



18. Cockpit --- check

NOTE
 Turn handle clockwise to open cockpit. When keyway is in handle axis, cockpit is locked. Unlock it first with key to keyway perpendicular position to the handle axis.

- 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

