

Before start up

Harnesses Both fasten
Cockpit.....All objects secured
Pedals Free travel, neutral
Cyclic Free travel, centred
Collective Full travel, lower stop, friction ON
GovernorOFF
Breakers, Shut-off valve, ELT..... engaged, open, ARMED
Ignition Both OFF
Rotor brake Lock forward
Mixture..... Full rich
MASTER, BARCON, BACKUP
└ Lights except starterON
NR horn Check
ATIS If applicable
Altimeter(s)Set
Fuel.....Sufficient

Start

StrobeON
Fuel pumpON, check
Injections..... As required
Throttle**Max 15% (recommended 5%)**
Magneto, plasma ON, check buzzer
AreaClear
StarterON
└ Oil pressure Check EPM, light OFF
Engine rpm Idle
Alternator ON, charging
Clutch Engage & lock
Needles synchronized Check
Clutch lightOFF

Before take-off

Ignition check Engine 2000 rpm
└ Plasma: 300 rpm, Magneto: 100 rpm drop
Carb. heat520 rpm, HOT, COLD
Freewheel.....Reduce frankly to idle, needles split
Oil temp increase (oil) 400-450 rpm
└ 30°C min, 60°C for max power
Doors..... Close or secure with strap
Engine parameters, lights..... Check, OFF
Landing & NAV lightON
Collective friction Release
GovernorON

Shutdown

- GovernorOFF
- Rotor RPM bellow 400 rpm, increase 400 – 450 rpm
- Collective frictionApply
- Landing lightOFF
- Engine coolingCHT max. 180°C, but at least 2 mins
- Throttle Idle
- Clutch Disengage, OFF
- Wait Needle split
- Mixture OFF
- Ignition OFF
- Alternator OFF
- Fuel pump OFF
- Rotor RPM max. 150 rpm
- Rotor brake As required
- Strobe OFF
- Fuel, flight & tech times, HOBBS Note / photo
- NAV light OFF
- MASTER OFF

Log the flight data.lionheli.aero

