

KT200: an experimental autopilot drone below 200 grams

*Kei Tanaka¹, Takashi Nakata²

1.Japan Map Center, 2.Prof. Emeritus, Hiroshima Univ.

UAV (Unmanned Aerial Vehicle) has become very popular in these days and improper use of UAV has become an object of public concern. As a result, the Civil Aeronautics Act is amended, and flight of UAVs over 200 grams is restricted. In order to take low-altitude air photos for research purposes without being mindful of restrictions, we assembled an experimental autopilot drone below 200 grams using commonly available parts in the market, and successfully carried out its maiden flight.

Keywords: Unmanned Aerial Vehicle, Civil Aeronautics Act, below 200 grams, KT200