

# TECHNICAL DESCRIPTION, OPERATING, MAINTENANCE AND REPAIR MANUAL

Event	Event description	Inspection after			Carried out by:	Inspected by:
		first 25 hr	every 50 hr	every 100hr		
4.1.9	Lubricate according to the Lubrication Chart			*		
<b>5.</b>	<b>MAIN LANDING GEAR</b>					
5.1	Visually check of the leg for delaminations, damages, attachment, bolts security	*	*	*		
5.2	Visually check laminated fairing (mudguard) condition-repair found damages and cracks	*	*	*		
5.3	Check tyres for condition, cuts, uneven or excessive wear and slippage-replace if need be. Check pressure – inflate at required pressure ( see Flight Manual )	*	*	*		
5.4	Visually check condition of the pads-steady and symmetry abrasion of the pads-replace a pad if need be The same is valid for the brake disc.		*	*		
5.5	Visually check disc for cracks, permanent deformation – replace if need be. Check condition of bearings, wheel free rotation, play		*	*		
<b>6.</b>	<b>LIFTING SURFACE</b>					
<b>6.1</b>	<b>Wing</b>					
6.1.1	Wing disassembly Check of a bushing, root of beam and root rib	After 200 flight hour or once a year				
6.1.2	Visually check of the wing surface for damages, delaminations, recesses	*	*	*		
6.1.3	Check of the surface for finding out of the delaminations of the sandwich. Contact aeroplane manufacturer if are found larger areas of the delaminations.			*		
6.1.4	Check plays of wing suspensions . Move the wing tip upward-downward, frontward-rearward. Contact aeroplane manufacturer if the motions are greater than 5 mm		*	*		
6.1.5	Check pitotstatic tube attachment at the right wing	*	*	*		
<b>6.2</b>	<b>Aileron</b>					
6.2.1	Visually check of the aileron surface for damages, delaminations and paint damages	*	*	*		
6.2.2	Check free movement, aileron hinge and plays	*	*	*		
6.2.3	Check security of control rod ends	*	*	*		
6.2.4	Lubricate the bearings			*		
6.2.5	Check control-surface weight balance attachment	*	*	*		
<b>6.3</b>	<b>Flap</b>					
6.3.1	Visually check of the flap surface for damages, delaminations	*	*	*		
6.3.2	Check free movement, flap hinge and plays	*	*	*		
6.3.3	Check security of control rod ends	*	*	*		