

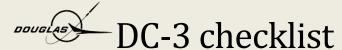
# ENTERING COCKPIT

Weight & Balance	Set
Battery	OFF
GPU	OFF
All Switches	OFF
Radios	OFF
Main ignition	OFF (Pulled Out)
Magnetos	OFF
Parking Brake (Red knob)	Set
Tail Wheel	Locked (FWD)
Trims 3x	Neutral
Autopilot	OFF
Cross feed	OFF
Gear Handle (Red)	Down and Locked
Flap Handle (Yellow)	Flaps UP and Neutra
Hydraulic Reservoir	Checked
Hydraulic Flow Selector (Blue)	AFT



# BEFORE ENGINE START

Hydraulic Shutoff Valve	Open
Manual Hydraulic Pump	Pump 6 times
Hydraulic Pressure	.Checked ~400 PSI
Hydraulic Shutoff Valve	Closed
Cowl Flaps	OPEN
Flight Controls	FREE
Carb Heats	Cold (FWD) and Locked
Blowers	OFF (AFT)
Propellers	Full Forward High RPM
Throttles	Cracked
Mixtures	Idle Cut-Off
Battery	ON
Battery Volts	
,	+24V
,	+24V
Fuel Gauges	
,	Check ALL
Fuel Gauges	Check ALL
Fuel Gauges	Check ALL MAIN TANKS



## STARTING ENGINES

STARTING ENGINES
RIGHT ENGINE
Fuel Booster Pump ON
Fuel Pressure Checked
Engine Energize
Engine Mesh ON
Count 10-12 blades
Magneto BOTH
Primer ON
Mixture Auto Rich
Fuel Pump OFF
Engine RPM 1000-1200 RPM
Oil Pressure Checked
Fuel Pressure Checked
Hydraulic Pressure Checked
LEFT ENGINE
Repeat
AFTER START & TAXI
Inverter ON
Radios ON and tuned
Altimeters Set

Gyros ...... Set and un-caged

Tailwheel...... Unlocked (AFT)

Lights ...... As required

Parking Brake ...... OFF to taxi



# ENGINE RUN-UP

Parking Brake	ON
Tailwheel	Locked (FWD)
Fuel Booster Pumps	OFF
Mixtures	Auto Rich
Cowl Flaps	OPEN
Fuel Selectors	Main Tanks
Engine RPM	1500 RPM
Propellers	Through Full Range
Magnetos	Check
BEFORE TAKEOFF	
Radios, Transponder, Autopilot	Set
Pitot Heat	ON
Carb Auto De-Icer	ON
Anti-Ice	As required
Landing Lights	ON
Fuel Booster Pumps	ON
Flaps	As required
Trims	As required
Propellers	Full Forward High RPM
Mixtures	Auto Rich
Carb Heats	Cold and Locked
Cowl Flaps	TRAIL
Runway line up·	
Tail Wheel	Locked (FWD)



#### NORMAL TAKEOFF

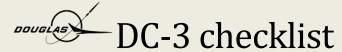
#### AFTER TAKEOFF & CLIMB

### CRUISE



#### APPROACH

Autopilot ..... OFF Hydraulic Flow Selector (Blue) ...... AFT Altimeters ...... Set Fuel Selector Valves ...... Main Tanks Mixtures ...... Auto Rich Carb Heats...... Cold and Locked BEFORE LANDING Fuel Booster Pumps ...... ON Propellers ...... Set Landing Lights ..... ON Landing Gear ...... Down Tail Wheel ...... Locked Anti-ice ...... OFF Flaps ...... As desired (½ to ¾) AFTER LANDING Tail Wheel ...... Unlocked Flaps ...... UP Cowl Flaps ..... Open Fuel Booster Pumps ...... OFF Trims ...... Neutral Propellers ...... Full Forward High RPM Pitot Heat ...... OFF Carb Auto De·lcer..... OFF Landing Lights ..... OFF



## PARKING & SHUTDOWN

Brake	ON
Tail Wheel	Locked (FWD)
Cowl Flaps	CLOSE and OF
Radios	OFF
Inverter	OFF
Mixtures	Idle Cut-Off
Fuel Selector Valves	OFF
Magnetos	OFF
Main Ignition	OFF
Lights	OFF
Battery	OFF