EQUIPMENT MANUFACTURER: AEROMOB HELICOPTER PARTS INDUSTRY

EQUIPMENT NAME: AEROLADDER 160

EQUIPMENT DESCRIPTION: CARBON FIBER LADDER FOR ACCESSIBILITY OF PASSENGERS WITH REDUCED MOBILITY AND VIPs.

EQUIPMENT PART NUMBER: AM-LDR-160

PRODUCT VERSIONS

AEROMOB manufactures 4 versions of each AEROLADDER 160 model:

PN: AM-LDR-160-K01: Ladder containing all the benefits of the standard set, weighing 2.8kg.

PN: AM-LDR-160-K02: Ladder containing all the benefits 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 side profile of the ladders.

▪ Robust and practical locking and unlocking system.

Note: In addition to the external retractable handrail assembly, the system includes the structural incorporation of internal reinforcement in the ladder monoblock. Part number AM-LDR-160-K02 has 2.2kg additional weight compared to part number AM-LDR-160-K01.

PN: AM-LDR-160-K03: Ladder containing all the benefits 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 side profile of the ladders.

▪ Robust and practical locking and unlocking system.

Note: In addition to the external retractable handrail assembly, the system includes the structural incorporation of internal reinforcement in the ladder monoblock. Part number AM-LDR-160-K03 has 2.2kg additional weight compared to part number AM-LDR-160-K01.

PN: AM-LDR-160-K04: Ladder containing all the benefits of the standard set and also 2 RETRACTABLE HANDRAIL SETS, one installed on the RIGHT side and the other on the LEFT side of the ladder.

Note: In addition to the external retractable handrail assembly, the system includes the structural incorporation of internal reinforcement in the ladder monoblock. Part number AM-LDR-160-K04 has 4.4kg additional weight compared to part number AM-LDR-160-K01.

Therefore, it is worth highlighting that the equipment is identified in a generic way by the PN: AM-LDR-160, 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-160-K01 **AM-LDR-160-K02** **AM-LDR-160-K03** **AM-LDR-160-K04**

This FMS applies to all AEROLADDER 160 PART NUMBERS referenced above.

APPROVED USE

The AEROLADDER 160 equipment has the function of an accessibility ladder for boarding and disembarking passengers and is approved for use on Airbus H160 model helicopters, according to its approved model and version. Any of the approved versions and models are also compatible with said skis with emergency floats installed.

The equipment is approved for use by passengers weighing up to 287lb / 130kg, with a maximum of 1 (one) passenger at a time. The ladder is approved for exclusive use for boarding and disembarking the aircraft at walking speed, and is not intended for use in jumps or impacts.

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

GENERAL

▪ Monoblock construction in flame-retardant carbon fiber

LIMITATIONS

▪ Regarding the type of approved surface, the AEROLADDER 160 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. Use on uneven ground that leaves the ladder poorly supported is prohibited.

▪ Only the use of equipment is permitted if the set is complete and in perfect working order. It is expressly prohibited and dangerous to use the equipment with any part, information plate, 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 or contact the manufacturer.

INSTRUCTION FOR USE

The operational use of the equipment must be carried out in accordance with the User Manual exclusive to the part number of your equipment.

To access the updated version of the User Manual, access the link: https://www.aeromob-industry.com/pt/support-am-ldr-160-k01, or just scan the QRCODE available in this FMS.

Basic operational description:

The ladder must be completely fitted into the Aircraft Footstep, aligned with the passenger exit door. DANGER: Never use the ladder for boarding or disembarking without ensuring that the ladder is fully engaged in the Footstep and with both feet of the ladder in contact with the ground.

ATTENTION: The function of the basic description is for guidance purposes only, and full use of the information available in the User Manual as referenced in this FMS is mandatory before any use of the equipment.

REQUIRED MAINTENANCE

The review plan and any necessary maintenance procedures must be carried out in accordance with the Maintenance Manual exclusive to the part number of your equipment.

To access the updated version of the Maintenance Manual, access the link: https://www.aeromob-industry.com/pt/support-am-ldr-160-k01, or just scan the QRCODE available in this FMS.

SPARE PARTS

The Illustrated Parts Catalog - IPC is the official reference document for ordering replacement parts, consult the exclusive IPC of the part number of your equipment.

To access the updated version of the Illustrated Parts Catalog, access the link: https://www.aeromob-industry.com/pt/support-am-ldr-160-k01, or just scan the QRCODE 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-160-k01 or by scanning the QRCODE available in this FMS.

RECOMMENDATIONS

Highly important equipment for Helicopters with Floats, as it protects the floats against daily knocks when used as boarding and disembarking steps by passengers, which creates a high risk of hidden damage to the safety buoyancy system.

ACCESS TO ALL UPDATED DOCUMENTATION

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

(PN FMS-AM-LDR-160) SUPPLEMENT TO THE FLIGHT MANUAL

(PN UVM-AM-LDR-160) USER MANUAL VIDEO

(PN MM-AM-LDR-160) MAINTENANCE MANUAL

(PN IPC-AM-LDR-160) ILLUSTRATED PARTS CATALOG

www.aeromob-industry.com/support-am-ldr-160-k01

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