

MEMORANDUM OF UNDERSTANDING
BETWEEN
THE DEPARTMENT OF THE AIR FORCE
TACTICAL AIR COMMAND
TACTICAL FIGHTER WEAPONS CENTER
AND
THE DEPARTMENT OF ENERGY
NEVADA OPERATIONS OFFICE

This Memorandum of Understanding (MOU) made by and between the United States Department of Energy, Nevada Operations Office (DOE/NV), represented by the Manager, or his designated representative; and the United States Air Force, Tactical Air Command, Tactical Fighter Weapons Center (TFWC), represented by the Commander, or his designated representative, witnesseth;

WHEREAS, the Commander, TFWC, grants to the Manager, DOE/NV the unconditional use and operational control, for testing purposes, of that land space described below as Pahute Mesa;

and

WHEREAS, the DOE/NV agrees to reduce the radioactive surface contamination levels from underground nuclear test events (designed to contain) on Pahute Mesa to accepted criteria for release of postshot locations prior to return of the area to Air Force domain;

and

WHEREAS, the DOE/NV agrees to accept responsibility for compliance with federal regulations concerning environmental control and any applicable State of Nevada regulations that may apply;

and

WHEREAS, the terms of this agreement outlines the restrictions of overflight of restricted airspace R-4808N and Pahute Mesa by military aircraft;

and WHEREAS, the parties hereto agree that expanded guidelines and procedures for the overflight of R-4808N and Pahute Mesa be defined in Nellis Air Force Base Supplement to AFR 50-46 by mutual agreement;

and

WHEREAS, the parties hereto agree that MOU No. DE-AI08-76NV00093 dated 1 November 1963 and Memorandum of Agreement No. DE-AI08-78NV01568 dated 12 June 1978, are hereby superseded;

and

NOW THEREFORE, in consideration of the foregoing and the provisions hereinafter contained, it is mutually understood and agreed as follows:

1. LAND USE AND DEFINITION

a. In the execution of the nation's underground nuclear weapons test mission, the Department of Energy has need for an area underlaid with unique geological characteristics. Such an area is located partially within the Department of Energy, Nevada Test Site and the Nellis Air Force Base Bombing and Gunnery Range. For purposes of the Memorandum of Understanding, the designated area is referred to as Pahute Mesa. The portion of the area which falls within the Nellis Range is delineated below.

Beginning at a point	N 37š 08' 50", W 116š 26' 44.125";
Thence northwesterly to a point	N 37š 20' 45", W 116š 34' 20";
Thence easterly to a point	N 37š 20' 45", W 116š 27' 00";
Thence northeasterly to a point	N 37š 23' 07', W 116š 22' 30";
Thence easterly to a point	N 37š 23' 07", W 116š 17' 15";
Thence southeasterly to a point	N 37š 19' 47", W 116š 11' 10";
Thence south to a point	N 37š 15' 12.043", W 116š 11'10";
Thence westerly to	N 37š 15' 14.808", W 116š 26' 43.006";
Thence southerly to the beginning point.	

b. Operational control and use of this designated lent mass, includes the construction of roats, drill holea, test support structures and other activities necessary to the testing program and possibly other special DOE projects which are under Jurisdiction of the Manager, NV.

2. AIRSPACE DEFINITIONS

For the purpose of defining restrictions and utilization of Pahute Mesa airspace and R-4808N; which is subdivided (see Attachment 1), the areas are depicted as follows:

a. R-4808E (East)

Beginning at 36 41'N, 115Q 56' W;
 thence direct 36š 41'N, 116š 01' W;
 thence direct 36š 52'N, 116š 18' W;
 thence direct 37š 16'N, 116š 18' W;
 thence direct 37š 16'N, 116š 00' W;
 thence direct 37š 28'N, 116š 00' W;
 thence direct 37š 28'N, 115š 35' W;
 thence direct 37š 06'N, 115š 35' W;
 thence direct 37š 06'N, 115š 56' W;
 thence to point of beginning.

b. R-4808W (West)

Beginning at 36š 41'N, 116š 01' W;
 thence direct 36š 41'N, 116 26' 30" W;
 thence direct 36š 51'N, 116š 26' 30" W

thence direct 36š 51'N, 116š 33' 30" W
thence direct 37š 16'N, 116š 34' W;
thence direct 37š 16'N, 116š 18' W;
thence direct 36š 52'N, 116š 18' W;
thence to point of beginning.

c. PAHUTE MESA

Beginning at 37š 16'N, 116š 11' W;
thence direct 37š 20'N, 116š 11' W;
thence direct 37š 23'N, 116š 17' W;
thence direct 37š 23'N, 116š 22' W;
thence direct 37š 21'N, 116š 27' W;
thence direct 37š 21'N, 116š 34' W;
thence direct 37š 16'N, 116š 31i W;
thence to point of beginning.

3. RESTRICTIONS

a. R-4808E

- (1) Overflight of this area shall be at or above 15,000 feet mean sea level (MSL) if possible and restricted to adversary aircraft as scheduled and emergency aircraft. Other special operations may be conducted when agreed to between Neilis Range Group and DOE/NV.
- (2) Photographs shall not be taken.
- (3) Overflight with live or hung ordnance is prohibited except during an emergency"
- (4) Overflight by foreign national aircrews is prohibited.
- (5) Flight north of 37š 06' and east of 116š 00' is restricted to emergency aircraft only.

b. R-4808W

- (1) Aircrews shall maintain 11,000 feet MSL or above east of Forty Mile Canyon and south of 36š 52'N or until north of the Beatty 066 radial.
- (2) 500 feet above ground level (AGL) or above altitude restriction will apply in the remaining portion of R4808W.
- (3) No supersonic flight.

c. PAHUTE MESA

- (1) Aircrews shall maintain 500 feet AGL or above when overflying Pahute Mesa.
- (2) Supersonic flight is not authorized.
- (3) Ordnance delivery or simulated attack against ground targets is not authorized.

d. DOE/NV reserves the right to place overflight/altitude restrictions in R-4808W and Pahute Mesa when DOE requirements so dictate.

4. SCHEDULING PROCEDURES

- a. Nevada Test Site Operations Coordination Center (CP-1) will advise Nellis Range Group Scheduling Branch (RG/DOF) of any additional restrictions beyond those outlined under paragraph 3 on the use of R-4808E/W and Pahute Mesa. RG/DOF will disseminate CP-1 restrictions.
- b. Airspace use requests outside the parameters outlined in this MOU must be coordinated through RG/DOF and approved by DOE/NV.

5. AMENDMENT, REVIEW, TERMINATION

- a. This MOU may be modified at any time by agreement of the Manager, Nevada Operations Office, and Commander, TFWC.
- b. This MOU will be reviewed as required.
- c. This MOU will remain in effect until the Commander, TFWC, is notified in writing by DOE/NV of a termination date, or until the expiration of Nellis Air Force Base requirements for the use of the airspace, or when terminated by mutual agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum of Understanding.

TACTICAL FIGHTER WEAPONS CENTER

U. S. DEPARTMENT OF ENERGY

[Signed]

[Signed]

Jack I. Gregory, Major General, USAF
Commander

Mahlon E. Gates,
Manager Nevada Operations Office

Date: Jul 30 1982

Date: June 10, 1982

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8/1/96