



## SAC MICROLIGHT HIGH PERFORMANCE TYPE RATING

### ASSESSMENT SHEET

Pilot Name: ..... Aircraft Type: .....

This assessment may be oral or written. The Instructor will determine which.  
 If certain items do not apply for the particular aircraft type denote these as **N/A**

| <b>GROUND</b>  |  |  |  |
|--|--|--|--|
| Where are the aircraft documents located e.g. Flight Permit, Flight Manual, Required Placards                |  |  |  |
| When does this aircraft's Annual Condition Inspection expire   |  |  |  |
| Gross weight of aircraft Kg  |  | Empty weight of aircraft Kg                            |  |
| Capacity of luggage locker in Kg   |  | Capacity of fuel tank(s) Ltr                           |  |
| Location of fuel tank drain(s)   |  |  |  |
| Location of fuel filter drain(s)   |  |  |  |
| Location of fuel tank breather(s)  |  |  |  |
| Useable fuel Ltr   |  | Fuel grade and octane rating                           |  |
| Fuel consumption at cruise   |  | Oil Capacity max. and min.                             |  |
| Fuel consumption training  |  | Oil grade and type                                     |  |
| Location of pitot head   |  |  |  |
| Location of static port  |  |  |  |
| Maximum permissible engine RPM   |  | Horsepower rating of engine                            |  |
| Idle RPM   |  | Max allowable mag drop                                 |  |
| RPM for run-up checks  |  | Cruise RPM @ 3000ft                                    |  |
| Aircraft Max. permissible $V_{NE}$   |  | Maximum flap speed $V_{FE}$                            |  |
| Max manoeuvring speed $V_A$  |  | Max Rough Air speed $V_{RA}$                           |  |
| Best Rate of Climb speed   |  | Normal climb speed                                     |  |
| Best glide speed   |  | Normal approach speed                                  |  |
| Maximum crosswind speed  |  | Short field approach speed                             |  |
| Stall speed no flaps (MAUW)  |  | Stall speed full flaps (MAUW)                          |  |
| Should Carburettor Heat be applied before the throttle is closed   |  | Should Carburettor Heat be applied on Take-off         |  |
| How many circuit breakers/fuses are there  |  | Can the circuit breakers be reset in flight            |  |
| Location of aircraft battery   |  |  |  |
| Location of first aid kit  |  |  |  |
| With full fuel tank(s), oil, and two 75kg persons is the aircraft within Centre of Gravity and weight limits |  | What are the Centre of Gravity limits, Forward and Aft |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

| FLIGHT                            |  |                              |  |
|-----------------------------------|--|------------------------------|--|
| Preflight Inspection              |  | Aircraft Ground Handling     |  |
| Cockpit Checks                    |  | Engine & Throttle Handling   |  |
| Climb-Out & Approach Angle        |  | Circuits and Overshoots      |  |
| Sudden Engine Failure on Take-Off |  | Minimum Height Loss Stall    |  |
| Wing Drop Stall & Recovery        |  | Forced Landing without Power |  |
| Landings - Normal/Precision       |  | Landings - Without Power     |  |
| Short Take-off and Landing        |  | Use of Flap/Sideslipping     |  |
| Traffic Awareness & Lookout       |  | Overall Airmanship           |  |
| <b>Tailwheel aircraft</b>         |  |                              |  |
| Ground handling                   |  | Taxiing in crosswinds        |  |
| Torque Effects on Take-off        |  | Crosswind Landings           |  |
| <b>Seaplanes/Amphibians</b>       |  |                              |  |
| Water handling                    |  | Taxiing in crosswinds        |  |
| Torque Effects on Take-off        |  | Crosswind Landings           |  |
| Assessment of tide & water state  |  | Sailing                      |  |
| Water emergencies                 |  | Overall Seamanship           |  |

**Notes:**

The candidate has been examined against the criteria for this aircraft type and has been:

**SUCCESSFUL      UNSUCCESSFUL** (strike out one)

Signed: \_\_\_\_\_ SAC ATO/Instructor # \_\_\_\_\_

Date: \_\_\_\_\_

Type Rating Statement entered in pilot logbook and signed:      **YES   NO**

**ATO/INSTRUCTOR**

Copy to SAC Headquarters for Pilot's Personal File.

**SAC Administration**

Entered on pilot's personal file:

Signed: \_\_\_\_\_

Date: \_\_\_\_\_