



FÉDÉRATION AÉRONAUTIQUE INTERNATIONALE

AMATEUR-BUILT & EXPERIMENTAL AIRCRAFT COMMISSION
C.I.A.C.A.
COMMISSION INTERNATIONALE DES AMATEURS CONSTRUCTEURS D' AERONEFS

CASI MEETING 2010

Attachment A12-2

Caselle (Italy) August 12th, 2010

To: Mr. Jack Humphreys , FAI Vice President for Canada.
Copy: Messrs. Henk Meertens, President FAI-CASI
Marcel Meyer, FAI Executive officer, records
Jean-Marc Badan , FAI Air Sport Director

Subject : **First man-powered ornithopter flight**

Dear Mr. Humphreys,

first of all let me congratulate for this interesting achievement that again demonstrates, among others, the well known canadian specific know-how in the matter of flapping wing flight.

CIACA (The FAI Amateur-built and Experimental Aircraft Commission) have been chasing this subject for many years, in particular by keeping a long-lasting dialogue with professor De Laurier. He, as you certainly know, has done a lot of work in the field of (motor-powered) ornithopter. I have had the pleasure to present the video of the first short flight of his Ornithopter in the course of the General Conference of FAI 2003 (see enclosed file extracted from my presentation). In preparation of the FAI World Air Games 2009 we had even discussed with prof. De Laurier about the possibility to present in Turin his Ornithopter as a star, but unfortunately this was not possible for economical reasons.

CIACA, as you probably know, is a FAI technical commission which takes care of amateur-built as well as of experimental aircraft, which include also several kind of innovative machines. We have encouraged the development of a significant growing of the solar-powered aircraft technology by producing the FAI relevant section of the sporting code and we are now close to issue the section for electrically-powered aeroplane. This promotional and technical activity is possible because most delegates in our commission are engineers or, in any case, expert in aircraft designing, building and testing. But it is also the result of a continuous monitoring of the technological trends and initiatives that our delegates observe in their countries. When we understand that a new technology is mature for initial performance, we normally undertake the work of preparing the required technical reference documents .

Unfortunately, since years, no Canadian Delegate is nominated within the CIACA any longer and we are not sufficiently aware of the progresses of your Country in the field of experimental aircraft (including ornithopter) . Therefore I am pleased to take this opportunity to warmly encourage you to look for a qualified person to act as delegate in the CIACA and to re-establish proper contacts with our community (it does not matter if your delegate will not be able to join all our meeting (that normally take place in Europe), but it is important that we keep in contact with him/her).

As far as your application for a record recognition is concerned, I have read the exchange of messages with Henk Martens (CASI Chairman) and Marcel Meyer (FAI Executive officer, records) who are formally the proper persons to deal with in this phase (in fact, being CIACA, so far, a Technical commission, when we deal with the sporting code, we officially do it on behalf of CASI).

It is clear, in my opinion, that a specific Sporting code section for ornithopters or a modification of the existing (man-powered aircraft) section 11 shall be made available for this kind of innovative flying machines, but this requires a suitable technical assessment and would take time..

I can assure you that CIACA are very interested in this subject and are willing to contribute. We will keep in contact with the relevant colleagues within FAI and, as far as possible, we will help in this respect.

Best regards

Pierluigi Duranti
CIACA president