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2 November, 2011

Mr. Jean-Marc BADAN  
Secretary General  
Fédération Aéronautique Internationale

**Nomination for The Frank Ehling Diploma**

Dear Mr. Jean-Marc BADAN,

Japan Aeronautic Association nominates Mr. Tsuneo HATTORI for The Frank Ehling Diploma, award for aeromodelling.  
Please find attached the document for details.

Yours sincerely

Itsuko TOKUNAGA  
Manager  
JAPAN AERONAUTIC ASSOCIATION

# FEDERATION AERONAUTIQUE INTERNATIONALE

## NOMINATION FORM THE FRANK EHRLING DIPLOMA

(For outstanding accomplishment, by an organisation or individual, in connection with the promotion of aviation through the use of flying models)

From NAC: Japan Aeronautic Association Date : 2 November, 2011

Address : 1-18-1, Shimbashi, Minato-ku, Country : Japan

Tokyo , 105-0004

(only one person from a country  
may be nominated annually by  
that candidate's National Airsport  
Control)

Name of Nominee : Tetsuo HATTORI

Address : 2-85, Nishiki, Kanie-cho, Ama-gun, Aichi, 497-0054, Japan

### FULL INFORMATION ABOUT THE CANDIDATE'S ACTIVITIES UP TO 31st DECEMBER OF THE PRECEDING YEAR - Please Print

Mr. Hattori has started to build model airplanes when he was 14 years old. The noise of model planes with engines became the social problem in the 1970s because residential land increased rapidly in Japan but many model engine manufacturers considered the muffler is one of the accessories of engines and it makes the power down of engine. He thought that muffler of the model aero-engine was important with coexistence of model planes with engines and the general public. He started the research and development of muffler got enough silence effects from with performance of engines of each manufacturer. He began to manufacture and sell the muffler for exclusive use of the model engine in 1974. The muffler production of aluminum had difficulty in mass production in those days because of many processes of the manual labor. Mr. Hattori planned all automatic TIG welding, machine abrasion, improvement and efficiency of the work process. When Hattori model Ltd. was established in 1984, it produced 8,000 mufflers a year. It produces 30 kinds or more now, from a small engine of 5cc to a large-sized of 55cc. The Hattori muffler is highly evaluated by model lovers of the whole world and is necessities for all the participation players of the Japan championship and the world championship of F3A, F3C.

As for the reduction of the environmental problem by the noise decline of the model airplanes with engines in the whole world, it becomes a big driving force of each coexistence development with the area of the model plane in the general public.

NAC Signature Nobuyuki SATO

Nobuyuki SATO  
Secretary General  
Japan Aeronautic Association