

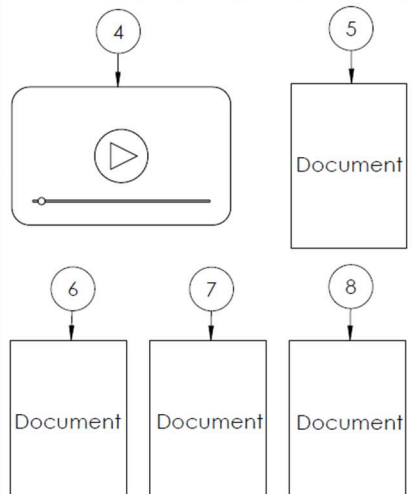
EQUIPMENT MANUFACTURER: AEROMOB EQUIPAMENTOS AERONÁUTICOS LTDA


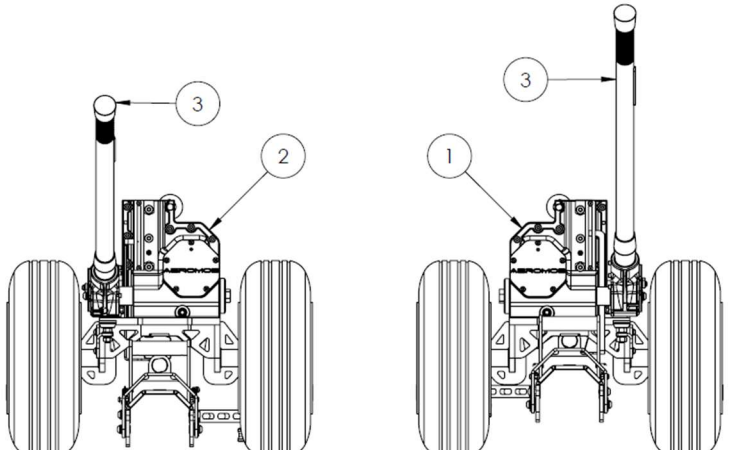
EQUIPMENT NAME: HARDMOB 145D

EQUIPMENT DESCRIPTION: MECHANICAL GROUND HANDLING WHEELS SET, WITH ATM SYSTEM® - Aeromob Torque Multiplier System, patented by AEROMOB.

EQUIPMENT PART NUMBER: AM-HDM-145D-K01 and AM-HDM-145DS-K01

PART NUMBER: AM-HDM-145D-K01



ITEMS OF PART NUMBER: AM-HDM-145D-K01			
ITEM NUMBER	DESCRIPTION	PART NUMBER	QTY
1	LEFT GROUND HANDLING WHEELS	AM-HDM-145D-MT1	1
2	RIGHT GROUND HANDLING WHEELS	AM-HDM-145D-MT2	1
3	LEVER BAR	AM-HDM-145D-M04	2
4	USER VIDEO MANUAL (MP4)	UVM-AM-HDM-145D-K01	1
5	USER MANUAL (PDF)	UM-AM-HDM-145D-K01	1
6	ILLUSTRATED PARTS CATALOGUE - IPC	IPC-AM-HDM-145D-K01	1
7	FLIGHT MANUAL SUPPLEMENT	FMS-AM-HDM-145D-K01	1
8	MAINTENANCE MANUAL	MM-AM-HDM145D-K01	1

APPROVED USE:

The HARDMOB 145D equipment has the function of lifting the aircraft off the ground and enabling the handling of the helicopter. The HARDMOB 145D is approved for use on Airbus H145D2 and H145D3 model helicopters in all versions, including Mercedes versions that have fairings on the cross tube, with a maximum weight of 3.500 kg (7.716 lbs). The model variation AM-HDM-145DS-K01 can be used for skids with floaters and wire fairings.

The use of this equipment in other helicopter models, above the maximum weight capacity, or for non-approved functions, is expressly prohibited.

Written by Date: LUÍS MENEGHELLI 29/APR/2024	Approved by Date: PHIL XAVIER 29/APR/2024
Updated by Date: MATEUS FREITAS 10/JUL/2025	Approved by Date: PHIL XAVIER 10/JUL/2025

LIMITATIONS

Tires must be inflated to 105 psi (7.3 bar). It is mandatory that all 4 tires are calibrated before using the equipment. If there is a variation in the ambient temperature of more than 10°C from the day of calibration until the time of use of the equipment, the tires must be recalibrated before use. Calibration below the specified in this manual will make the aircraft handling heavier and reduce the clearance between the helicopter and the ground.

WARNING: INCORRECT CALIBRATION CAN LEAD TO PERSONNEL INJURY AND/OR EQUIPMENT DAMAGE.

A minimum of 2 people is required to leverage and lift the aircraft, with one person responsible for leverage and another to hold the helicopter's tail in case the tail tends to lower. The tendency to lower the tail will depend on the level of the surface in use, as well as the position of the aircraft's Center of Gravity, which will vary depending on the amount of fuel supplied in the aircraft and the basic empty CG of your helicopter. To move the aircraft with human strength, at least 3 people are needed, one person to hold the helicopter by the tail and two others to push the aircraft, holding on to the skid's cross-tube.

It is prohibited to use the equipment with people or luggage inside the aircraft. The set has a load capacity of 3.500 kg (7.716 lbs) distributed across the pair of wheels.

Regarding the type of rolling surface, it is approved for use on paved floors, firm grass or firm ground, with permitted installation of the equipment and movement of the aircraft on ground with a slope of up to 5%. Use on uneven terrain that causes severe vibrations or jolts is not permitted, as it may pose a risk of damage to the aircraft and/or operators close to the aircraft.

Rolling is limited to walking speed when moved by human power and up to 6 km/h when the aircraft is being towed by a motorized vehicle. To tow the helicopter with a motorized vehicle, it is recommended to use the AEROMOB's CARTMOB (PN AM-CRT-K02) tow bar due to its height, which favours the forward CG of the aircraft during towing.

Use of the equipment is only permitted if the set is complete and in perfect working conditions. It is strictly prohibited and dangerous to use the equipment with any part, information plate or component missing. If it is necessary to replace an item or component, contact the manufacturer.

It is strictly prohibited and dangerous to use the equipment with any part or component that is not part of this set and/or that has not been supplied by the manufacturer.

USE INSTRUCTION

The operational use of the equipment must be carried out in accordance with the User Manual (PN UM-AM-HDM-145D-K01) and the User Video Manual (PN UVM-AM-HDM-145D-K01). To access the updated version of the User Manual, access the link: www.aeromob-industry.com/support-am-hdm-145d-k01 or just scan the QR CODE available in this FMS.

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REQUIRED MAINTENANCE

The overhaul plan and any necessary maintenance procedures must be carried out in accordance with the maintenance manual (PN MM-AM-HDM-145D-K01). To access the updated version of the Maintenance Manual, access the link: www.aeromob-industry.com/support-am-hdm-145d-k01 or just scan the QR CODE available in this FMS.

SPARE PARTS

The Illustrated Parts Catalog - IPC (PN IPC-AM-HDM-145D-K01) is the official reference document for ordering spare parts. To access the updated version of the Illustrated Parts Catalog, access the link: www.aeromob-industry.com/support-am-hdm-145d-k01 or just scan the QR CODE available in this FMS.

WARRANTY

Your equipment has a 1 (year) warranty and, if necessary, it can be requested directly from AEROMOB through the link: www.aeromob-industry.com/support-am-hdm-145d-k01 or by scanning the QR CODE available in this FMS.

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ACCESS TO ALL UPDATED DOCUMENTATION

Below is a list of files and documents available to the customer of this equipment and the QR CODE for access to the always up-to-date version:

(PN FMS-AM-HDM-145D-K01) SUPPLEMENT TO THE FLIGHT MANUAL

(PN UM-AM-HDM-145D-K01) USER MANUAL

(PN UVM-AM-HDM-145D-K01) USER VIDEO MANUAL

(PN MM-AM-HDM-145D-K01) MAINTENANCE MANUAL

(PN IPC-AM-HDM-145D-K01, PN IPC-AM-145DS-K01) ILLUSTRATED PARTS CATALOG



www.aeromob-industry.com/support-am-hdm-145d-k01

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