



The root end of the blade, reinforced with doublers and grip plates, is secured to the blade grips by a retaining bolt. The grip plates extend inboard beyond the retaining bolt to a blade latch mechanism. This mechanism constrains the lead-lag motion of the blade. Trim tabs are located on the outboard trailing edge for tracking adjustment.

For the pilot, additional significant advantages of the JetRanger's two-bladed, semirigid rotor include:

-- No Control Loss With Stall:

The onset of retreating blade stall does not induce pitching moments as in articulated rotors.

-- Low Gust Sensitivity:

High kinetic energy reduces the effect of turbulence.

The flap restraint prevents excessive flapping that may occur during startup and shutdown under gusty wind conditions.

