

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Page 1 of 2 Pages

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Name	McDonnell Aircraft Corporation	3. License number
2. Address	St. Louis Missouri	24-2261-3 (561)
		4. Expiration date
		April 30, 1961
		5. Reference No.
		24-2261-1
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time
A. Cesium 137 (See Page X)	A. Sealed Sources (Nuclear Consultants; custom)	A. 100 millicuries - maximum activity in a single source not to exceed 4 microcuries
9. Authorized use		
A. For use in the tagging of bucking bars used in aircraft manufacture to facilitate detection inside structural members after manufacture.		
B. For use in aircraft in-flight refueling equipment.		

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
11. The licensee shall comply with the provisions of Title 10, Part 30, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation."
12. Byproduct materials shall be used by, or under the direct supervision of, W. L. Koster, C. G. Young, J. G. Harris or E. A. Lamb.
13. Byproduct material as sealed sources shall not be opened.
14. Byproduct material shall not be used in products distributed to the public.

Date April 8, 1959

For the U. S. Atomic Energy Commission

Original Signed
James R. [Signature]
Chief, Licensing Branch
Division of Licensing and Regulation
Washington 25, D. C.

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Supplementary Sheet

24-2341-3

License Number (2441)

CONTENTS:

- | | | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <p>4. Byproduct material
(element and waste
number)</p> | <p>7. Chemical and/or
physical form</p> | <p>8. Maximum amount of
radioactivity which
licensee may possess
at any one time</p> |
| <p>B. Krypton 85</p> | <p>2. Gaseous form
(U. S. Atomic
light source
model LAD-434-1A)</p> | <p>2. 5 curies of LFO
milliecuries each
16 curies of R
milliecuries each
Total = 2 curies</p> |

For the U. S. Atomic Energy Commission

Original Signed By
James R. Mason

by Chief, Licensing Branch
Division of Licensing and Regulation
Washington 25, D. C.

Date April 8, 1958

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