

**OFFICIAL RECORD COPY**

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Lockheed Martin Corporation                  Electronics &amp; Missiles, World Wide Lantirn Depot</p> <p>2. P.O. Box 2348                  Warner Robins, GA 31099-2348</p>	<p>3. License No. 10-25439-01</p> <p>4. Expiration date August 31, 2008</p> <p>5. Docket No. 030-34766                  Reference No.</p>
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Americium-241</p> | <p>7. Chemical and/or physical form</p> <p>A. Foil sources (Amersham Model AMM)</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed 166.5 kilobecquerels (4.5 microcuries); No single Laser Transmitter-Receiver unit to exceed 333.0 kilobecquerels (9 microcuries)</p> |
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9. Authorized use
- A. For the removal and replacement of Laser Transmitter-Receiver units (Laser Designator Ranger Modules) in Low Altitude Navigation InfraRed for Night (LANTIRN) Targeting Pods.

**CONDITIONS**

10. Licensed material shall be used only at the licensee's facilities located at Building 640, Door X19, Page Road, Robins AFB, GA.
11. A. Licensed material shall be used by, or under the supervision of, James D. Kincaid.
- B. The Radiation Safety Officer for this license is James D. Kincaid.
12. Laser Transmitter-Receiver units (Laser Designator Ranger Modules) containing licensed material shall not be opened or the foil sources removed from the Laser Transmitter-Receiver units (Laser Designator Ranger Modules) by the licensee.

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.  
10-25439-01

Docket or Reference No.  
030-34766

13. Maintenance, repair, cleaning, replacement, and disposal of foil sources contained in Laser Transmitter-Receiver units (Laser Designator Ranger Modules) shall be performed only by the device manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
15. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
16. A. The licensee may not possess and use materials authorized in Items 6, 7, and 8, until: (1) the licensee has constructed facilities and obtained the equipment described in the application and supporting documentation; and (2) the U.S. Nuclear Regulatory Commission, Region II, ATTN: Chief, Materials Licensing and Inspection Branch, has been notified in writing that activities authorized by the license will be initiated.  
 B. In accordance with the requirements set forth in 10 CFR 30.36(b), the licensee shall promptly notify the Nuclear Regulatory Commission, in writing, of a decision not to complete the facility, acquire equipment, or possess and use authorized material.
17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
  - A. Application dated May 5, 1998
  - B. Letter dated August 4, 1998 [Fax letter replacing pages A2, D21-22 of Application]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

JAY L. HENSON

Date AUG 07 1998

By Jay L. Henson  
 Region II, Division of Nuclear Materials Safety  
 61 Forsyth Street, SW, Suite 23T85  
 Atlanta, GA 30303

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8/7/98