

AIRCRAFT OUTSIDE CHECK

Wheel Chocks ----- IN PLACE
Landing Gear Shock Struts ----- CHECKED
Tires ----- CHECKED
Pitot Covers ----- REMOVED
Engines, Propellers, Exhausts ----- CHECKED
Flight Controls ----- CHECKED
Tail Wheel ----- CHECKED
Antennas ----- CHECKED
Freight Doors ----- LOCKED
Engine Oil Tanks)
Fuel Tanks) Capacity and Caps ----- CHECKED

AIRCRAFT INSIDE CHECK

Fire Extinguishers (2 portable) ----- CHECKED
Flash Lights (3) ----- CHECKED
Fuel Carnets (3) ----- CHECKED / IN PLACE
Hold Door Keys ----- CHECKED
Fire Axes (2) ----- CHECKED
Emergency Exits ----- NOT OBSTRUCTED
Oxygen Bottle / Distributer / Masks / Life Belts ----- CHECKED
Dip Sticks (2) ----- CHECKED
Pitot Covers / Adapter ----- IN PLACE
Hand Search Light ----- IN PLACE
Technical Log / Fuel Log ----- IN PLACE

CHECK ON SITTING DOWN IN COCKPIT

Control Locks, Check Freedom, Tabs Zero ----- FREE and CHECKED
Battery Master ----- ON
Ignition ----- OFF
Landing Gear ----- GREEN LIGHTS
Park Brakes ----- SET (250 PSI min.)
Static Selector Valve ----- STATIC
Hydr. Hand Pump Lever ----- IN PLACE
Hydr. Fluid Level ----- CHECKED
Generators and Charge Fail Warning Lights ----- OFF / CHECKED
Door Warning Light ----- OFF
SEAT BELTS / NO SMOKING ----- CHECKED
Flowmeters ----- ZERO and OFF
Propeller-, Wing- and Carb. De-Icing System ----- CHECKED
Circuit Breakers ----- ON
Fire Warning Lights ----- PUSHED
Auto Pilot ----- OFF
Fuel Indicator Switch ----- ON / CHECK QUANTITY / OFF
Booster Pumps and Warning Lights ----- CHECKED
Fuel and Oil Cocks ----- ON
Cross Feed Cock ----- OFF
Start and Feather Switch ----- ON
Primer / Starter / Booster Switches ----- ON
Cowl Flaps ----- OPEN
Oil Cooler Shutters ----- AS REQUIRED
Cut - Off ----- OFF
Carburettor Heat ----- COLD
Propellers ----- HIGH RPM
Throttles ----- 1" OPEN

STARTING ENGINES

Signal from the ground crew ----- FIRE GUARD IN POS./ALL CLEAR
 Props. pulled through 8 blades (left/right)
 Start: right engine)
 left engine) Current flow lights ----- CHECKED
 Oil pressure ----- CHECKED
 After start right engine ----- HYDR. PRESSURE CHECKED
 Throttles ----- 1200 RPM max.
 Booster pumps ----- OFF
 Starter/Primer/Booster switches ----- OFF
 Battery switch ----- PLANE
 Vacuum system ----- CHECKED
 Instruments ----- SET
 Wing flaps ----- CHECKED
 Auto pilot ----- CHECKED
 Alcohol deicing (Windshield) ----- CHECKED
 Windshield wipers ----- CHECKED
 Manifold pressure gauges ----- CHECKED

RUN-UP

Cylinder head temperature ----- 200° C min.
 Oil temperature ----- 40° C min.
 Magnetos ----- CHECKED
 Throttles ----- 2000 RPM
 Prop. pitch control (down to 1600 RPM) twice --- CHECKED
 Propeller feathering ----- CHECKED
 Generators (Landing lights ON) ----- AMPS. CHECKED
 Pitot heaters ----- CHECKED
 Carburettor anti-icing ----- CHECKED
 Throttle (each engine) ----- FIELD BAROMETRIC PRESS. (STATIC RPM)
 - Magnetos ----- CHECKED
 - Fuel and oil pressure ----- CHECKED
 - Temperatures (Oil, CHT, CAT) ----- CHECKED
 Throttle-idling (both engines) ----- 500-600 RPM / Oil and Fuel Pressure
 Cut-off ----- CHECK RPM INCREASE
 Throttles ----- 800 RPM
 Ignition OFF operation ----- CHECKED
 Throttles ----- 1200 RPM
 Brake pressure ----- 450 PSI
 Ram pressure ----- 450 PSI

ENGINES STOP

Cylinder head temperature ----- 180° C max.
 Throttles ----- 1000 RPM
 Cut-off ----- OFF
 Ignition (after props. stopped) ----- OFF
 Gyros ----- CAGED
 Fuel and oil cocks ----- AS DESIRED

CHECK BEFORE LEAVING THE AIRCRAFT

Wheel chocks ----- IN PLACE
 Park brakes ----- OFF
 Battery switch ----- OFF
 Ignition ----- CHECKED OFF
 All switches ----- OFF
 Control locks ----- INSTALLED

ADDITIONAL CHECK WHEN PARKING THE AIRCRAFT (head into wind)

Cowl flaps (when CHT below 100° C) ----- CLOSED
 Fuel and oil cocks ----- CLOSED
 All switches ----- OFF
 Pitot covers ----- INSTALLED
 All windows and doors ----- CLOSED
 Wheel chocks ----- IN PLACE