

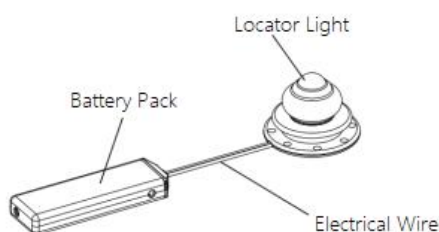


LNK-AL15 TECHNICAL INFORMATION

The ACR LNK-AL15 Rescue Light is a reserve battery powered aviation survivor locator light, which is secured to a life jacket or life preserver for the purpose of facilitating location of persons who have survived an emergency at sea. The light is designed and manufactured to meet FAA TSO-C85b and CAAC CTSO-C85b requirements.

BEFORE YOU BEGIN

Please read the following instructions in their entirety prior to beginning the installation process.



LNK-AL15 DESCRIPTION

The ACR LNK-AL15 will automatically activate when the light is immersed in water. Once activated, a steady white light of more than 1 candela light intensity will be output for at least 8 hours continuously.

PART NUMBERS

The LNK-AL15 is available as three different part numbers. The only difference between each being the wire length. Available part numbers can be referenced in the table below:

Part Number	Description	Cable length in Inches/cm
1503023B	LNK-AL15 FAA Approved Lifejacket Light	9" / 23 cm
1503046B	LNK-AL15 FAA Approved Lifejacket Light	18" / 46 cm
1503061B	LNK-AL15 FAA Approved Lifejacket Light	24" / 61 cm

MARKING

The applicable part number (P/N) of the light can be found printed on the case of the battery pack. The manufacturing date (MFG) of the light is also listed (eg. "MFG:1909-1" indicates that the light is manufactured in September 2019 and it is part of the first production batch of lights made that month. If it were part of the second batch of lights made that month, it would be shown as "MFG:1909-2").

INSPECTION

Visually inspect the battery pack for any swelling or deformation and to see if it is worn, scratched, or cracked. If any defective appearance is found, the defective light should be removed and replaced by a new light. After inspecting the light, the inspector should sign and write the inspection date in the inspection table printed on the case of the battery pack.

INSTALLATION

Installation limitation statement – "The conditions and tests for TSO approval of this article are minimum performance standards. Those installing this article, on or in a specific Type or class of aircraft, must determine that the aircraft installation conditions are within TSO standards. TSO articles must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements."

Installation Requirements – The LNK-AL15 survivor locator light can be installed on aviation life jackets, life rafts, and lifeboats which are carried by airplanes. The light should be firmly mounted on the device and the upper hemisphere of the light should be clearly seen in the 360° horizontal direction without any obstacle. The battery pack should also be firmly installed on the device and the installation position must ensure that the battery pack will be immersed in water when the floating device drops in water.

The following images depict a life jacket installation example. Figure 1 shows the installation of the locator light. Figure 2 shows the installation of the battery pack (the image on the far right shows the battery pack and the surface to which it is going to be attached, the middle image and the image on the far left show different profiles of the battery pack attached to the applicable surface). Figure 3 shows the complete installation scenario.

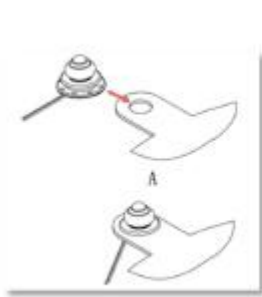


Figure 1

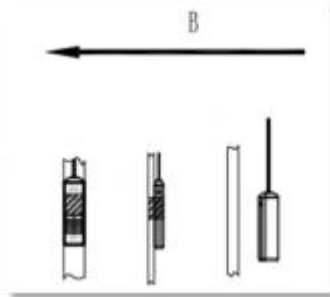


Figure 2

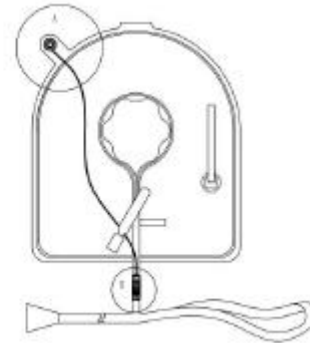


Figure 3

STORAGE REQUIREMENTS

The LNK-AL15 should be stored in a clean and liquid free environment. The storage temperature should be within - 30°C ~ +65°C (-22°F ~ +149°F) and the environment humidity should be less than 80%. The product should remain in the original packaging until installation occurs.

SERVICE LIFE

The LNK-AL15 adopts a reserve battery. The service life of the light remains indefinite assuming the above storage requirements are met and as long as the battery pack has not come into contact with water.

CUSTOMER SUPPORT INFORMATION

<p>1.) For general product support information, please contact ACR Technical Service: Email: service@acrartex.com Tel: +(954) 981-3333 Fax: +(954) 983-5087</p>	<p>Address: Technical Service ACR Electronics, Inc. 5757 Ravenswood Road Fort Lauderdale, FL 33312 USA</p>
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LIMITED WARRANTY

This product is warranted against factory defect in material and workmanship for a period of one year from date of purchase or receipt as a gift. During the warranty period ACR Electronics, Inc. will, at its option, repair or replace the unit at no cost to you for labor, materials or return transportation. For further assistance please contact our Technical Service Department.

This warranty does not apply if the product has been damaged by accident or misuse, or as a result of service or modification by other than the factory. Except as otherwise expressly stated above, the COMPANY MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER MATTER WITH RESPECT TO THIS PRODUCT. The Company shall not be liable for consequential or special damages.