

EQUIPMENT MANUFACTURER: AEROMOB EQUIPAMENTO AERONÁUTICOS LTDA

EQUIPMENT NAME: AEROLADDER 429

EQUIPMENT DESCRIPTION: CARBON FIBER LADDER WITH RETRACTABLE HANDRAILS

EQUIPMENT PART NUMBER: AM-LDR-429-K02, AM-LDR-429-K03, AM-LDR-429-K04

PRODUCT VERSIONS

AEROMOB manufactures 4 versions of each AEROLADDER 429 model:

PN: AM-LDR-429-K01: Ladder with the features of the standard set, weighing 2.8kg.

PN: AM-LDR-429-K02: Ladder with all the features of the standard set and also a RETRACTABLE HANDRAIL SET installed on the RIGHT side of the ladder.

- Providing greater support and safety to passengers during boarding and disembarking.
- Handrail with retractable system, taking up the minimum amount of space necessary when in the retracted position, aligned with the ladder stringer.
- Robust and practical locking and unlocking system.

Note: In addition to the external retractable handrail assembly, the system includes an internal structural reinforcement in the ladder monobloc. Part number AM-LDR-429-K02 has 2.2 kg additional weight compared to part number AM-LDR-429-K01.

PN: AM-LDR-429-K03: Ladder with all the features of the standard set and also a RETRACTABLE HANDRAIL SET installed on the LEFT side of the ladder.

- Providing greater support and safety to passengers during boarding and disembarking.
- Handrail with retractable system, taking up the minimum amount of space necessary when in the retracted position, aligned with the ladder stringer.
- Robust and practical locking and unlocking system.

Note: In addition to the external retractable handrail assembly, the system includes an internal structural reinforcement in the ladder monobloc. Part number AM-LDR-429-K03 has 2.2 kg additional weight compared to part number AM-LDR-429-K01.

PN: AM-LDR-429-K04: Ladder with all the features of the standard set and also two RETRACTABLE HANDRAIL SETS, one installed on the RIGHT side and the other on the LEFT side of the ladder.

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Note: In addition to the external retractable handrail assembly, the system includes an internal structural reinforcement in the ladder monobloc. Part number AM-LDR-429-K04 has 4.4 kg additional weight compared to part number AM-LDR-429-K01.

It is worth highlighting that the equipment is identified in a generic way by the name AEROLADDER 429 and PN: AM-LDR-429, however the specific identification of your equipment will be according to one of the Part Numbers referenced below in accordance with the Model and Version already described.

AM-LDR-429-K02**AM-LDR-429-K03****AM-LDR-429-K04**

This FMS applies to all AEROLADDER 429 PART NUMBERS referenced above.

APPROVED USE

The equipment AEROLADDER 429, has the function of accessibility for helicopters passengers. The AEROLADDER 429 is intended for use on Bell 429 helicopters in all versions, including versions with floats installed.

The equipment is approved for passengers up to 287lb / 130kg, with the maximum of 1 (one) passenger at a time and for the exclusive use of boarding and disembarking the aircraft.

The use of this equipment on other helicopter models, people above the approved weight and/or for unapproved functions, is expressly prohibited.

LIMITATIONS

- The equipment is approved for embark and disembark of passengers weighing up to 287lb/130kg, with a maximum of 1 (one) passenger at a time. The ladder is intended for exclusive use for boarding and disembarking the aircraft at walking speed and IS NOT INTENDED FOR JUMPS OR IMPACT.
- The AEROLADDER 429 can be used on paved floors, firm grass or firm hard ground, with installation of the equipment on the aircraft permitted on soils with up to a 5% slope, as long as the lower side rails are fully engaged with the ground. Use on uneven ground that leaves the ladder poorly supported is prohibited and dangerous.
- The handrail is intended to provide balance while embarking and disembarking, and is not intended to support a leaning person's weight.
- Cannot be used if wind speed is above 30 km/h (16.1 knots).
- The use of equipment is safe only if the set is complete and in perfect working order. It is expressly prohibited and dangerous to use the equipment with any part or component missing or using a component that is not part of this set and/or that has not been supplied by the manufacturer. If it is necessary to replace an item or component, consult the Illustrated Parts Catalog - IPC through the link:

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www.aeromob-industry.com/support-am-ldr-429-k02, or by scanning the QR CODE at the end of this document.

INSTRUCTIONS FOR USE

The usage procedure must be carried out according to the User Manual (PN UM-AM-LDR-429-K02). To access the updated version of the User Manual, access the link: www.aeromob-industry.com/support-am-ldr-429-k02 or just scan the QR CODE available on this FMS.

REQUIRED MAINTENANCE

The revision plan and any necessary maintenance procedures must be carried out in accordance with the equipment maintenance manual (MM-AM-LDR-429-K02). To access the updated version of the Maintenance Manual, access the link: www.aeromob-industry.com/support-am-ldr-429-k02 or just scan the QR CODE available on this FMS.

SPARE PARTS

The Illustrated Parts Catalog - IPC is the official reference document for ordering spare parts. Consult the IPC associated with your equipment model. To access the updated version of the Illustrated Parts Catalog, go to: www.aeromob-industry.com/support-am-ldr-429-k02 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.com.br/support-am-ldr-429-k02 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-LDR-429-K02) FLIGHT MANUAL SUPPLEMENT

(PN UM-AM-LDR-429-K02) USER MANUAL

(PN MM-AM-LDR-429-K02) MAINTENANCE MANUAL

(PN IPC-AM-LDR-429-K02, IPC-AM-LDR-429-K03 e IPC-AM-LDR-429-K04) ILLUSTRATED PARTS CATALOG



www.aeromob-industry.com/support-am-ldr-429-K02

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