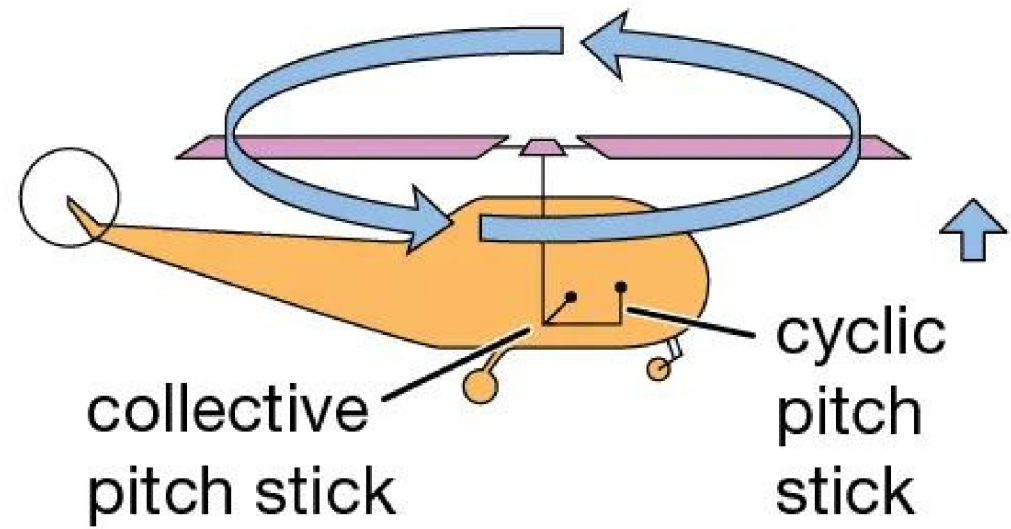


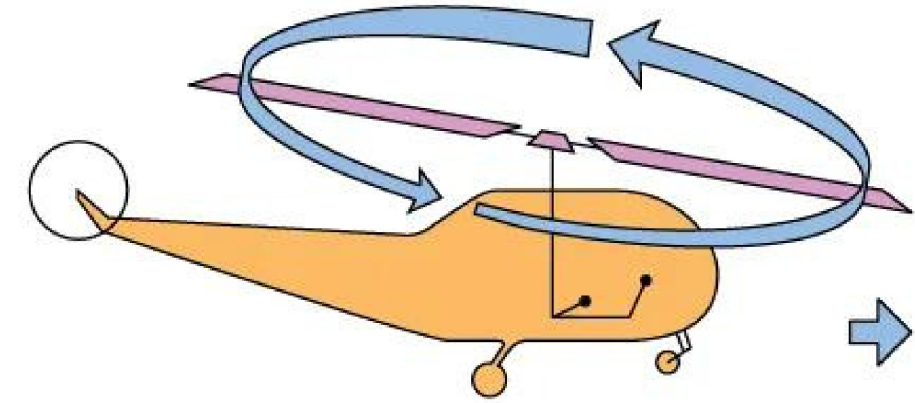
up

all blades at
same pitch



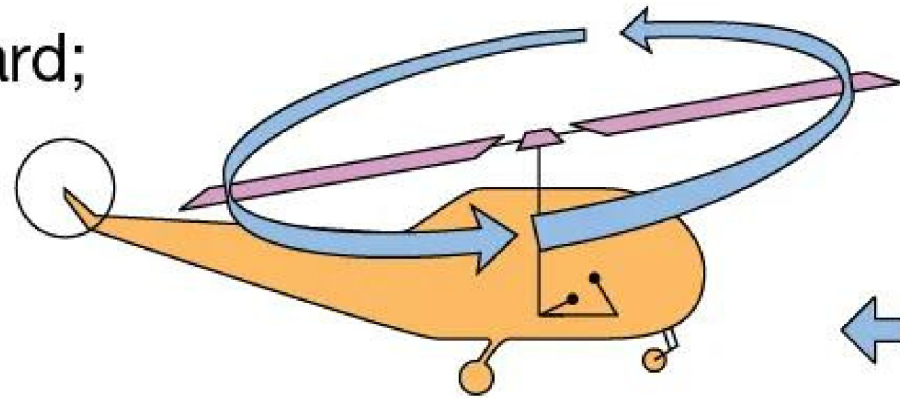
forward

rotor tilts forward;
blades get more
pitch on way
toward tail



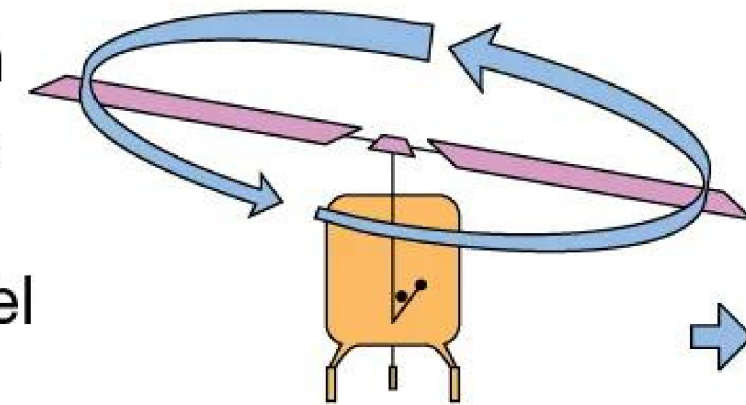
backward

rotor tilts backward;
blades get more
pitch on way
toward nose



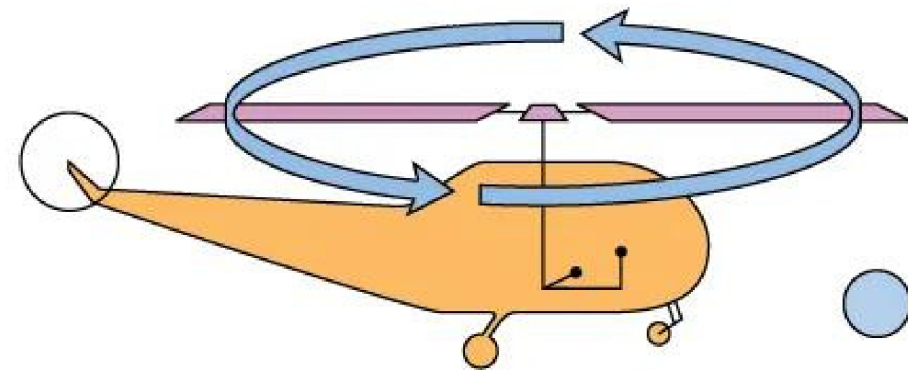
sideways

rotor tilts toward direction
of travel; blades get more
pitch on way toward side
opposite direction of travel



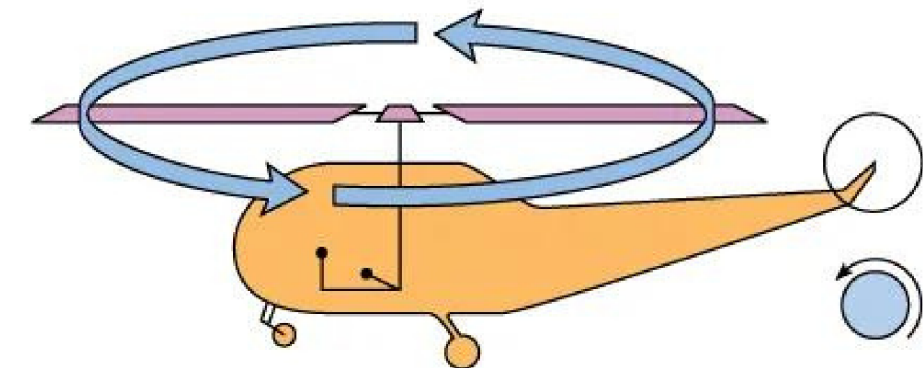
hover

all blades at
same pitch



turn

helicopter hovers;
pitch of tail rotor
blades swings craft



down and autorotation

all blades at low pitch

