



Before Starting Engine

| | |
|------------------------|---------------------|
| Outside inspection | completed |
| Ship's papers & manual | on board |
| Weight & Balance | in limits |
| Loose equipment | stowed |
| Canopy | closed & latched |
| Rudder pedals | adjusted |
| Seatbelts | adjusted / fastened |
| Flight controls | free |
| Landinggear selector | down |
| Flaps | up |
| Parking brake | set |

Starting Engine

| | |
|--------------------------|--------------------------------|
| Master switch | on |
| Ignition switch | on (1e right) |
| Fuel tank selector valve | Left tank |
| Fuel pump | on - chk pressure |
| Fuel pump | off |
| Cool valve (Blue) | open (in) |
| Carburator heat (Yellow) | cold (in) |
| Propellor pitch | full fine (max green light) |
| Choke (cold start) | open |
| Throttle (cold start) | closed |
| Magnetos | on |
| Propellor area | clear |
| Starter switch | start |

After Starting

| | |
|------------------|----------------|
| Throttle | 2,000 rpm |
| Choke | closed |
| Oil pressure | check |
| Hydraulic pump | on |
| ACL-Horizon-Gyro | on |
| Radio | on |
| Transponder | on and standby |
| Time & counter | check |

During Taxiing

| | |
|--------------------|-------|
| Brakes | check |
| Flight instruments | check |

Before Take-off Checks

| | |
|--------------------------|--------------------------------|
| Parking brake | set |
| Throttle | 2.000 rpm |
| Oil temperature | check >50°C |
| Fuel pump | on |
| Fuel tank selector valve | check left tank |
| Trim | neutral |
| Propellor pitch | full fine (max green light) |
| Flaps | take-off (1e pos.) |
| Cool valve (Blue) | open (in) |
| Carburator heat (Yellow) | cold (in) |

Engine Check

| | |
|-----------------------------|---|
| Throttle | 3,000 rpm |
| Magnetos | check drop L+R max. 150 rpm diff. max. 50 rpm |
| Carburator heat | chk air box indic. |
| Throttle | idle (chk rpm) |
| Throttle | 2,500 rpm |
| Engine & flight instruments | check |
| Directional gyro | check heading |
| Parking brake | release |

Take-off

| | |
|----------------|---------------|
| Stick | neutral |
| Direction | rudder |
| Rotation speed | 80 - 85 km/h |
| Climb speed | 120 km/h |
| Landing gear | up |
| Flaps | up at 150 ft. |
| Throttle | 5,000 rpm |
| Fuel pump | off |

Downwind Checks

| | |
|--------------------------|---------------------------------|
| Throttle | manifold \pm 16-19" |
| Speed | 130 km/h |
| Fuel pump | on |
| Fuel tank selector valve | left tank |
| Propellor pitch | full fine (max. green light) |
| Landing gear | down (3 green lgt) |
| Flaps | 15° (1e pos) |
| Carburator heat | as required |

Baseleg Checks

| | |
|----------|--------------------|
| Throttle | manifold \pm 13" |
| Flaps | 24° (2e pos) |

On Final Checks

| | |
|--------------|---------------------|
| Speed | 110 - 120 km/h |
| Flaps | 38° (3e pos - full) |
| Landing gear | chk 3 green lights! |

After Landing

| | |
|-----------------|---------|
| Flaps | up |
| Fuel pump | off |
| Carburator heat | cold |
| Trim | neutral |

Switching Off Engine

| | |
|-------------------------|-------------------|
| Parking brake | set |
| All electrical switches | off |
| Hydraulic pump | off |
| Radio | off (push & hold) |
| Transponder | off (push & hold) |
| Magnetos | off (both) |
| Ignition | off |
| Master switch | off |
| Time, counter & log | check & complete |