



MAINTENANCE TOWFLEXX TF5



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WARNING! Neglecting the regular maintenance can lead to the failure of the aircraft tug and also creates a risk potential for people and operation.



We recommend annual maintenance by TowFLEXX personnel. This includes services that go beyond the checklist. Possible errors that may occur in the future can be detected and corrected prematurely.

6.1 MAINTENANCE SCHEDULE

The operating conditions of an aircraft tug have a considerable influence on the wear of the components. The following maintenance intervals apply to normal operation and use. For special requirements, e.g. excessive dust, strong temperature fluctuations or multi-shift operation, the intervals must be correspondingly shorter and adjusted accordingly.

Maintenance and repair work exceeding the works specified in the maintenance schedule may only be performed by personnel certified by TowFLEXX and after explicit written confirmation. Failure to do so will void the warranty.

The following maintenance checklist specifies the activities to be performed and the time of performance.

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Assembly	Persevering Activities	Interval
Batteries	<ul style="list-style-type: none"> min. 1 recharge a Month Check the Battery-Plug for Damage, Function and tight Fit Measure voltage of individual batteries*¹ 	10h or monthly 25h or anually 50h or anually
Lighting	<ul style="list-style-type: none"> Lighting function Check 	50h or anually
Tires	<ul style="list-style-type: none"> Check Drive Wheels for Wear and Damage Tighten the Wheel Nuts of the Drive Wheels (220Nm) Check Castor Wheels on Wear and Damages 	50h or anually 25h or half-yearly 50h or anually
Turntable	<ul style="list-style-type: none"> Lubricate wheel flange rollers Check Turntable Gate Function, adjust if necessary Apply Grease on the Turntable Gate Visual inspection Turntable Motor and Gear 	25h or half-yearly 25h or half-yearly 25h or half-yearly 25h or half-yearly
Lifting Platform	<ul style="list-style-type: none"> Visual Inspection and Function Check Check Steel Cable and Grease if necessary Check if the steel cable is still correctly winded on the winch drum 	25h or anually 10h or every 3 month 10h or monthly
Drive Chain	<ul style="list-style-type: none"> Lubricate Drive chain Visual Inspection and Tension Check 	25h or half-yearly 50h or anually
Frame and Chassis	<ul style="list-style-type: none"> Visual Inspection Check Screws for tight Fit Check Readability and Quality of Labels 	25h or anually 25h or anually 25h or anually
Funcional Tests	<ul style="list-style-type: none"> Testing all Commands on the Remote Control Driving Control Testing the Brakes without Load 	25h or half-yearly 25h or anually 25h or anually
Proximity Sensor ¹ (on winch)	<ul style="list-style-type: none"> Check if it triggers correctly 	25h or half-yearly



WARNING! TowFLEXX is not liable for damages and malfunctions caused by parts or accessories not OEM authorized!

¹ The individual battery voltage should not be less than 10 volts. To maintain and maximize the battery life, we recommend measuring the batteries individually every 6 months and charging them individually if necessary, which can be done with a standard charger for lead-gel batteries.