

VIRGINIA DEPARTMENT OF HISTORIC RESOURCES
 PROPERTY SURVEY FORM
 INTENSIVE LEVEL

IDENTIFICATION INFORMATION

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076-0392-000

VDHR File #

Property Name:
 Current Army Electromagnetic Pulse (EMP) Simulator
 Operation (AESOP)

Wuzit: Test Equipment

County/City: Prince William Magisterial District:

Tax Code: Section Parcel
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USGS Map: USGS Quad: Fort Belvoir

ADDRESS/LOCATION INFORMATION

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Address:

Location: U.S. Army Laboratory Command, Woodbridge Research Facility

Vicinity of: X Municipality: Woodbridge ZIP

PROPERTY CLASSIFICATION INFORMATION

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Ownership: Public - Federal

NRHP Resources/Wuzits Count:

Resource Categories Contributing?

1	Structure	Contributing	
			TOTAL: 1
			Contrib: 1
			Non-Con: 0

Wuzit Categories Contributing?

1	Test Equipment	Contributing	
			TOTAL: 1
			Contrib: 1

Non-Con: 0

SITE INFORMATION

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Site Plan? (Use reverse side of paper) Y

Acreage: 1.0 Square Footage of Lot: 0

Physical Character of General Surroundings: Military Facility

Physical Character of Immediate Setting: Open Field

Slope of Site:

Orientation of Primary Resource: E-W Axis

Site Description Notes: AESOP is situated at the edge of a terrace in the northern corner of the Woodbridge Research Facility.

Notable Landscape Features:

PROPERTY INFORMATION

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Name of Formal Historic District Containing Property:

Name of Potential Historic District?

Property Status:

Property Boundaries:

Boundary Justification:

HISTORIC EVENTS

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Event

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Cold War

Dates: / /1945 - / /1992

Associated Cost: 0 Source of Information: Written data

Remarks:

The events connected with EMP experimentation and generation are important contributions to the broad patterns of history during the Cold War and resulted in the development of modern military equipment designed to withstand the effects of nuclear weapons.

Associated Individual

Relationship to Event

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SIGNIFICANCE INFORMATION

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VDHR Historic Context: Military

VDHR Period Context:

Potential for Meeting NRHP Criteria:

Potential NRHP Criteria Exceptions:

Historic Integrity: Yes

Date of Original Construction: 1974 Date Source: Written data

Architect/Builder/Engineer/Designer: U.S. Army Laboratory Command

Role:

NR Areas of Significance: Military

NR Periods of Significance:

NR Significant Dates: ca: ca: ca:

NR Significant Person:

Potentially Contributes to Historic District:

Potentially Associated with NRHP Multiple Property Listing:

ARCHITECTURAL AND HISTORICAL SUMMARY

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The Army EMP Simulator Operation (AESOP) simulator provides the largest free-field radiating, horizontally polarized EMP environment available for conducting tests on mobile and/or transportable electronic systems (NR Criterion C). This is in addition to AESOP's association with the development of weapons systems during the Cold War (Criterion A).

BIBLIOGRAPHIC INFORMATION

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Type of Record: Gray Literature Citation: ...Notes Regarding the Woodbridge Research Facility

Remarks: Waltemyer, T.A.

1992 A Compilation of Historical Notes Regarding the Woodbridge Research Facility, Woodbridge, Virginia. Prepared by the U.S. Army Laboratory Command, Adelphi, Maryland. On file in the VDHR Archives.

Type of Record: Gray Literature Citation: An Analysis of Cold War Significance

Remarks: Waltemyer, T.A.

1992 An Analysis of Cold War Significance. Prepared by the U.S. Army Laboratory Command, Adelphi, Maryland. On file at the VDHR Archives.

PHOTOGRAPHIC AND DRAWINGS DOCUMENTATION

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CULTURAL RESOURCE MANAGEMENT INFORMATION

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Event: Consensus Determination Agency: VDHR Date: 1/ /1993

Remarks: