

The £5,000 Kremer competition

This page contains some notes on the £5,000 (five thousand pound) Kremer competition, the document proper starts on the next page.

The competition was offered as something easier to win than the full Kremer prize for the figure of eight course and was designed to encourage progress in the field of human powered flight towards it.

The regulations were first issued in 1967, my earliest copy is dated the first of November 1974, those previous regulations differed only in sections 3, 4.3.1 and 5.6 and the references at the beginning of the document before the start of the regulations proper originally mentioning the British Light Aviation Centre where AOPA now is.

The competition was eventually withdrawn and as far as the author knows there were no entrants.

Please note that the competition is for man powered flight and not human powered flight so excluding half the population of the world. This has since been corrected.

While efforts were made to duplicate the look and style of the original document, the original was printed on pink paper.

Please note that inflation means that the current value would be much more and also that the exchange rate will have changed since then.

Please note the telephone number for RAeS is now +44 (0)20 7670 4345 and their web site address is <http://www.raes.org.uk>. The RAeS HPAG web site address is

http://www.raes.org.uk/cmspage.asp?cmsitemid=SG_Hum_Pow_Home

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Man Powered Flight

Regulations and Conditions

for

THE £5,000 KREMER COMPETITION

September 1976

THE ROYAL AERONAUTICAL SOCIETY

4 HAMILTON PLACE LONDON W1V 0BQ

01-4993515

THE ROYAL AERONAUTICAL SOCIETY

Man Powered Flight

Prizes totaling £5,000 have been offered by Mr. Henry Kremer for a successful controlled flight of a Man Powered Aircraft designed, built and flown within the British Commonwealth under conditions laid down by the Man Powered Aircraft Group of the Royal Aeronautical Society. The official observers will be selected from a body approved by the Royal Aeronautical Society and the Aircraft Owners and Pilots Association.

The Regulations and Conditions governing the award, which is to be known as the £5,000 Kremer Competition, are as follows.

This Compton shall be conducted by the Aircraft Owners and Pilots Association (AOPA) under the Regulations and Conditions laid down by the Royal Aeronautical Society (RAeS).

REGULATIONS

1. GENERAL

The prizes will be awarded to the first three entrants who fulfil the conditions.

2. PRIZES

The prizes are:

First £2,500; Second £1,500; Third £1,000.

3. ELIGIBILITY

The entrant, designer and pilot must be citizens of the United Kingdom or the British Commonwealth. The aircraft must be designed, built and flown within the British Commonwealth. Rights of appeal will be governed by the Competition Rules of the AOPA and the Sporting Code of the Fédération Aéronautique Internationale (FAI).

4. CONDITIONS OF ENTRY

4.1 Aircraft

- 4.1.1 The machine shall be a heavier-than-air machine.
- 4.1.2 The use of lighter-than-air gases shall be prohibited.
- 4.1.3 The machine shall be powered and controlled by the same crew over both parts of the flight.
- 4.1.4 No devices for storing energy either for take-off or for use in flight shall be permitted.
- 4.1.5 No part of the machine shall be jettisoned during any part of the flights including take-off.

4.2 Crew

- 4.2.1 The crew shall be those persons in the machine during take-off and flight, and there shall be no limit set to their number.

- 4.2.2 No member of the crew shall be permitted to leave the aircraft during take-off or while it is in flight.

- 4.2.3 One handler or ground crew shall be permitted to assist in stabilising the machine during each take-off, but in such a manner that he is unable to assist in accelerating the machine. The machine may be manually turned on the ground by the ground crew before the return flight.

4.3 Ground Conditions

- 4.3.1 All attempts, which shall include the take-off run, shall be made over approximately level ground (i.e. with a slope not exceeding 1 in 200 in any direction), and on a course to be approved by the AOPA or its authorised representatives.

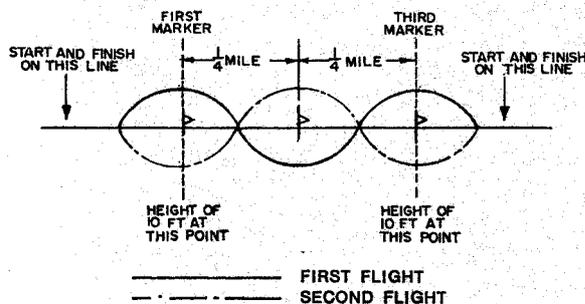
- 4.3.2 All attempts shall be made in still air, which shall be defined as a wind not exceeding a mean speed of approximately 10 knots, over the period of the flight.

4.4 Course

- 4.4.1 The course shall consist of two flights in opposite directions, each including three turns -made around three markers spaced at intervals of a quarter of a mile in a straight line. The starting point shall be on the extension of the line of the markers and may be as near to the first marker as the competitor wishes.

- 4.4.2 The course must be completed in both directions within an elapsed period of one hour from the start. The finishing line in each case shall be an extension of the line of the markers.
- 4.4.3 The machine shall be flown clear of and outside each marker, with the turn round the central marker to port in one direction and to starboard in the other.
- 4.4.4 The height of the machine above the ground shall be not less than 10 feet when passing the first and third markers; otherwise there shall be no restriction as to height, but after each take-off machine must remain in continuous flight until the finishing line at the opposite end of the course is crossed.

PLAN OF ATYPICAL COURSE



4.5 Observation

Every attempt shall be observed by the AOPA or by any body or persons authorised by them to act as observers. It may take place in the Competitor's own country if it is affiliated to the FAI. In a country not so it could be advantageous to fly the course in a neighbouring country which is so affiliated.

5. APPLICATION FOR ENTRY

- 5.1 Entry Forms shall be obtained from, and returned to The Secretary, Man Powered Aircraft Group, The Royal Aeronautical Society, 4 Hamilton Place, London W1V 0BQ.
- 5.2 The entry fee shall be £1 (made payable to the Royal Aeronautical Society), which shall be refunded upon the attempt taking place.
- 5.3 Each entry form shall contain an application for Official Observation of the competitor's attempt
- 5.4 The entrant shall undertake to abide by the conditions for Official Observation as set out on the entry form and shall undertake to defray all expenses incurred in connection with the Official Observation of the attempt

5.5 Final notice of the proposed time and place of the attempt requiring Official Observation may, if so wished, be sent to the RAeS later than the Entry Form. It must in all cases be received at least thirty days before the proposed date for the attempt. This time is required by the AOPA to arrange for Official Observation. Applications will be considered in order of receipt.

5.6 The Entry Form or the final notice of the attempt must be accompanied by the sum of £15, made payable to the AOPA.

5.7 Competitor's Annual Licence

This licence is required for all pilots taking part in the Kremer Competitions. It is not required for other flights. Application forms may be obtained as in paragraph 5.1.

6. GENERAL CONDITIONS

6.1 Insurance

The entrant must take out on behalf of himself, his pilot(s), crew, representatives or employees, an adequate insurance to indemnify the RAeS against any claims. Evidence that such insurance has been effected must be produced to the Official Observers before the attempt.

6.2 Eligibility

In any question regarding the acceptance of entries, eligibility of entrant, pilot, crew or aircraft under these Regulations, the decision of the RAeS shall be final.

6.3 Supplementary Regulations

The RAeS reserves the right to add to, amend or omit any of these regulations and to issue **Supplementary Regulations**.

6.4 Interpretation of Regulations

The interpretation of these Regulations or any of the Regulations hereafter issued shall rest entirely with the RAeS. The entrant shall be solely responsible to the Official Observers for due observance of these Regulations and shall be the person with whom the Official Observers will deal in respect thereof, or any other question arising out of this Competition.

6.5 Revision of Regulations

These Regulations shall remain in force until such time as the RAeS considers it necessary to amend them, or until the prizes have been won.