

FEDERATION AERONAUTIQUE INTERNATIONALE

NOMINATION FORM

THE ANTONOV DIPLOMA

(for technical innovation(s))

From NAeC : Royal Aero Club of the United Kingdom
(on behalf of the British Model Flying Association)

Date: 12th November 2007

Address : RAeC: Radford Barn, Radford Semele,
Leamington Spa, Warwickshire, CV31
1UT, UK

BMFA: Chacksfield House, 31 St Andrews
Road Leicester, LE2 8RE

Country : United Kingdom
(only one person from a country may be nominated annually by that candidate's National Aero Club)

Name of Nominee : Paul Beard

Address : c/o Horizon Hobby UK Ltd
Units 1-4 Ployters Road
Staple Tye, Southern Way
Harlow, Essex, CM18 7NS

DESCRIPTION OF TECHNICAL INNOVATION(S) - Please Print

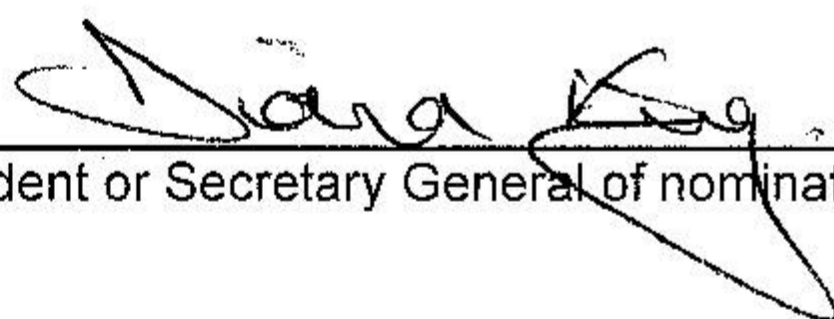
Every now and then a person or product comes along, that changes the way we do things forever. In this instance it is in the field of radio control aeromodelling that things have changed in a radical way.

In 1995 Paul was working on spread spectrum radio systems for remotely checking in Hertz rental cars. The idea to re-deploy some of the components to put together a radio control system came at this time. In essence the system worked but had unacceptable fade problems which took a further seven years to overcome. During this time Paul worked hard to design and develop a viable and affordable spread spectrum radio link for radio controlled models. The time and money investment was enormous, but the prospect of improving the safety of radio control for modellers was a huge motivator, and by 2003 he had a viable prototype.

Paul and Horizon Hobby USA first came together in a working relationship in 2004 and further development of the system saw the first commercially available 2.4Ghz Spektrum systems introduced to radio control car and boat users. These were quickly followed by the introduction of a 7-channel system for aeromodellers. Introduction of the Spektrum system served to kick start the 2.4GHz revolution for model use.

The introduction of 2.4Ghz technology to aeromodellers around the world has provided several benefits, the most significant being that it has removed the risk of being "shot down". To that end every aeromodeller is indebted to Paul Beard.

NAeC Signature


(President or Secretary General of nominating FAI National Aero Club)

Secretary General
Royal Aero Club

(must be submitted to the FAI Office by November 15)