



GYROPLANE TAXI ROTORS STOPPED



CONDITIONS: WIND BLOWING OR CALM

**Cyclic: Full Forward / Locked
(hand on cyclic)**

Taxi speed: Slow

- ❖ **CAUTION: Taxi with rotors stopped when wind exceeds 15 MPH**
- ❖ **It is critical to maintain rotor RPM between**
- ❖ **"120-140 RPM" when taxiing with rotors turning.**

STARTING OR STOPPING ROTORS

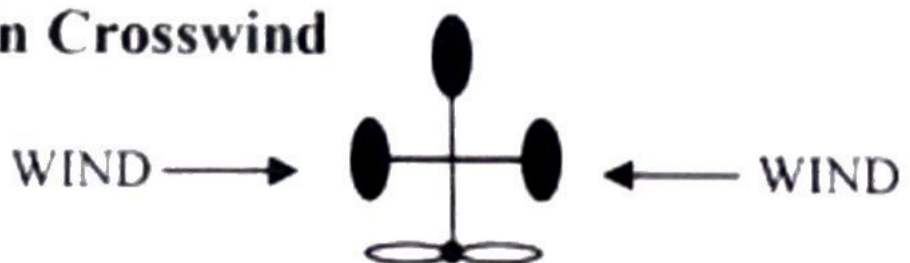
CONDITIONS: WIND EXCEEDING 15 MPH

**Cyclic: Full Forward
Position with tail into wind**



CONDITIONS: WIND 5-10 MPH (CROSSWIND)

**Cyclic: Full Forward
Position in Crosswind**



CONDITIONS: WINDS CALM

Cyclic: Full Forward

- ❖ **Apply rotor brake when RPM decreases to 50 RPM.**
- ❖ **Apply pre-rotator until minimum taxi RPM is reached.**

GYROPLANE TAXI ROTORS TURNING

CONDITIONS: WIND CALM

Cyclic: Full AFT / Centered Laterally
(hand on cyclic)

Taxi speed: To maintain Rotor RPM
Pre-rotate if needed

CONDITIONS: TAILWIND 5-15 MPH

Cyclic: Full AFT / Centered Laterally

Taxi speed: Slow

Pre-rotate if needed

CONDITIONS: HEADWIND 5-15 MPH

Cyclic: Full AFT / Centered Laterally

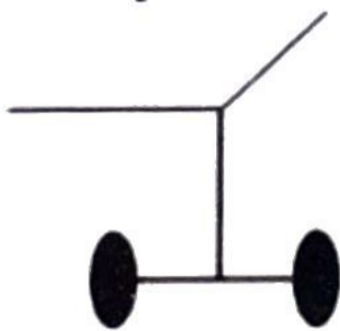
Taxi speed: Slow

Slightly forward cyclic and reduce
throttle to reduce rotor RPM and/or
increase forward taxi speed.

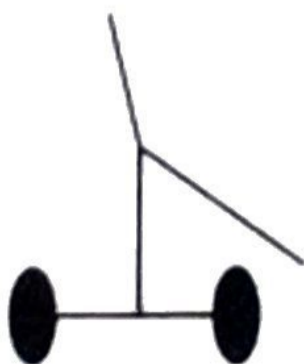
CONDITIONS: CROSSWIND 5-15 MPH

Cyclic: Full AFT

Taxi speed: Slow



← **WIND TO INCREASE
ROTOR RPM**



← **WIND TO DECREASE
ROTOR RPM**

**CAUTION: DO NOT TILT ROTORS LEFT OR
RIGHT IF ROTOR RPM IS IN EXCESS OF 150 RPM**
