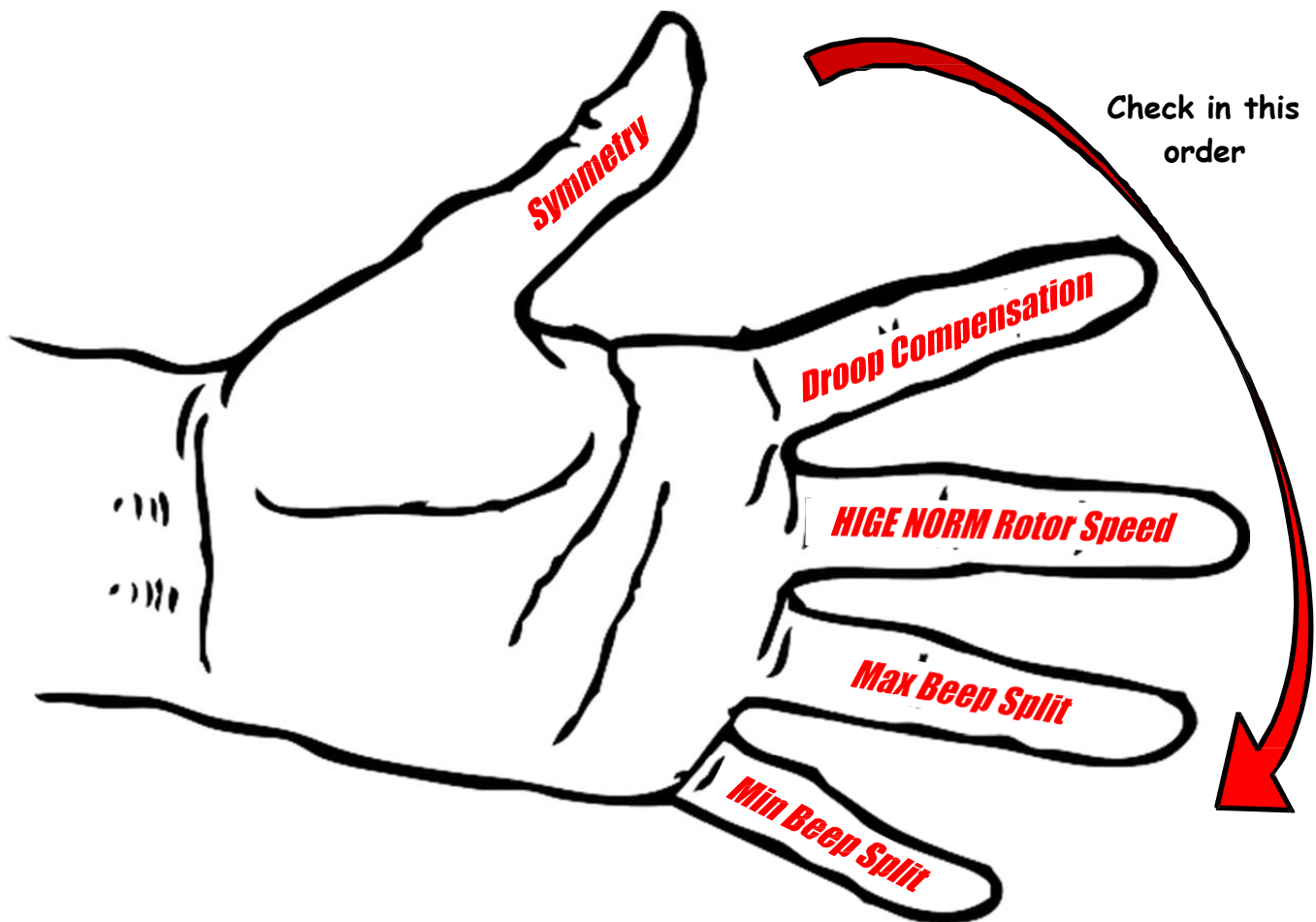


VARTOMS Rules of Thumb

The VARTOMS system is based around 5 basic rigging parameters. If these 5 parameters are within limits of the respective AMM 05-60-00, 6-10 Ground and Flight Check Procedures (for Type 1 or Type2), then the remaining functions/checks should automatically fall into place. VARTOMS relies on these 5 settings to be mechanically adjusted and then the control box can adjust for all other operating conditions. Use the tolerances in the procedures to compensate for any irregularities.

- 1) Engine Symmetry – ensuring both engines will share the loads equally when in MAN mode
- 2) Droop Compensation – ensuring that there is the correct amount of Nr increase (~4%)
- 3) HIGE Nr – “NORM” Rotor Speed in a hover is set to 101% +/- 0.2%
- 4) Max Beep Torque Split – #2 must be higher than #1 by approximately 10-15%
- 5) Min Beep Torque Split – #2 must be lower than #1 by approximately 10-15%



If these 5 items are within limits and there are no deficiencies with airframe or engine components, then VARTOMS will function properly