



**18. Cockpit --- check**

**WARNING**

**CHECK BEFORE PRE-FLIGHT CHECK THAT IGNITION IS SWITCHED OFF !**

- all switches . . . . . **OFF**
- instrument equipment
  - check on condition
- check on presence of loose objects in the cockpit
- check on adjusting and securing the rudder pedals --- if installed adjustable rudder pedals

**WARNING**

**RIGHT AND LEFT PEDAL OF RUDDER CONTROL MUST BE SET TO THE SAME POSITIONS AND WELL SECURED!**

Aircraft Operating Instructions and other required documents -- check on completeness and validity

**1. Left landing gear leg --- check**

- landing gear leg attachment and condition
- landing gear wheel condition
- brake disc and caliper
- tire condition and inflation
- condition and attachment of wheel pant

**2. Left wing --- check**

- wing surface condition
- leading edge condition
- wing root fairing condition & screws
- vortex generator attachment
- landing light condition
- condition of the Pitot tube & static ports
- check fuel quantity & fuel tank cap

**3. Left wing tip --- check**

- surface condition
- attachment check
- fuel tank vent --- cleanness
- position lights, anticollision beacon

**4. Left aileron --- check**

surface condition  
attachment & hinge condition  
free movement & actuator rod end

**5. Left wing flap --- check**

surface condition  
attachment & hinge condition  
drain and check fuel sample

**6. Rear part of fuselage --- check**

surface condition  
condition of antennas (top and bottom fuselage surface)

**7. Tail units --- check**

surface condition  
condition of rudder and elevator attachment & hinges  
freedom of rudder and elevator movement  
condition of trim tab, hinge, and elevator trim actuator  
tail skid condition

**8. Rear part of fuselage --- check**

surface condition

**9. Right wing flap--- see 5.**

**10. Right aileron--- see 4.**

**11. Right wing tip --- see 3.**

**12. Right wing --- see 2.**

(except the landing light and Pitot tube)

**13. Right landing gear leg --- see 1.**

**14. Front part of the fuselage --- right hand side --- check**

tilting canopy attachment and condition  
condition of the nose landing gear leg  
nose wheel condition  
condition of the nose wheel control rods

**15. Engine**

*Checks before the first flight of day --- it is necessary to remove upper engine cowling:*

condition of engine bed  
condition of engine attachment  
condition of exhaust system  
condition of engine cowlings  
visual check on fuel and electrical system condition  
check on cooling liquid volume in the expansion tank on the engine body (replenish as required up to max. 2/3 of the expansion tank volume)

*Checks before every flight:*

cleanness of air intakes  
check on oil level (between marks --- flattenings on the dip stick)  
check on cooling liquid level in the overflow bottle (level should be between min. and max. mark)  
proper closing of the upper cowling

**16. Propeller --- check**

attachment  
condition of blades, hub and spinner

**17. Front part of fuselage --- left hand side --- check**

tilting canopy attachment and condition

