

# Visual flight helicopter principle – Since stone age unchanged



## The dragonfly as an extraordinary flying machine

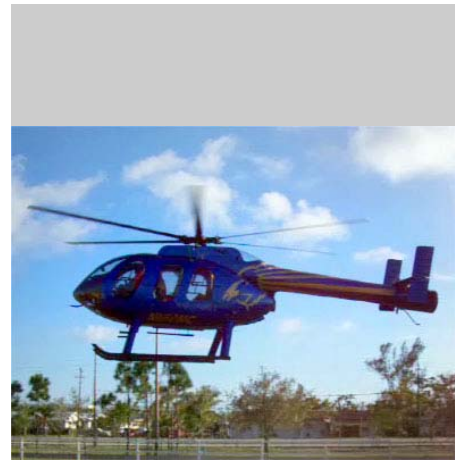
The dragonfly has two well-developed compound eyes, which exist of approximately 30'000 single eyes. The upper part of the eyes is for clear vision, the lower part is for close vision. The dragonfly is able to rebuild its vision 175 times per second. It can perceive movements up to 40 m ahead. Between the compound eyes there are three small simple eyes, which give the dragonfly balance and control for quick aircraft movement.

The long tail built out of different segments guarantees a high flight stab



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