

MODIFICATION TO GS PROPOSED BY THE CIG

CIG wishes to amend, with some haste, a part of S9 dealing with records. This will have an effect on the current Absolute Records. Before we can do this, two small amendments to the GS are required. Hopefully this can be done by your Bureau.

There is a new helicopter type that does not fall into the current format. It is known as a 'compound helicopter'. A simple explanation of a rotorcraft (helicopter) is that lift and thrust come solely from the rotor(s) situated perpendicularly to the longitudinal axis of the rotorcraft.

The advice on the definition comes from the technical developers. I had this verified by the Royal Aeronautical Society who are one of the oldest in the field of Aircraft Engineering and Design.

There are at least three leading Companies involved in this new helicopter advancement. Two aircraft in this category have already flown.

The compound helicopter is a rotorcraft which in flight and at slow speed derives the substantial proportion of its lift from its rotor system but at speed can generate lift and longitudinal thrust from a suitable combination of rotary wing, fixed lifting surfaces and auxiliary propulsor be it propeller or jet thrust.

This type of rotorcraft, there are already several in the course of advanced development, will lift Absolute Records substantially.

What we consider is necessary is an amendment to the GS to cover this is as follows:

1. 1.4. FAI International Air Sport Commissions

Under Rotorcraft there are currently 3 classifications. We request that under Helicopters you add another "Compound Helicopters" making 4 in number.

2. 2.2.1.5. after 'Helicopter' and before 'Tilt Rotor' the following

should be inserted:

Compound Helicopter: A rotorcraft which in flight, and at slow speed derives the substantial proportion of its lift from a rotary wing system but at speed can generate lifting and longitudinal thrust from a suitable combination of rotary wing system, fixed lifting surface(s) and auxiliary propulsor(s).

Once, and only when these form part of the GS can we amend S9 and allow these record attempts to take place.