

UNMANNED AIRCRAFT

Abstract

5 Provided is an unmanned aircraft which has uniform lift and the overall airframe
dimensions of which can be made small. This unmanned aircraft is provided
with four propeller shafts jutting horizontally along diagonals from the airframe,
and four propellers constituted from twin blades having folding mechanisms.
Engine rotation is transmitted to the propellers by gears. The unmanned aircraft
10 is characterized in that: all of the propellers are at the same height from the tip
end of the propeller shafts; the rotational ranges overlap those of the neighboring
propellers; the mounting angles are set 90 degrees off from those of the
neighboring propellers; and the rotational directions are mutually opposite from
those of the neighboring propellers.

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(Figure 1)