



**UNDERWATER ACOUSTIC  
MODEL DK120  
DUKANE CORPORATION**

**Seacom Division St. Charles, MO  
TSO-C121**

**WARNING: DO NOT DISASSEMBLE, CRUSH, PENETRATE, INC  
EXPOSE TO TEMPERATURES ABOVE 160°F. SEE TECHNICAL  
NECESSARY INFORMATION CONCERNING INSTALLATION,  
MAINTENANCE, AND DISPOSAL. REMOVE FROM SERVICE  
DATE SHOWN BELOW.**



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REPLACE BEACON/BATTERY BY END OF

SERIAL NO.

NOV 2029

0  
1  
2

DU 49269

1. Approving Civil Aviation Authority/Country <b>FAA/UNITED STATES</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: <b>KVXUA0001001001</b>
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4. Organization Name and Address: <b>Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F</b>		5. Work Order/Contract/Invoice Number: <b>KVXUA</b>	
6. Item: <b>1</b>	7. Description: <b>UNDERWATER ACOUSTIC BEACON</b>	8. Part Number: <b>DK120</b>	9. Quantity: <b>1</b>
		10. Serial Number: <b>DU49269</b>	11. Status/Work: <b>Repaired</b>

12. Remarks:

Discrepancy: Bench test.

Preliminary Findings: Unit received with damaged label, but no critical information is missing other than code letter. Inspected and was able to determine beacon is code C based on installed battery. Battery cover is also slightly damaged but still able to remove/install. Bench checked and found unit operates properly. Battery is past expiration and will require replacement.

Corrective Actions: Installed OEM battery replacement kit. Cleaned, inspected, and repaired as necessary. Function tested per DUKANE CORPORATION Underwater Acoustic Beacon Models DK100/DK120/DK130/DK140 Technical Manual, Revision C, dated 04/30/2020.

New battery expires NOV 2029.

Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW EASA part 145, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392. All EASA/FAA Airworthiness Directives are the responsibility of the installer. No current U.S. Airworthiness Directives apply. All EASA AD's have been researched, none apply.

Technician: Dennis Smolik  
 This document constitutes a signed copy of the work order  
 Approval for return to service  
 See attached parts list

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval Authorization No.:	14b. Authorized Signature: <i>Andrew Berg</i>	14c. Approval/Certificate No.: <b>DUNCAN QI 1454 JGVR194F</b>
13d. Name (Type or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Type or Printed): <b>Andrew Berg</b>	14e. Date (dd/mm/yyyy): <b>10 Dec 2024</b>

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.