

SURVEILLANCE CHECK LIST WINCH

Type of Winch:

Name of owner/ operator:

Place of Inspection:

Name & Designation of Officer:

S/N	ITEMS OF INSPECTION	SAT/UNSAT	SIGNATURE
1.	Check previous inspection findings and ensure all discrepancies have been rectified.		
2.	Check that the winch operator is approved by DGCA.		
3.	Check that the life of winch engine is within the limits of approved TBO.		
4.	Check the defect register of the winch engine.		
5.	Check records of winch launching.		
6.	Check that the winch cable is procured from an approved source and the cable is of correct specifications.		
7.	Check cleanliness of the winch.		
8.	Check the followings for full and free operation, security, tightness and for lubrication where necessary: a) Throttle; b) Clutch Pedal; c) Brake Handle; d) Cable cutter; e) Chains; f) Rollers; g) Bearings; h) Feed Pump & pre-Filter.		
9.	Run-up the engine and check the performance.		

S/N	ITEMS OF INSPECTION	SAT/UNSAT	SIGNATURE
10.	<p>Check for proper functioning of the Cable Cutter.</p> <p><i>(proper functioning of the cable cutter should be checked by unrolling the cable and given a appropriate pulling load and cable cutter handle should be operated to check that cutter is cutting the cable in one attempt.)</i></p>		
11.	Check the gliding cable release rings for elongation and particularly small ring for round shape.		
12.	Check winch-supporting jack for proper functioning and that all the four supporting jacks are serviceable and wheel axle is movable.		
13.	Check the condition of weak link.		
14.	Check the drum brake for proper functioning.		
15.	Check the manual operation of the cable by releasing the cable while the cable is being pulled downwards and forwards.		
16.	Check the auto release of the cable for proper functioning by pulling the cable backwards towards the tail of the glider so that it releases it self.		
17.	Check that the winch operator is having all the necessary tools in the toll box such as hacksaw axe chisel, hammer etc.		
18.	Check that the parachute attaching the winch cable is of correct size and serviceable.		
19.	Check the condition of winch cable by unrolling for wear and cuts.		