

# T6 Harvard Checklist

Neil Oakman Rev 300320

| Pre Start Checks        |                                | Rev 6 |
|-------------------------|--------------------------------|-------|
| Battery Switch          | On                             |       |
| Fuel Contents           | Check                          |       |
| Fuel Switch             | Left Tank                      |       |
| Undercarriage Down      | 2 Green Lights                 |       |
| Fuel Wobble Pump        | Operation and Pressure         |       |
| Controls                | Full and Free in correct sense |       |
| Pitch Lever             | Fully Back                     |       |
| Mixture                 | Rich                           |       |
| Prime                   | 5-Cold 2 Hot                   |       |
| Throttle                | 1" Open                        |       |
| Mags                    | Off                            |       |
| Starter Pedal Push      | Engage Starter                 |       |
| 4 Blades (Two Turns)    | Mags On                        |       |
| Idle 600 RPM            | Oil Pressure 40 PSI            |       |
| Pitch                   | Set Fine                       |       |
| Fuel                    | Left Tank                      |       |
| Warm Up                 | 1000 RPM                       |       |
| After Start             |                                |       |
| <b>Generator</b>        | <b>On</b>                      |       |
| Oil Pressure            | Rising                         |       |
| Mags                    | Check / Dead cut               |       |
| Artificial Horizon      | DI                             |       |
| Suction                 | Rising                         |       |
| Flaps Up                | Check Pressure                 |       |
| Radios                  | On                             |       |
| Accelerometer           | Reset                          |       |
| Power Checks            |                                |       |
| Aircraft into wind      |                                |       |
| Brakes                  | Fully ON                       |       |
| Fuel Switch             | Right Tank                     |       |
| Control column          | Hard Back                      |       |
| Oil Temp                | Min 40c CHT 120 c              |       |
| Oil Pressure            | 70-90 PSI                      |       |
| Set 1600 RPM            |                                |       |
| Generator Warning Light | Out                            |       |
| Cycle Prop              | 2 x Cold 1 x Hot               |       |
| 2000 RPM                | MP 22"-28"                     |       |
| Brakes                  | Holding                        |       |
| Mags Check              | 100 RPM Max                    |       |
| Carb Heat Check         | Handle Locked Cold             |       |
| Oil T's and P's         |                                |       |
| Suction 3"-5"           |                                |       |
| Idle Approx 600 RPM     | Reset 1000 RPM                 |       |

| Before Take Off       |                               |
|-----------------------|-------------------------------|
| Trim Set              | 11.00 Elevator 2:00 Rudder    |
| Throttle Friction     | Adjust                        |
| Mixture               | Rich                          |
| Carb Air              | Cold                          |
| Fuel                  | Reserve/Right                 |
| Prop                  | Full Forward / 2000 RPM       |
| Flaps                 | A/R                           |
| Gyros                 | Set                           |
| Gauges                | T's and P's                   |
| Harness               | Locked                        |
| Hood                  | A/R                           |
| Controls              | Full and Free                 |
| Rudder                | Check with Tailwheel unlocked |
| Brakes Off            |                               |
| After Landing         |                               |
| Brakes                | On                            |
| Flaps                 | Up                            |
| Trims                 | Set                           |
| Shut Down             |                               |
| Parking Brake         | Set                           |
| Mags                  | Check                         |
| Electrics             | Not required OFF              |
| Radio                 | Off                           |
| Idle                  | 1450 RPM                      |
| Pitch Lever           | Full Decrease                 |
| Idle 1000 RPM         | 1 Minute                      |
| Throttle              | Close                         |
| Mixture               | Idle Cut Off                  |
| Mags                  | Off                           |
| Fuel                  | On Left Tank                  |
| Master                | Off                           |
| Engine Limitations    |                               |
| Oil Pressure Normal   | 70-90 PSI                     |
| Minimum in flight     | 50 PSI                        |
| Max Oil Pressure      | 100 PSI                       |
| Max Oil Temp          | 95c                           |
| Minimum temp for T/O  | 40c                           |
| Fuel Capacity         | 80 Imp Gallons                |
| Max RPM               | 2250 RPM                      |
| Max T/O               | 36" 2250 RPM 1 Min.           |
| Air Speed Limitations |                               |
| Max Speed             | 250 MPH                       |
| Flaps 1st Stage 125   | Flaps Full 112MPH Gear 150MPH |