the longest distance flight at the end of the award cycle.

## IV. Speed Rules

- a. Speed tasks shall be flown in accordance with the rules set forth for sailplanes in the current AMA Rulebook.
- b. A new record is set when the previous record is bettered by 0.1 seconds.
- c. Due to the nature of the Speed Task, two witnesses shall be required, one witnessing Base A and the other witnessing Base B.
- d. The plaque is awarded to the individual with the fastest flight at the end of the award cycle.

## V. Best Yearly Performance in soar Club Contests

- a. Club contests should be alternated on Saturdays and Sunday so allow maximum participation by club members.
- b. To be eligible and individual must compete in at least four (4) soar contests – whatever the task. A club contest task is validated for consideration under these rules when it has a minimum of five (5) pilots.
- c. Only the four (4) best contest results for each eligible individual, whatever the task flown, will be considered.
- d. Each contest is worth 100 points. The individual receiving the highest score obtains 100 points, all other contestants receive a percentage of that

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score according to the formula:

$$(\text{Individual raw score}/\text{Winner's raw score}) \times 100 = \%$$

- e. The year's winner is determined by dividing the sum of the individual percentage scores by 4. The individual with the highest average percentage is the recipient of the trophy. In the case of a tie, the highest average percentage score for five (5) contests will decide the winner.

### **VI. Annual Design Award (for whole Sailplanes only)**

- a. Only an original design, built and flown by the designer themselves, is eligible.
- b. When the builder has completed the ship, they must submit a 3-view drawing together with data sheets describing the design.
- c. The builder must state the purpose of their design on the data sheets. The purpose may range from an easily built and flown beginner's ship to an all out special purpose machine for duration, distance and speed. Scale ships are not eligible.
- d. Each ship will be judged by club members at the November club meeting in the light of the builder/designer's objectives and in its success in achieving the stated objective. Thus, speed ships will be judged as speed ships, distance ships as distance ships, etc.
- e. At the November meeting, all eligible ships (those officially entered prior to November 1<sup>st</sup>) shall be presented in the Show & Tell session. In that month's newsletter, the data sheets for all ships and a performance record of each will appear. The designers will each be allotted a maximum of 15 minutes to present their ships to the club members. If the designer is unable to attend the meeting, they may assign a proxy to make the presentation.
- f. A secret ballot shall be taken at the November meeting, after the presentation of all eligible ships. The winner shall be determined by having received the highest number of ballot points. In the event of a tie, a second ballot between the ships concerned shall be taken.
- g. The plaque will be awarded to the winner during the December club meeting and will be retained until next November, when it is again in contest to be retained or relinquished.

### **VII. Slope Duration Rules**

- a. A slope duration flight commences with either a simple hand launch or release from the end of a towline, the length of which shall not exceed 300 meters. The flight shall be deemed a slope duration flight if, in the opinion of the pilot and witness, the lift being used to remain aloft is primarily attributable to wave action or winds blowing upslope on a ridge, cliff, hill, wall, etc.
- b. A new record is set when the previous record is bettered by:
  - i. 10% for flight times of 30-90 minutes.
  - ii. 5 minutes for flight times in excess of 90 minutes.
- c. Termination must be with a landing within 200 meters (656.2 feet) of the launch point, with the ship remaining intact and having shed no parts.

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- d. The plaque is awarded to the individual with the longest flight duration at year's end.

### **VIII. Budget**

- a. The awards necessary for the administration of this program shall be funded out of the soar club treasury. This will include the purchase of plaques with replaceable engraving plates and the cost of engraving these plates as well as costs involved in their maintenance, as may be periodically required.