

## 3.3. Service works

1. Check the structure condition paying a special attention on heavily stressed elements during take-off, flight and landing.
2. Check the condition of main fittings and bolts surfaces and the assembling plays.
3. Check the sure securing of connecting elements of the main glider components and control systems.
4. Check the canopy sure locking and emergency jettisoning.
5. Check the condition and correct operation of the towing hook when pulling the towing cable by hand.
6. Check the surface condition and hinges of the control surfaces and air brake, correct operation of controls.
7. Check the friction forces in control systems and operation devices.
8. Check the undercarriage condition, main wheel, tail wheel and operation of wheel brake.
9. Check the condition and correct operation of the instruments.
10. Check the condition of metal element protective coats especially those exposed for mechanical damages and corrosion (cables, undercarriage elements).
11. Clean and lubricate with the special grease the bearing and assembling elements acc. to the lubrication plan (Fig. 15).
12. Check the deflection angles of the control surfaces (Fig. 1).
13. Check technical condition of aileron-drive fitting connected with actuating push-rod according to Bulleyin No BO 11/98.

## 3.4. Schedule of periodic works

Tab. 3.

Periodic work time	Kind of work
- On the begining of flying season	1 ÷ 13
- After every 50 flying hours	1 ÷ 13
- After every 100 flying hours or every year	1 ÷ 11, 13
- After every 500 flying hours	See Enclosure No1 to this Manual
- After landing resulting the undercarriage damage	1 ÷ 10
- After heavy landing	1,2,7,9
- After prolonged tail-slide with control stick being pulled out of pilots hands	1 ÷ 13
- After the flying season or after the prolonged storage	acc. to item 3.6