### MICROLIGHT AIRCRAFT TYPE RATING CHECK LIST

#### OPERATION OF AIRCRAFT SYSTEMS

- primary flight controls and trim
- electrical systems: layout and management
- avionics: purpose and location of all components
- carburetor heat: if fitted
- fuel system: layout and management

#### PERFORMANCE LIMITATIONS

- stall speed – landing configuration (Vso)
- never exceed speed (Vne)
- maximum manoeuvring speed (Va)

#### WEIGHT AND BALANCE, LOADING

- Demonstrate a thorough understanding of the weight and balance data applicable to the aircraft. In particular any MTOW limitations, passenger or baggage placement requirements need to be discussed and checked out with the candidate.

#### PRE-FLIGHT INSPECTION

- confirm currency of permit to fly and validation sticker
- thoroughly inspect the aircraft, focussing especially on those items listed by the manufacturer

#### ENGINE STARTING AND RUN-UP

- Complete the engine start, warm-up, run-up, and system checks in accordance with the aircraft flight manual or an appropriate alternative procedure.

#### FINAL HANDLING DEMONSTRATION

- aircraft ground handling
- engine and throttle handling
- correct handling of all aircraft systems e.g. adjustable propeller, retract landing gear etc.
- appropriate climbout and approach angles

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