

The invention relates to aircraft equipment and can be used for manufacture of helicopter rotors. An air motor comprises primary and secondary upper rotors, as well as primary and secondary bottom rotors, whose blades are attached to solid and hollow shafts. The blades of primary and additional rotors are paired and installed at an angle of 10-30° relative to the axis of shafts with possibility of change of the rotor pitch. The ends of paired blades are joined by a common ring. The drive mechanism of the engine is mounted on the hollow shaft with possibility of movement. The disclosed air motor provides increased lift and eliminates overshoot of the blades.