



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON DC

10 Dec 12

MEMORANDUM FOR 5 AMXS/CC

FROM: AFMSA/SG3PB

SUBJECT: Issuance of USAF Radioactive Material Permit No. ND-00693-00/00AFP, Docket No. 030-00693

1. Per your request, we have issued the subject permit. TSgt Joseph Frey is the RICS approved Permit Radiation Safety Officer (PRSO). TSgt Maliek Wilson is the RICS approved Alternate PRSO. The maximum quantity authorized is 20 devices. The subject permit is attached. The inspection category for this permit is 03124; the inspection frequency for this permit is every 5 years, unannounced. This permit expires 31 Dec 2017.
2. Please review the permit carefully to ensure that it authorizes the materials and/or devices, uses, and authorized users as requested, and that you understand all conditions. As a reminder, IAW AFI 40-201, *Managing Radioactive Materials in the USAF*, you must timely notify this office of any changes to the Permittee, RSO(s), and/or authorized users.
3. If you have any questions, please contact me at DSN 761-7855 or E-Mail at daniel.shaw@pentagon.af.mil or David Cessor-Culver at DSN 761-6946 or E-Mail at david.cessor-culver.ctr@pentagon.af.mil. Our page address is https://kx.afms.mil/rad_prot. Our after-duty-hours Incident/Accident Reporting phone number is 301-981-5058 (DSN 858).

A handwritten signature in black ink, appearing to read "Daniel A. Shaw".

DANIEL A. SHAW, Maj, USAF, BSC
Chief, Radiological Health Operations
USAF Radioisotope Committee Secretariat
Air Force Medical Support Agency

Attachment:
Permit Number ND-00693-00/00AFP

cc:
HQ AFIA/SGI (Maj Sassi)

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE

Pursuant to the authority stated in AFI 40-201, Managing Radioactive Materials in the USAF, and in reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer and store radioactive materials listed below, and to use this material for the purpose and at the places listed below. This document is not a valid permit unless it is endorsed by a representative of the USAF Radioisotope Committee.

1. ORGANIZATION 5 AMXS/CC 848 Fighter Road Minot, AFB ND 58705	2. PERMIT NO. ND-00693-00/00AFP	3. AMENDMENT NO. 0
	4. EXPIRATION DATE 31-Dec-2017	
	5. DOCKET NO. 030-00693	

6. PERMIT RSO: TSgt Joseph Frey	7. ALTERNATE PERMIT RSO: TSgt Maliek Wilson
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8. RADIOACTIVE MATERIAL (Element and Mass Numbers) A. Americium-241	9. CHEMICAL/PHYSICAL FORM (NSN or Model Number) (* denotes sealed sources) * A. Plated Foils, AEA Technology/QSA, Inc. Model # AMM (except for JFS EOTS) or AMM.1001H (appropriate for JFS EOTS)	10. MAXIMUM QUANTITY AUTHORIZED A. 20 devices, 2 sources per device, not to exceed 6 microcuries per source; total activity 240 microcuries
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11. AUTHORIZED USE
A. Static Eliminator Target Designator/Ranger Target Sight Systems (SSDR # FL-1116-D-0101-S) as listed in condition 15.

CONDITIONS

12. The authority for this permit is US Nuclear Regulatory Commission (NRC) Master Material License No. 42-23539-01AF issued to the USAF Radioisotope Committee and AFI 40-201, Managing Radioactive Materials in the USAF.
13. The permittee shall comply with the provisions of Title 10, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections," Part 20, "Standards for Protection Against Radiation," and Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material," except that all reports required by those parts must be made to the USAF Radioisotope Committee Secretariat. In addition, the permittee shall comply with AFI 40-201, all applicable Air Force Instructions, and instructions and directives of the USAF Radioisotope Committee necessary to insure compliance.
14. The permitted material may be stored and used at the permittee's facilities as described in the permit application dated 2 Nov 2012, and at temporary sites where the Air Force maintains jurisdiction for regulating use of the permitted material subject to a host nation restrictions under Status of Forces Agreements. The permitted material must be stored in a secured area when not under the direct supervision of an authorized user or Radiation Safety Officer.
15. The permitted material shall be used only as part of Laser Target Designator/Ranger Series (NITEHAWK, LANTIRN, SNIPER/TP/PANTERA, TARGET SITE SYSTEM [TSS], JOINT STRIKE FIGHTER ELECTRO-OPTICAL TARGETING SYSTEM [JSF EOTS], GUNSHIP MULTISPECTRAL SENSOR SYSTEM [GMS2], and SNIPER ATP-SE). These systems shall only be used by qualified maintenance officers or technicians who are properly trained in the operation of the Targeting Set.
16. The Permit and Alternate Permit Radiation Safety Officers (PRSO) shall be those individuals whose training and experience are approved by the USAF Radioisotope Committee Secretariat and are appointed in writing by the Permittee. A copy of the appointment memo must be provided to the USAF Radioisotope Committee Secretariat, AFMSA/SG3PB.

NOTE: For Template Permits, As of 1 October 2001 statement signed by the Commander on page 2 of the Request for Template Permit Action form satisfies this requirement and appointment is not required in a separate memo. Non Template Permit RSO changes are still required on a standard memo.
17. Sealed sources containing permitted material shall not be opened or removed from devices by the permittee.
18. All surveys necessary to verify the presence or absence of alpha emitting contaminants shall be made with the ADM-300 with alpha probe or equivalent.
19. The permittee shall conduct a physical inventory every 6 months to account for all sources received and possessed under this permit. The records of the inventories shall be maintained for 3 years from the date of the inventory and available for inspection by the NRC, the USAF Radioisotope Committee Secretariat, or the Medical Directorate of the Air Force Inspection Agency and shall include: a) inventory date, b) model and serial number of device and/or source, c) radionuclide and activity, d) date

RADIOACTIVE MATERIAL PERMIT

USAF RADIOISOTOPE COMMITTEE

SUPPLEMENTARY

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activity determined, e) device or source location, and f) signature of the Permit RSO certifying the accuracy of the inventory.

20. The permittee shall transport permitted material in accordance with the provisions of 10 CFR 71, "Packaging of Radioactive Material for Transport"; 49 CFR "Transportation", Parts 170 through 189 and Parts 300-399; DTR 4500.9R, Part II, "Defense Transportation Regulations"; and subject to any host nation restrictions under Status of Forces Agreements.
21. Transfer of permitted material may only be to a US Air Force, US Navy or Veteran's Administration Radioactive Material Permittee; or to an NRC or Agreement State Licensee holding a valid authorization to receive the sources. The permitted materials must be disposed of in accordance with AFI 40-201.
22. Except as specifically provided otherwise by this Permit, the possession and use of radioactive material described in Item 8 of the Permit shall be in accordance with statements, representation, and procedures contained in:

DOCUMENT REFERENCE

5 AMXS/CC (Memo w/Atch)

SUBJECT

Permit Application

DATE

02-Nov-2012

The Nuclear Regulatory Commission's regulations and United States Air Force directives shall govern the permittee's statements in applications or letters, unless the statements are more restrictive than the regulations and directives.

FOR THE USAF RADIOISOTOPE COMMITTEE

Date: 10 Dec 2012

By:



DANIEL A. SHAW, Maj, USAF, BSC
Chief, Radiological Health Operations
USAF Radioisotope Committee Secretariat
Air Force Medical Support Agency