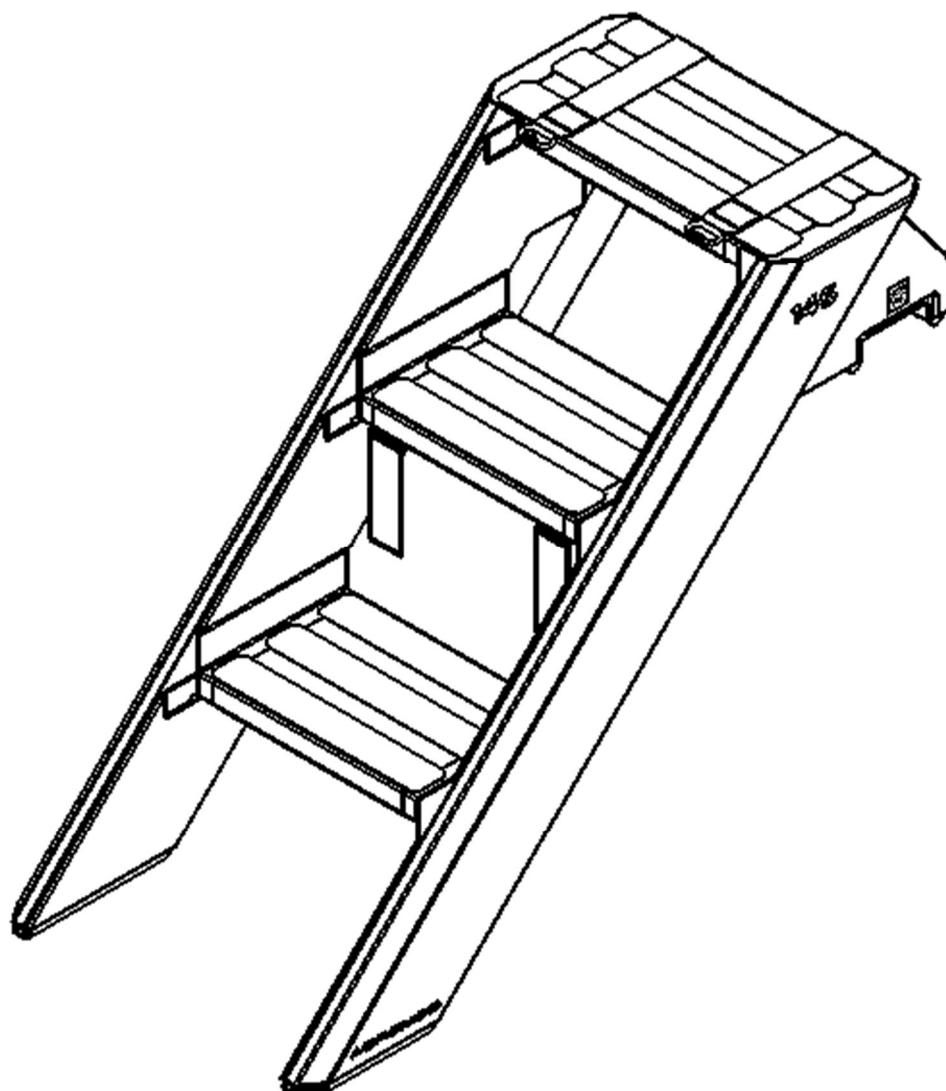


# **MAINTENANCE MANUAL**

**AEROLADDER 145**

**PN: AM-LDR-145-K01**



**Aeromob Aeronautical Equipment**

**CNPJ: 40.061.679/0001-43**

**Address: Rua Carlos Willy Boehm, 990 - Costa e Silva**

**ZIP CODE: 89218-325 - Joinville - SC - Brazil**

**Phone: +55 (47) 4101-2724 | 9 9937-9077**

**Website: [www.aeromob-industry.com](http://www.aeromob-industry.com)**

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**RESIVION**

<b>Revision Number</b>	<b>Date</b>
<b>01</b>	<b>22/NOV/23</b>
<b>02</b>	<b>28/JUN/24</b>
<b>03</b>	<b>20/DEC/24</b>

To access the updated version of this document, point your device at the QR CODE below.



[www.aeromob-industry.com/support-am-ldr-145-k01](http://www.aeromob-industry.com/support-am-ldr-145-k01)

## **INTRODUCTION**

This Maintenance Manual must be used in conjunction with the IPC (Illustrated Parts Catalog), part number **IPC AM-LDR-145-K01**, to maintain the equipment in perfect condition of use, providing safety and quality in the application.

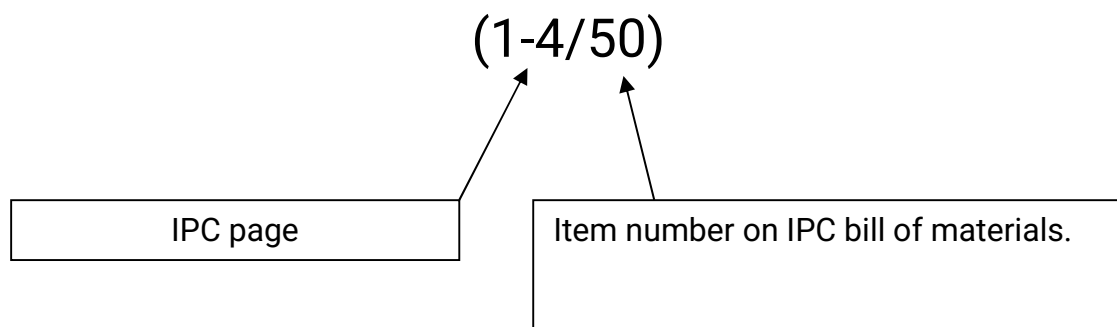
The procedures determined in this document aim to ensure the correct execution of maintenance actions applicable to this equipment, to guarantee the safety and efficiency of maintenance and operation of the equipment.

Keeping maintenance up to date will prevent accidents and prevent the product from being stopped due to failures. Cleaning, lubrication, and inspections are basic conditions for proper operation.

**NOTE: For maintenance actions not recommended in this document, do not proceed without prior Aeromob instructions. For more information:**  
**[www.aeromob-industry.com/support-am-ldr-145-K01](http://www.aeromob-industry.com/support-am-ldr-145-K01).**

## LIST OF ABBREVIATIONS

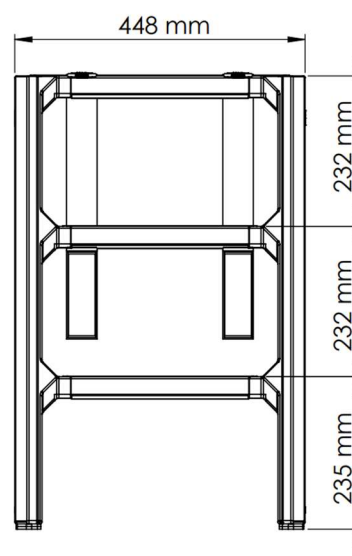
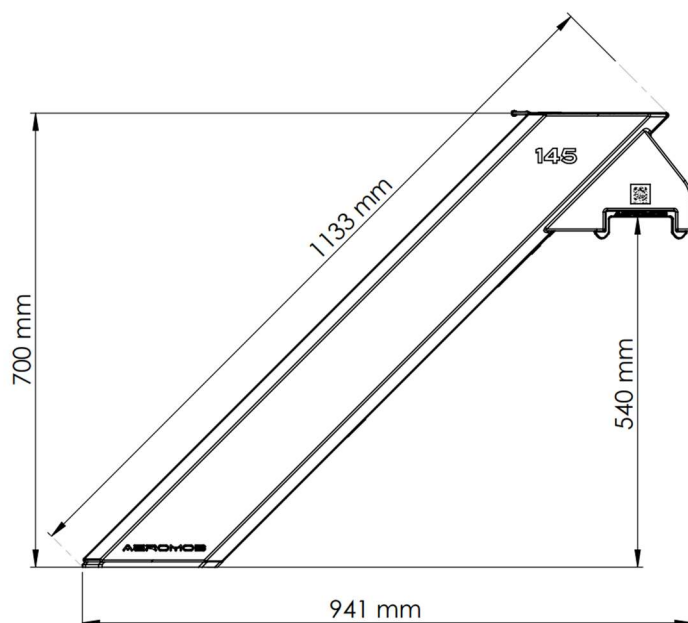
Throughout the manual you will find references such as:



## BASIC EQUIPMENT DIMENSIONS

This equipment has the following dimensions:

Weight: 2,8 Kg



## **SUMMARY**

<b>INSPECTIONS CHECKLIST .....</b>	<b>01</b>
 <b>SUBPART 03 – ROUTINE MAINTENANCE (CLEANING and STORAGE) .....</b>	<b>02</b>
Equipment Cleaning MM AM-LDR-145-K01/3-1 .....	03
Storage MM AM-LDR-145-K01/3-2 .....	04
 <b>SUBPART 04 – DISASSEMBLY AND ASSEMBLY .....</b>	<b>05</b>
Disassembly / Assembly – Separation of Components MM AM-LDR-145-K01/4-0 .....	06
 <b>SUBPART 05 – TESTING AND CALIBRATION .....</b>	<b>00</b>
No items applicable to this equipment .....	00
 <b>SUBPART 06 – INSPECTIONS .....</b>	<b>08</b>
Wear Check MM AM-LDR-145-K01/6-0 .....	09
 <b>TROUBLESHOOTING.....</b>	<b>00</b>
No items applicable to this equipment .....	00



## INSPECTIONS LIST

DESCRIPTION	CODE	FREQUENCY
Wear Check	MM AM-LDR-145-K01/6-0	10 years / 5000 cycles

The other components are ON-CONDITION and must be in perfect condition. The use of the equipment is permitted only if the set is complete and in perfect working condition. It is expressly prohibited and dangerous to use the equipment with any part, information plate or component missing. If it is necessary to replace any item or component, contact Aeromob. The equipment must contain all items declared in the IPC, to ensure the equipment is complete and safe for operation.

**Keeping the equipment clean, in addition to making it more beautiful, is very important for your safety. Dirt can hide abnormalities that could potentially cause failure. During cleaning, it is necessary to check for the presence of cracks, gaps, deformations, noise, misalignment and any other wear or irregular characteristics.**

**SUBPART 03**

**ROUTINE PROCEDURES**

## **Equipment Cleaning**

MM AM-LDR-145-K01/3-1

**A. Applicable documents**

N/A

**B. Specials Tools**

N/A

**C. Materials**

- a. Alcohol e clean cotton waste.

**D. Routine Spare Parts**

N/A

**E. Work Setup**

- a. Put the equipment in a clean environment with good lighting.

**F. Cleaning Procedure**

- a. Apply the cotton waste with alcohol to all metal parts of the equipment to remove dirt.

## **Storage**

MM AM-LDR-145-K01/3-2

**A. Applicable documents**

N/A

**B. Specials Tools**

N/A

**C. Materials**

N/A

**D. Routine Spare Parts**

N/A

**E. Work Setup**

N/A

**F. Procedure**

- a. Placing the Ladder inside the Luggage Rack, in the space between the luggage and the door.

**SUBPART 04**

**DISASSEMBLY AND ASSEMBLY**

## **Disassembly / Assembly – SEPARATION OF COMPONENTS**

MM AM-LDR-145-K01/4-0

### **A. Applicable Documents**

- a. IPC AM-LDR-145-K01.

### **B. Specials Tools**

N/A

### **C. Materials**

N/A

### **D. Routine Spare Parts**

N/A

### **E. Work Setup**

- a. Place the equipment on a clean, lined or protected worktop.

### **F. Disassembly procedure**

- a. Loosen Shoes Screws (1-1/10), (1-1/2), (1-1/3) and (1-1/4).

### **G. Assembly procedure**

- a. Replace the Shoes (1-1/2), (1-1/3) e (1-1/4).
- b. Tighten the screws (1-1/10) leaving the Shoes firm.

## **SUBPART 06**

## **INSPECTIONS**

## **WEAR CHECK**

MM AM-LDR-145-K01/6-0

### **A. Applicable Documents**

- a. IPC AM-LDR-145-K01.

### **B. Specials Tools**

N/A

### **C. Materials**

N/A

### **D. Routine Spare Parts**

N/A

### **E. Work Setup**

- a. Execution of clear conform card MM AM-LDR-145-K01/3-1.
- b. Put the equipment in a clean environment with good lighting.

### **F. Check procedure**

- a. Check the wear and deformation of the Bottom Shoe. Consider minimum wear thickness as 3mm. There are no wear considerations for the Upper Support Shoe.