

CHECKLIST OE-CRU

PRELIMINARY

Preflight inspection	Completed
Papers	On board
Mass & balance	In limits
Rudder pedals	Adjusted
Circuit breakers	All in
Flight controls	Free and correct
Canopy	Clean, closed, locked
Safety harness	Fastened
Brakes	Fully applied
Parking brake	Use

ENGINE START

Throttle	Idle
Choke	As required
Fuel Selector	Full left else lowest
Master bat	On
Eng inst	On
Fuel quantity	Checked
Fuel pump	On – check pressure
Nav & Strobe lights	On
Propellor Area	Clear
Ignition switch	Start
Oil pressure	Checked
Master gen	On
Flt instr	On
Avionics	On
Fuel pump	Off – check pressure
Other switches	As required
Transponder	Standby
Radios	Set
GPS	Set
Altimeter	Set
Choke	Release
Throttle	Max 2500 RPM

TAXI

Flaps	Checked
Parking brake	Release
Brakes	Checked
Gyros	Checked

ENGINE RUN UP

Heading	Upwind
Parking brake	Set
Fuel selector	Fullest
Oil temp	>50°
Full throttle	5000 RPM
Engine instruments	Checked
Throttle	4000 RPM
Magnetos	Checked
Carb heat	Checked
Throttle	Idle
Throttle	2000 RPM

BEFORE TAKE OFF

Trim	Neutral
Flight controls	Free
Canopy	Locked
Safety harness	Fastened
Ignition switch	Both
Fuel pump	On
Flaps	12°

RUNWAY ITEMS

Landing light	On
Transponder	Alt
Runway heading	Checked
Throttle	Full
Engine instruments	Checked
Rotate	40 KIAS

AFTER TAKE OFF

Power	Checked
Flaps	Up
Trim	Set
Fuel pump	Off
Landing light	Off

CLIMB

Speed	55-62 KIAS
Throttle	Max 5500 RPM
Trim	Set
Engine instruments	Checked

CRUISE

Throttle	±4800 RPM
Trim	Set
Carb heat	As required
Engine instruments	Checked

DESCENT

Altimeter	Set
Carb heat	On
Throttle	Min 3000 RPM
Engine instruments	Checked

DOWNWIND

Fuel pump	On
Landing light	On
Ignition	Both
Fuel selector	Fullest
Carb heat	On
Speed	80 KIAS
RPM	±4200 RPM
Instruments	Checked
Seat belts	Fastned
Brakes	Checked

BASE

Speed	70 KIAS
RPM	±3200 RPM
Flaps	12°

FINAL

Speed	65 KIAS
Flaps	30°

AFTER LANDING

Carb heat	Off
Flaps	12°
Throttle	2000 RPM
Trim	Neutral
Transponder	Standby
Landing light	Off
Fuel pump	Off

SHUT DOWN

Parking brake	As required
Throttle	Idle
Instruments	Checked
Avionics	Off
Ignition switch	Off
All switches	Off
Master bat & gen	Off
Fuel selector	Off
Hobbs	Noted
Canopy	Closed
Pitot cover	On