



Maintenance instructions

As at 28/09/2017



Congratulations on choosing a high-quality equipment!

With proper maintenance, your equipment will have a long life span.

We design and manufacture all our play and sport equipment with safety in mind, taking the users' age group into consideration and assessing risks on the basis of current standards. Please note that as the owner, you are responsible for the maintenance of the equipment and the area around it.

Warranty is valid only if the equipment has been properly maintained

It is crucial to conform to these inspection and maintenance instructions so as to prevent hazardous situations on, below and around play and sport equipment. Lappset takes no responsibility for any damage or injuries caused by non-compliance with these instructions. Lappset's general product warranty is subject to compliance with these maintenance instructions. This manual describes how to properly inspect and maintain Lappset equipment.

The warranty terms for all Lappset equipment are available on our website at www.lappset.com/Services/For-designers/Warranty

All public playgrounds must be inspected in accordance with the EN 1176-7 standard:

- Routine visual inspection (daily to monthly)
- Operational inspection (every 1 to 6 months)
- Annual main inspection (every year)

The inspection frequency of play equipment depends on the type of equipment, level of use, level of vandalism and location (e.g. harsh climate conditions). If equipment is subject to heavy use, harsh climate conditions or vandalism, inspection and maintenance work should be carried out more frequently than recommended in these instructions.

If you have any questions or need advice, please contact your local distributor or our customer service.



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Spare part service

Parts must occasionally be replaced due to damage or wear. This must be done without delay so as to prevent hazardous situations. Repairs must be carried out in accordance with this manual and installation instructions.

If repairs cannot be made immediately, access to the part in question or, if necessary, the entire piece of equipment, must be prevented.

When you need a spare part for a Lappset equipment, please contact your local salesperson. We kindly ask you to note that the delivery time of spare parts for equipment that are no longer included in the current equipment range can be longer.

Product sign

All our equipment come with a label specifying the exact product model. This makes ordering spare parts and maintenance easy.



General			Routine visual inspection	Operational inspection	Annual main inspection
Subject	Inspection	Maintenance	Daily to monthly	Every 1 to 6 months	Every year
Cleanliness of equipment	Check the cleanliness of the equipment.	Remove all dirt, leaves and litter from the structures and the area around the equipment. If necessary, wash the parts using mild soap and water.	x	x	x
Broken or missing parts	Inspect the equipment for loose, broken or missing parts.	If necessary, replace or tighten parts.	x	x	x
Foreign objects	Inspect the equipment for any foreign objects tied or attached to it.	Remove foreign objects.		x	x
Connections	Check that all bolted joints are securely tightened. Check that rivets are not loose or broken.	Tighten connections or, if necessary, replace old parts with new ones. See installation instructions for the correct torque settings. It may be necessary to remove bolt covers – replace damaged covers with new ones.		x	x
	Check that there are no gaps in which clothes can become trapped close to slides, barriers, roofs or guard rails.	Tighten any parts that are loose or have moved.			x

Moving parts			Routine visual inspection	Operational inspection	Annual main inspection
Subject	Inspection	Maintenance	Daily to monthly	Every 1 to 6 months	Every year
Springs and rubber parts	Check the operation of rotating and moving parts and inspect them for wear. Ensure that all covers are intact and have not moved.	If necessary, tighten connections. If there are signs of corrosion, replace or repair the parts.		x	x
Aerial runways	Inspect cables for wear, damage or corrosion.	Replace the cable if it is worn or damaged.		x	x
	Check the sag of the cable.	Adjust as needed in accordance with the installation instructions.			x
	Check the operation of the traveller.	See p. 9		x	x
Chains	Inspect chains for damage or wear.	Chains must be replaced when less than 70% is left of the original thickness.		x	x
Ropes and nets	Inspect ropes for wear.	Steel may be visible but strands must not be broken.		x	x
Bearings, rotating parts and swing suspension.	Check the operation of rotating and moving parts and inspect them for wear. Ensure that all covers are intact and have not moved.	Replace parts if movement is prevented partly or wholly or is uneven.		x	x
Spinning pivot break**	Check the operation of the break.	See p. 9		x	x

Materials			Routine visual inspection	Operational inspection	Annual main inspection
Object	Inspection	Maintenance	Daily to monthly	Every 1 to 6 months	Every year
Aluminium components	Check components for damage and wear.	If necessary, replace a component.		x	x
Galvanised steel components	Check components for scratches, wear and first signs of rusting.	Small scratches do not need to be repaired, but deep scratches can cause rusting if left untouched. If necessary, replace a component.			x
High-pressure laminate elements (HPL)	Check panels for excessive wear, sharp edges and other damage caused by vandalism.	If necessary, replace a panel.	x	x	x
Painted steel components	Check components for scratches, wear and first signs of rusting.	If necessary, pretreat and paint components in accordance with the maintenance painting instructions for metal components .			x
Metal components in general	Check components for sharp edges. Check welded joints for cracks or gaps.	If necessary, repair or replace a component.			x
Plastic and rubber parts	Check plastic and rubber parts for wear, damage or cracks.	If necessary, replace a part.		x	x
Wooden parts	Check wooden parts for cracks, splintering or wear. Wood is a natural material that cracks as time goes on, but small cracks will not affect product quality or safety. Read more: https://www.lappset.com/Services/For-designers/Materials Inspect plywood boards for wear.	If necessary, replace or repair a board. Painted wooden parts: If necessary, pretreat and paint parts in accordance with the maintenance painting instructions for wooden parts .			x

Foundations			Routine visual inspection	Operational inspection	Annual main inspection
Object	Inspection	Maintenance	Daily to monthly	Every 1 to 6 months	Every year
Equipment foundations	If necessary, remove safety surfacing and inspect the foundations below the surfacing for wear. Pay special attention to structures that rely on one post.	If necessary, repair or replace foundations.			x
	Check that all foundations are securely in place and the surfacing material covers any sharp edges and concrete.	If necessary, stabilise the foundations and repair the surfacing material.		x	x

Safety surfacing

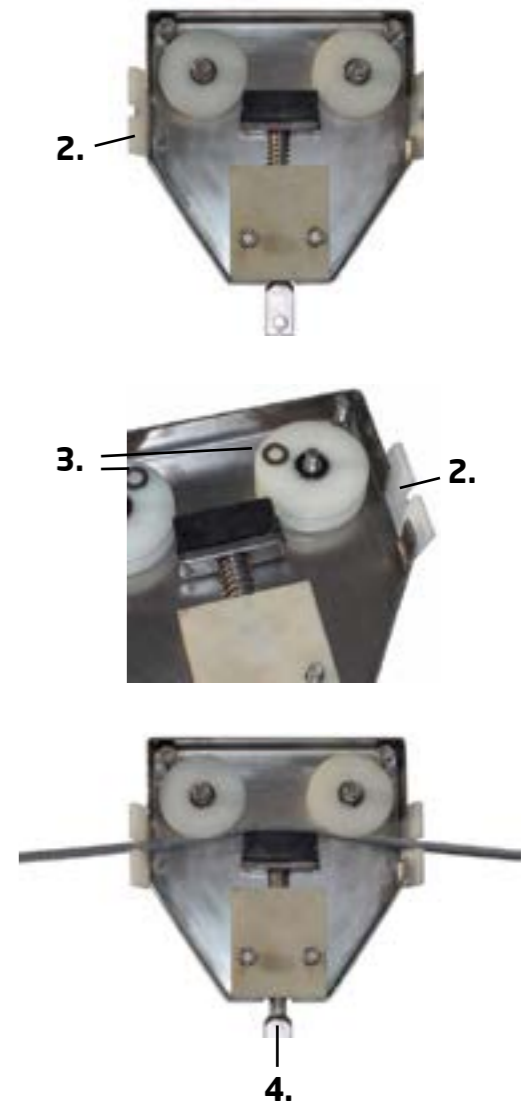
Safety surfacing			Routine visual inspection	Operational inspection	Annual main inspection
Object	Inspection	Maintenance	Daily to monthly	Every 1 to 6 months	Every year
Loose fill safety surfacing: Softex™ chips, gravel or sand	Check the depth of the loose fill surfacing using the level marks in product structures.	If necessary, add material. Pay special attention to areas subject to heavy use, such as under swings and at slide exits.		X	X
	Check the loose fill surfacing for foreign objects.	If necessary, remove these.	X	X	X
	Check the depth of the loose fill surfacing against Table 4 of the EN 1176 standard.	If necessary, add material.			X
Rubber surfacing: Softex™ Wetpour safety surfacing and Softex™ safety tiles	Check the surfacing for gravel or litter.	If necessary, remove these.		X	X
	Check for damage or wear.	If necessary, repair the surfacing.			X
	Check that the rubber tile surfacing is even and there is no tripping points.	If necessary, re-install tiles.			X
Sand-filled artificial grass	Check that the artificial grass is clean and flexible.	If necessary, wash the turf and add sand.		X	X

Aerial runway maintenance*

1. Remove the side plate to open the traveller.
2. Check that the finger guards are in the correct position. The groove on the guard must point outwards.
3. It is crucial to check that a washer has been placed on either side of the wheel. If the washers are incorrectly installed, the traveller will be damaged when it is used.
4. Cable installation: Pull down the chain to release the break and install the cable.

The aerial runway must be installed in accordance with the EN 1176 standard. The traveller must be inspected as a part of Operational inspection. Use only spare parts provided by Lappset.

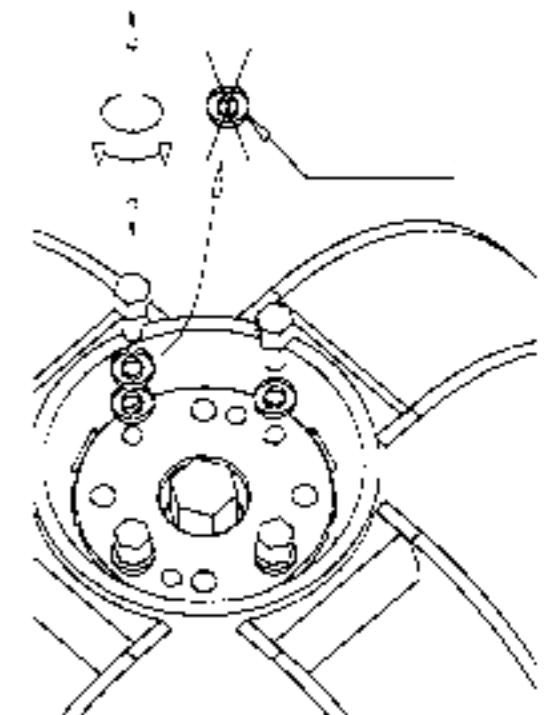
Standard products concerned:
160050M AERIAL RUNWAY
220082 MERCURY



Spinning pivot maintenance**

To increase the braking force, remove one or two washers from all of the four screws.

Standard products concerned:
112341 WALTZ
137042M XSPEED
220041 XSPEED FOR 2



Recycling of products



Lappset product packaging and products at the end of their life cycle can be recycled and/or used to generate energy. The materials collected and collection instructions can vary from one location and company to the next. The below instructions have been drawn up following the usual practice. However, you should always check the local recycling and collection instructions.

Material	Recycling or disposal
Impregnated wood	Impregnated wooden parts can be reused in structures or used for energy recovery at a hazardous waste incineration plant. Parts for disposal are taken to a collection point for impregnated wood.
Laminated panels	Laminated panels can be reused in structures or used for energy recovery at a licensed waste incineration plant. Panels for disposal are taken to an incineration plant.
Metals	Metals are recyclable and can be processed for use as recycled raw material by industry. Metal parts are sorted and taken to a metal collection point.
Plastic parts	Most plastic parts bear a material marking code on the basis of which they can be used as recycled raw material or for energy recovery at a licensed waste incineration plant. Plastic parts are taken to a plastic collection point.
Paper, paperboard and cardboard	Paper, paperboard and cardboard is delivered to a waste treatment plant for recycling. Paper, paperboard and cardboard is sorted and taken to a collection point.
Wooden packaging and painted wooden products that have not been impregnated	Wooden packaging and wooden parts can be partly recycled. Wood for disposal can be used as a fuel to replace fossil fuels in the generation of energy and heat. Depending on the type of wood waste, it can be used at a biomass-fired energy plant alongside other fuels or at a licensed waste incineration plant. Wood waste is taken to a collection point for wood waste to energy.
Tyres and safety surfacing tiles	Crushed tyres are used in structural layers in various earthwork projects, the drainage layers of landfill sites and as filler mass in environmental construction projects. Rubber and tyre chippings are used to replace non-renewable natural materials. Tyres and surfacing materials are taken to a tyre collection point.
Steel-reinforced ropes and nets	Ropes and nets can be crushed so as to sort out plastic and metal. Plastic is used for energy recovery and metal as a recycled material. Ropes and nets can usually be taken to a metal collection point.