

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

Property Name: Armament ^{Test} District, NAS Patuxent Inventory Number: SM-900

Address: Naval Air Station Patuxent River Historic district: yes no

City: Patuxent River Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Property Owner: US Navy / Naval Air Station Patuxent River Tax Account ID Number: _____

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: _____ Agency: NAVY

Agency Prepared By: The Louis Berger Group, Inc.

Preparer's Name: Richard M. Casella Date Prepared: 5/1/1999

Documentation is presented in: _____

Preparer's Eligibility Recommendation: Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: _____

Inventory Number: _____ Eligible: yes no Listed: yes no

Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

The Armament Test Historic District is located in the southeast corner of NAS Patuxent River along the shore of Chesapeake Bay. The roughly 120-acre district encompasses 22 individual resources related to the mission of the Armament Test Division to evaluate aircraft ordnance and one noncontributing resource. The resources include 15 buildings and seven structures. The primary components of the facility are the Chesapeake Bay Seaplane Basin, the Seaplane Hangar, and the Firing tunnel. The seaplane basin encompasses 60 or the 120 acres of the district.

The Armament Test Historic District represents an assemblage of buildings and structures that was designed to carry out a highly specialized testing program. It meets National Register Criterion A for its association with the primary mission of NAS Patuxent River during World War II and the early Cold War period. It also meets National Register Criterion C in that it contains resources whose design is specific to, and particularly illustrative of, the testing facilities that supported the activities of the Armament test Division in these decades.

See MIHP record for more information.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

MHT Comments:

Andrew Lewis
Reviewer, Office of Preservation Services

6/22/05
Date

[Signature]
Reviewer, National Register Program

6/21/05
Date

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National Park Service

NATIONAL REGISTER OF HISTORIC PLACES REGISTRATION FORM

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Armament Test Historic District *SM-900*

other names/site number _____

2. Location

street & number _____ not for publication _____

city or town Naval Air Station Patuxent River vicinity X

state Maryland code MD county St. Mary's code 037 zip code 20670

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I hereby certify that this _____ nomination _____ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property _____ meets _____ does not meet the National Register Criteria. I recommend that this property be considered significant _____ nationally _____ statewide _____ locally.

(_____ See continuation sheet for additional comments.)

Signature of certifying official

Date

State or Federal agency and bureau

In my opinion, the property _____ meets _____ does not meet the National Register criteria.
(_____ See continuation sheet for additional comments.)

Signature of commenting or other official

Date

State or Federal agency and bureau

4. National Park Service Certification

I, hereby certify that this property is:

- entered in the National Register
 See continuation sheet.
- determined eligible for the
National Register
 See continuation sheet.
- determined not eligible for the
National Register
- removed from the National Register
 other (explain):

Signature of the Keeper

Date of Action

5. Classification

Ownership of Property

(Check as many boxes as apply)

- private
 public-local
 public-State
 public-Federal

Category of Property

(Check only one box)

- building(s)
 district
 site
 structure
 object

Number of Resources within Property

Contributing	Noncontributing	
<u>15</u>	<u>1</u>	buildings
<u>0</u>	<u>0</u>	sites
<u>7</u>	<u>0</u>	structures
<u>0</u>	<u>0</u>	objects
<u>22</u>	<u>1</u>	Total

Number of contributing resources previously listed in the National Register: 0

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.)

Naval Air Station Patuxent River, Maryland: Historic and Architectural Resources

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat:	<u>DEFENSE</u>	Sub:	<u>Naval facility</u>
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____

Current Functions (Enter categories from instructions)

Cat:	<u>DEFENSE</u>	Sub:	<u>Naval facility</u>
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____

7. Description

Architectural Classification (Enter categories from instructions):

Other: 20th-Century military
20th Century industrial

Materials (Enter categories from instructions)

foundation	<u>Concrete</u>
roof	<u>Metal-steel, concrete, asphalt</u>
walls	<u>Metal-steel, masonry, asbestos-panel</u>
other	_____

Narrative Description (Describe the historic and current condition of the property on one or more continuation sheets.)

8. Statement of Significance

Applicable National Register Criteria

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B Property is associated with the lives of persons significant in our past.
- C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D Property has yielded, or is likely to yield information important in prehistory or history.

Criteria Considerations

(Mark "x" in all the boxes that apply.)

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a grave.
- D a cemetery.
- E a reconstructed building, object, or structure.
- F a commemorative property.
- G less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance (Enter categories from instructions):

Architecture
Engineering
Military

Period of Significance

1943-1945
1945-1965

Significant Dates

Significant Person (Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

U. S. Navy, Bureau of Yards and Docks

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

9. Major Bibliographical References

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS)

- preliminary determination of individual listing (36 CFR 67) has been requested.
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # _____
- recorded by Historic American Engineering Record # _____

Primary Location of Additional Data

- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository

Naval Air Station Patuxent River, Maryland, Public Works Office

10. Geographical Data

Acreage of Property: 120 acres (approximate)

UTM References (Place additional UTM references on a continuation sheet)

	Zone	Easting	Northing		Zone	Easting	Northing
1	_____	_____	_____	3	_____	_____	_____
2	_____	_____	_____	4	_____	_____	_____

See continuation sheet.

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.)

See Continuation Sheet

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.)

See Continuation Sheet

11. Form Prepared By

name/title Richard M. Casella

organization The Louis Berger Group, Inc. date May 1999

street & number 120 Halsted Street telephone 973-678-1960

city or town East Orange state NJ zip code 07019

Additional Documentation

(Submit the following items with the completed form:)

Continuation Sheets

Maps: A USGS map (7.5 or 15 minute series) indicating the property's location.

A sketch map for historic districts and properties having large acreage or numerous resources.

Photographs: Representative black and white photographs of the property.

Additional items (Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of the SHPO or FPO.)

name Naval Air Station Patuxent River

street & number _____ telephone _____

city or town Patuxent River state MD zip code 20670

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

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Armament Test Historic District
St. Mary's County, Maryland

DESCRIPTION SUMMARY

The Armament Test Historic District is located in the southeast corner of NAS Patuxent River along the shore of Chesapeake Bay. The roughly 120-acre district encompasses 22 individual resources related to the mission of the Armament Test Division to evaluate aircraft ordnance and one noncontributing resource. The resources include 15 buildings and seven structures. The primary components of the facility are the Chesapeake Bay Seaplane Basin, the Seaplane Hangar, and the Firing Tunnel. The seaplane basin encompasses 60 of the 120 acres of the district.

Aircraft Armament Unit, redesignated the Armament Test Division on April 22, 1944, was established in June 1941 at Norfolk, Virginia; its mission was the evaluation of aircraft ordnance. The unit moved to NAS Patuxent River in July 1943. The wooden-arched Seaplane Hangar and the Chesapeake Bay Seaplane Basin that were to be the heart of the Armament Test complex had just been completed when the division's personnel arrived at NAS Patuxent River in July 1943. By mid-1945 the complex had grown to include the Sub-Zero or Cold Firing Chamber, the Turret Testing Building, a Paint Shop, a Paint and Oil Storage Shop, the Centrifugal Gun Mount, and extensive gun testing facilities, ammunition and explosive magazines, and firing ranges for machine guns and cannon. The ground firing range on the south side of the Seaplane Hangar covered a water area with floating targets at 500, 1,000, and 1,500 yards, as well as a series of land targets consisting of concrete butts set at 250-yard intervals. Large areas of water near the Air Station, including a stretch of the west side of the Chesapeake Bay extending from Cove Point to Point Lookout, were employed as aerial firing ranges.

GENERAL DESCRIPTION

The **Chesapeake Bay Seaplane Basin (1175)** is one of the three manmade harbors constructed during World War II at NAS Patuxent River. The basin and its associated facilities, the Seaplane Ramp and Boathouse No. 2, were constructed for docking, anchoring, and supporting vessels and amphibious aircraft employed in the testing of aircraft armament. The basin is formed by two dog-leg-shaped concrete bulkheads, each approximately 1600' long, which extend eastward into the bay. The bulkheads are separated by 2000' of shoreline and angled inward to form a five-sided harbor, approximately 60 acres in area, with a 400'-wide entrance.

Centered along the original shoreline within the basin is the **Seaplane Ramp (1173)**, which provided the means for seaplanes to enter and exit the water. The ramp is of reinforced concrete construction and measures approximately 100x300'.

At the north end of the basin are **Boathouse No. 2 (214)** and associated docks. The Boathouse is a one-story, rectangular-plan building with a flat roof. It is of "temporary construction," consisting of Transite® panel siding over a wood frame. A thin coating of stucco has been applied over the Transite® siding. The building retains many of its original wood 2/2 (horizontal lights) windows and wood three-light doors. Windows are randomly located and occur singly and grouped in sets of two, three, four, and seven windows. The roof projects about 3' at each end of the building to form an overhang; the sidewalls project above the roof to form low parapets. A section of the original building that

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was built out over the water and supported on piles to shelter the boat slips has been removed. Modern metal overhead garage doors have replaced the original doors on the north side.

The largest structure within the district is the **Seaplane Hangar (201)**, 420x290', located west of the Seaplane Ramp, about 400' from the shoreline. Built in 1943, concrete aprons surround the hangar, connecting it with the ramp and with Taxiway D, which in turn leads to the air station's runways. Hangar 201 is a double hangar with two large arched-roof bays. The bays are parallel and joined with a two-story, concrete leanto structure that runs down the center of the building. Nearly identical leanto structures are located down each side of the building, serving the dual purpose of restraining the thrust of the arches by gravity (hence the name *leanto*) and providing useful office and work space.

The hangar bays each have a clear width of 160' and a clear height of 65' measured to a catwalk hung from the crown of the truss. Sliding, seven-leaf hangar doors, 40' in height, are located at each end of the hanger bays. The doors open to the full width of the bays by sliding into concrete pockets located at the ends of the leantos. The doors appear to be wood frame with the original Homosote® fiber board sheathing on the exterior and tongue-and-groove boards on the interior. The arch members are wood, hingeless trussed arches, with segmental top and bottom chords. The trusses are of split-chord construction, assembled with dimension lumber, bolted together with Teco® (Timber Engineering Co.) split-ring timber connectors. The top and bottom chords of each truss consist of two pieces of lumber (3x12" or 4x14") separated by spacers (and by the diagonal and vertical truss members), hence the name *split-chord*. The individual chord members, generally about 25' in length, are bolted together at their ends and form an arch composed of segments and angles (segmental chord), as opposed to the smooth curves found in laminated or concrete arches. The trusses are tapered, varying in web depth from 14' at the base to 9' at the crown, with simple triangular bracing consisting of struts and diagonals.

The **Firing Tunnel (142)** is an irregularly shaped, one-story reinforced-concrete building with a flat roof, approximately 75x360', constructed for Armament Test Division during 1947-1948. The Division staff fired aircraft guns in the tunnels, recording rates of fire, gun reactions, and blast and temperature data remotely from the Instrument Building (143). This work continues today. The width of the larger of the two tunnels, at 40', was designed to accommodate entry by a fighter plane so that the guns could be tested while mounted on the aircraft. The east end of the Tunnel is equipped with two large roll-up metal doors, which provide the access to each of the two firing tunnels. A concrete slab overhang, supported by solid, upward-turned concrete brackets, shelters the entrance bays. The west or target end of the tunnel is divided into five bays with reinforced concrete walls that are angled upward at a 45-degree angle. These angled end-walls are visible from the exterior of the building. A two-story later addition is located midway along the south wall. A one-story later addition is located on the south side of the front entrance.

The **Instrument Building (143)** is a one-story concrete block structure with a flat roof, built in 1944. The roof projects slightly front and rear and is trimmed with a metal-band cornice. Windows are 1/1 with aluminum frames (replacements), irregularly located. The double entrance doors are steel with a single light. A shed roof supported by plain square posts shelters the concrete entrance stoop.

The **Armament Test Paint Shop (204)** is a small (16x24') one-story frame structure built in 1944. The gable roof has plain projecting eaves and is covered with corrugated cement-asbestos sheet roofing. The exterior wall surfaces are

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stucco. Windows are 1/1 aluminum replacements; some window openings are boarded up with plywood. The two entrance doors are flush steel replacements with a single small light.

The **Centrifugal Gun Tester (205)** is a reinforced-concrete structure built in 1945, in which aircraft guns could be mounted and spun at high speeds and the effects measured. The test facility consists of a round concrete containment test cell, the gun mount and rotator assembly, and a two-story control room. Most of the original equipment of the facility remains. The containment cell is approximately 20' in diameter, 10' high with 2'-thick walls. The cell has an open top. The gun mount and rotator assembly is located in the center of the cell on a concrete pedestal. An electric motor within the pedestal is connected to the rotator arm, which is mounted on a circular track atop the pedestal. The rotator arm is essentially an assembly of steel beams: the gun to be tested mounts on the end of the rotator arm and sliding counterweights are adjusted at the opposite end for balance. A sliding steel catwalk, which can be withdrawn, allows operators access to the pedestal from an elevated platform attached to the control room. The control room is on the second level of a two-story, 8x8' concrete tower attached directly to the test cell. A thick window of impact-resistant glass, angled downward, overlooks the test cell. Some of the electric controls remain mounted in the control room and in the utility room on the ground level.

The **Cold Chamber (202)**, built in 1943, is a reinforced-concrete building attached to the southeast corner of the Seaplane Hangar. The Chamber was designed to allow chilled armament to be fired through openings toward water targets on Chesapeake Bay or land targets erected to the south in front of "target butts." The Cold Chamber was originally equipped with a 90-horsepower, three-stage ammonia compressor, which maintained temperature at any point between -75°F and 180°F. The center section of the building housed the cold chamber and is taller than the two side sections. The test guns were fired at the targets through an opening high up on the south wall of the chamber originally equipped with a heavy insulated door, which is no longer present. A frame addition was subsequently built above the side section of the building adjoining the hangar. All of the original doors and windows have been replaced or closed in.

The **250-yard Target Butt (215)** is a one-story reinforced-concrete bunker with an attached concrete baffle wall, built in 1944. The Target Butt is directly associated with the Cold Chamber and located 250 yards to the south of it. Guns being tested under cold conditions were test-fired at targets mounted in front of the Target Butt, which stopped stray bullets. Three **Baffle Walls, 217, 232 and 233**, are associated with this facility, serving to stop or deflect stray bullets during testing. The Baffle Walls are located in a staggered line between the Target Butt and the Cold Chamber, and consist of vertical reinforced-concrete slabs roughly 50' wide, 25' tall and 2' thick. The walls are supported on their backside by four battered buttresses. Baffle Wall 233, the closest to the Target Butt, is flanked to the east with an earthen mound, about 10' high by 100' long, which protects the ground area in front of the Target Butt from stray bullets. The bunker section of 215 is accessed through a metal overhead door mounted in the baffle wall. The bunker has a flat concrete roof and raking sides with battered wall buttresses. The entrance to the bunker is through the large front wall. A second entrance has been filled with concrete block.

Armament Test Paint & Oil Storage (216) is a two-bay garage of concrete block construction, one story high with a flat roof. Built in 1944, the building retains its original 6/6 wood windows behind aluminum storms. There are three

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pairs of windows on the north and west sides and three single windows on the south side. The front has two metal overhead garage doors with a new metal entrance door between them.

The **Armco® Storage Buildings (239 A-F)**, built in 1945, consists of six prefabricated arched corrugated steel storage buildings, arranged immediately adjacent in a row and joined with a common front wall. The concrete front wall is braced at each end with forward angled wing-walls. The front wall supports paired flat steel-plate entrance doors, which provide access to each unit. Each Armco® building is 10' wide and 50' long.

The **Ready Magazines (240 A, B)** are two reinforced-concrete munitions bunkers (A & B) built as a single unit in 1945. The bunkers are side-by-side with arched concrete roofs that adjoin in the middle and are covered with an earthen berm. The earth is retained by forward angled wing-walls extending from each side of the front wall. Each bunker has arched double entrance doors of heavy solid steel plate.

NONCONTRIBUTING RESOURCES

The **Turret Testing Building (223)** was originally a one-story frame structure built in 1944. Later additions, including a second story, a side shed addition, and a rear two-story addition, all added in 1991, have completely obscured the original building. Vinyl siding and cornices, replacement windows and doors, and a remodeling of the interior into an office completes the make-over. This building retains no architectural integrity and is therefore not a contributing historic resource to the Armament Test Historic District.

CONTRIBUTING RESOURCES

142	Armament Test Firing Tunnel 1948
143	Instrument Building 1948
201	Seaplane Hangar 1943
202	Cold Chamber (now RDT&E Office/Lab) 1943
204	Armament Test Paint Shop (now Aircraft Line Operations) 1944
205	Centrifugal Gun Tester 1945 (Abandoned) (Structure)
214	Boathouse No. 2 1944
215	250-yard Target Butt (w/ 217, 232 & 233, baffle walls) 1944 (Structure)
216	Armament Test Paint & Oil Storage (now Corrosion Control Shop) 1944
217	Baffle Wall 1944 (Structure)
232	Baffle Wall 1944 (Structure)
233	Baffle Wall 1944 (Structure)
239A-F (6)	Armco® Storage Buildings 1945
240A-B (2)	Ready Magazines 1945
1173	Seaplane Ramp 1943 (Structure)
1175	Chesapeake Bay Seaplane Basin 1943 (Structure)

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Armament Test Historic District
St. Mary's County, Maryland

SIGNIFICANCE SUMMARY

Evaluation of the Armament Test Historic District for National Register eligibility is based upon criteria outlined in the National Register of Historic Places Multiple Property Documentation Form *Naval Air Station, Patuxent River, Maryland: Historic and Architectural Resources* under the property type "Testing Facilities." The district is significant under the two historic contexts that have been defined in the Multiple Property Documentation study, *Naval Air Station, Patuxent River and Webster Field during World War II, 1941-1945*, and *Naval Air Station, Patuxent River and Webster Field during the Early Cold War Period, 1945-1965*.

The Armament Test Historic District represents an assemblage of buildings and structures that was designed to carry out a highly specialized testing program. It meets National Register Criterion A for its association with the primary mission of NAS Patuxent River during World War II and the early Cold War period. It also meets National Register Criterion C in that it contains resources whose design is specific to, and particularly illustrative of, the testing facilities that supported the activities of the Armament Test Division in these decades.

RESOURCE HISTORY AND HISTORIC CONTEXT

The Aircraft Armament Unit, redesignated the Armament Test Division on April 22, 1944, was established in June 1941 at Norfolk, Virginia; its mission was the evaluation of aircraft ordnance. The unit moved to NAS Patuxent River in July 1943. Tests performed by Armament Test were assigned from the Bureau of Aeronautics, with consultation by the Bureau of Ordnance. Armament Test personnel evaluated aircraft cannons and machine guns and conducted firing tests both in the air and on the ground, the latter activity carried out at the firing ranges in the Armament Test complex. Working in specially built test chambers within the complex, testers put guns through performance trials in varying conditions with regard to temperature and altitude. The on-the-ground trials also applied vibration tables, synchronization machines, and a centrifugal gun testing device. Division staff sought to detect tendencies in tested guns to jam or overheat, and also evaluated the efficiency of the electronic fire-control mechanism with which aircraft were equipped. The division tested rockets designed for firing from aircraft. When Armament Test arrived at NAS Patuxent River, its establishment consisted of 33 officers and 209 enlisted men, with 33 aircraft. As of August 15, 1945, the division's complement numbered 71 officers and 381 enlisted men and women, with 40 aircraft on hand.

The service of the Naval Air Test Center (NATC) during the period 1945-1965 was framed within the context of the Cold War, the global struggle perhaps best described as a pattern of marked and prolonged tension between the Great Powers. During this period NATC carried out a program of evaluation for aircraft and equipment that, at least after 1950, was every bit as active as that carried out during World War II. The Armament Test Division continued its evaluative work with aircraft armament during the early Cold War years. This work included testing weapons mounted on aircraft, including guns, rockets, bombs, and mines, and electronic fire-control equipment and optical instruments, such as bombsights and gunsights. The division also tested aerial tow target equipment and developed towing techniques.

The property type "testing facilities" consists of buildings, structures, and objects designed and built in order to carry out a specific program of testing trials for aircraft and their equipment and components. Testing facilities were arranged

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St. Mary's County, Maryland

in discrete architectural complexes according to division. The Armament Test Division was one of four such test division complexes constructed at NAS Patuxent River during World War II as the essential components of the NATC. The test division complexes were all sited with access via apron or taxiway to the main airfield and system of runways that occupied the central area of the Air Station tract. Armament Test Division was situated directly by the Chesapeake Bay Seaplane Basin and consisted of a cluster of buildings, with outdoor work areas, centering on a double or two-bay hangar. The hangar incorporated space for offices and workshops and was commonly accompanied by a varying complement of structures that might include an administrative office building, one or more specialized testing lab buildings, and one or more work and/or storage shop buildings. The hangars and certain specialized test buildings and structures incorporate unique or specialized construction technology; the other pre-1965 test facility buildings are utilitarian structures of diverse construction and architectural character, varying in shape and number of stories.

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Armament Test Historic District
St. Mary's County, Maryland

MARYLAND COMPREHENSIVE PRESERVATION PLAN DATA

Geographic Organization: Western Shore

Chronological/Developmental Period(s): Modern Period

Prehistoric/Historic Period Theme(s): Military

Resource Type:

Category: District

Historic Environment: Suburban

Historic Function(s) and Use(s): Military Facility

Known Design Source: U.S. Navy, Bureau of Yards and Docks

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MAJOR BIBLIOGRAPHICAL REFERENCES

Louis Berger & Associates, Inc.

1999 *Naval Air Station, Patuxent River, Maryland, Historic and Architectural Resources*. National Register of Historic Places Multiple Property Documentation Form (draft final). Prepared for Naval Air Station Patuxent River, Maryland, by Louis Berger and Associates, Inc., East Orange, New Jersey.

Maryland Historical Society

1950 *Maryland in World War II: Volume 1, Military Participation*. Prepared for the State of Maryland by the War Records Division, Maryland Historical Society, Baltimore.

NAS Patuxent River Public Works Department

various *Map of Naval Air Station, Patuxent River, Md., Showing Conditions on . . .* [various dates 1941-present]. Plans on file, Public Works Department, NAS Patuxent River, Maryland.

various *Facility Record Cards and Building Drawings, Naval Air Station, Patuxent River, Md.* Records and drawings on file, Drawing Vault, Public Works Department, NAS Patuxent River, Maryland.

Naval Aviation News

1945 Patuxent Tests. May 1:23-34.

Naval Historical Center

various *U.S. Naval Air Test Center-NAS Patuxent River Command Histories* [various dates]. On file, Office of Naval Aviation History, Naval Historical Center, Washington Navy Yard, Washington, D.C.

1967 *Weapons Systems Test Division Command History, 1966*. Prepared 1967. On file, Office of Naval Aviation History, Naval Historical Center, Washington Navy Yard, Washington, D.C.

U.S. Geological Survey

1987 *Solomons Island, MD. 7.5-Minute Series (Topographic) Quadrangle*. U.S. Geological Survey, Reston, Virginia.

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Armament Test Historic District
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GEOGRAPHICAL DATA

UTM REFERENCES

	ZONE	EASTING	NORTHING
A	<u>18</u>	<u>377250</u>	<u>4236400</u>
B	<u>18</u>	<u>377680</u>	<u>4236400</u>
C	<u>18</u>	<u>377740</u>	<u>4236650</u>
D	<u>18</u>	<u>377980</u>	<u>4236550</u>
E	<u>18</u>	<u>378100</u>	<u>4236200</u>
F	<u>18</u>	<u>377800</u>	<u>4235990</u>
G	<u>18</u>	<u>377650</u>	<u>4235990</u>
H	<u>18</u>	<u>377600</u>	<u>4235750</u>
I	<u>18</u>	<u>377250</u>	<u>4235750</u>

Verbal Boundary Description

The National Register boundaries for the Armament Test Historic District are depicted on the attached figure.

Boundary Justification

These boundaries encompass the entire area within which the operations of the Armament Test Historic District were located. The boundary locations are based on historical maps cited in the bibliography and encompass all of the surviving resources associated with the district's period of significance.

SM-900

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section Photos Page 10

Armament Test Historic District
St. Mary's County, Maryland

The following items apply to all 23 photographs:

Property Name: Armament Test Historic District, Naval Air Station Patuxent River

Location: St. Mary's County, Maryland

Photographer: Richard M. Casella

Date of Photograph: 1999

Location of Negatives: NAS Patuxent River, Patuxent River, Maryland 20670

Individual Photograph Identifications:

- 1 Chesapeake Bay Seaplane Basin (1175), north bulkhead, looking southeast
- 2 Seaplane Ramp (1173), looking southeast
- 3 Boathouse No. 2 (214), south and west elevations, looking northeast
- 4 Boathouse No. 2 (214), north and east elevations, looking southwest
- 5 Seaplane Hangar (201), north and east elevations, looking southwest
- 6 Seaplane Hangar (201), south and west elevations, looking northeast
- 7 Firing Tunnel (142), south and east elevations, looking northwest
- 8 Firing Tunnel (142), north and west elevations, looking southeast
- 9 Instrument Building (143), north and east elevations, looking southwest
- 10 Instrument Building (143), south and west elevations, looking northeast
- 11 Belt Shop (204), south and east elevations, looking northwest
- 12 Belt Shop (204), north and west elevations, looking southeast
- 13 Centrifugal Gun Tester (205), south and east elevations, looking northwest

SM-900

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

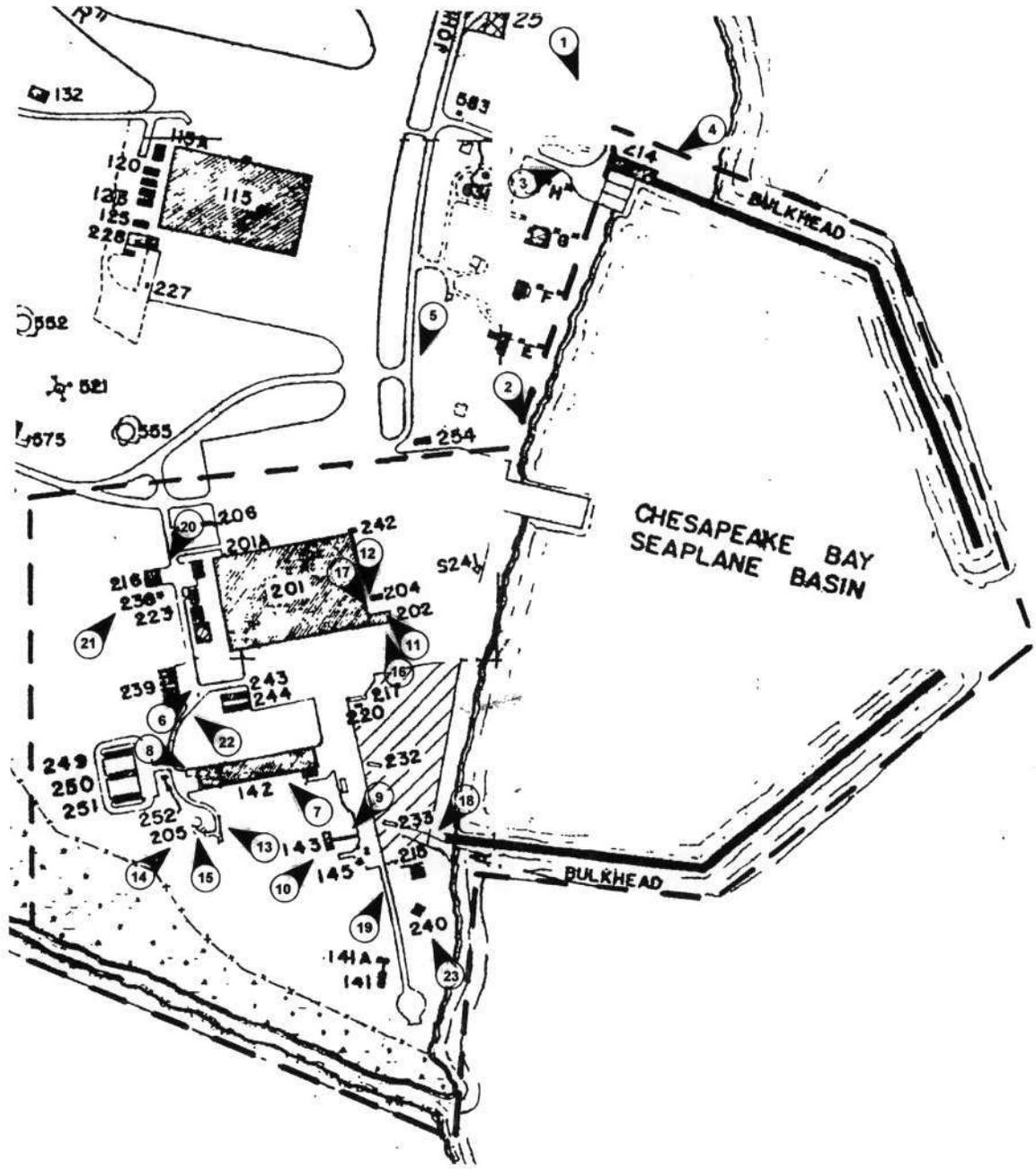
Section Photos Page 11

Armament Test Historic District
St. Mary's County, Maryland

Individual Photograph Identifications (continued):

- 14 Centrifugal Gun Tester (205), west elevation, looking east
- 15 Centrifugal Gun Tester (205), detail of test cell and machinery, looking north
- 16 Cold Chamber (202), south and east elevations, looking northwest
- 17 Cold Chamber (202), north elevation, looking southeast
- 18 250-Yard Target Butt (215), north and east elevations, looking southwest
- 19 Baffle Walls 217, 232, and 233, with 215 in right foreground, looking northeast
- 20 Paint and Oil Storehouse (216), north and east elevations, looking southwest
- 21 Paint and Oil Storehouse (216), south and west elevations, looking northeast
- 22 Armco® Storage Buildings (239 A-F), south and east elevations, looking northwest
- 23 Ready Magazine (240 A, B), south and east elevations, looking northwest

SM-900



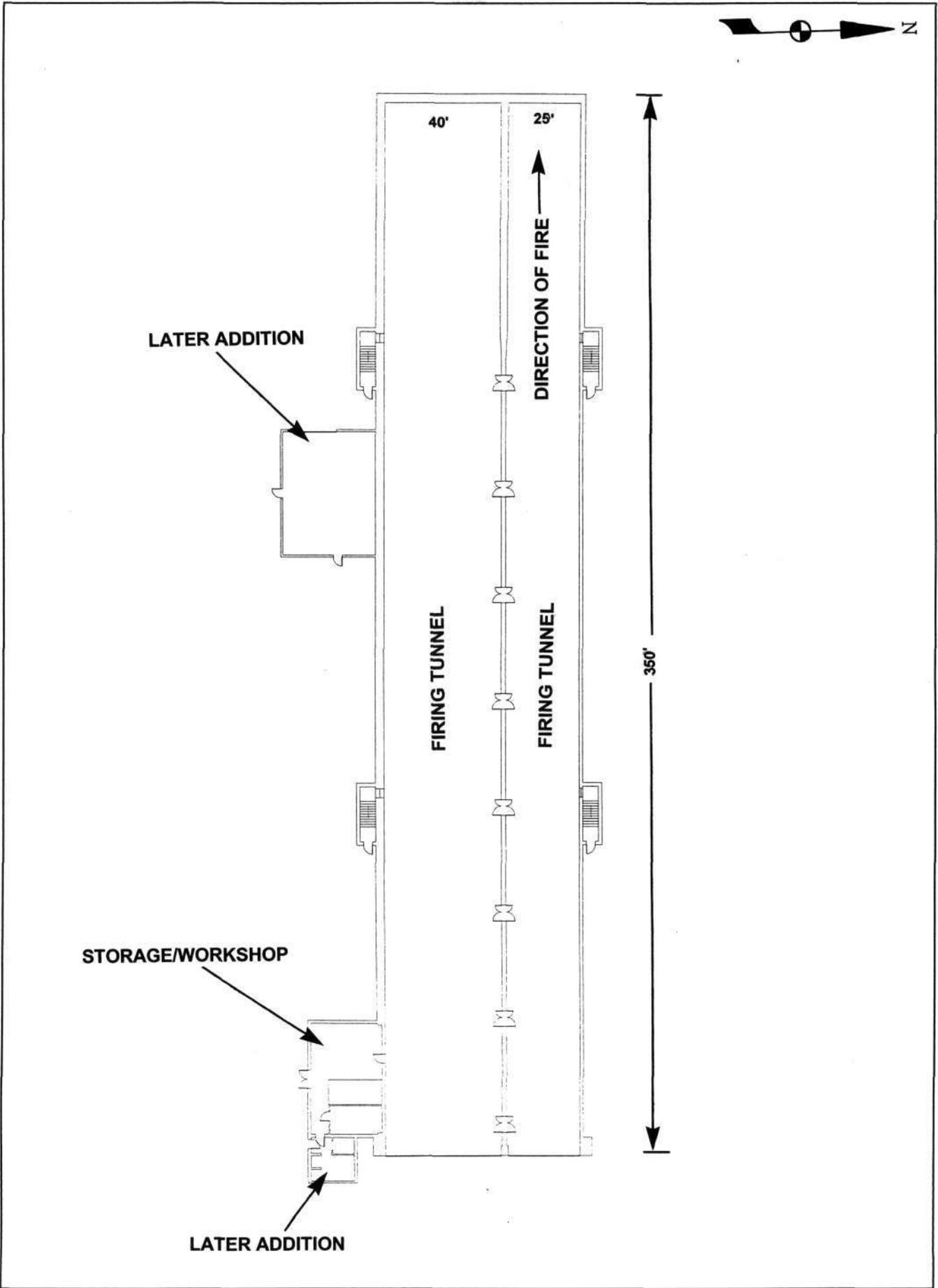
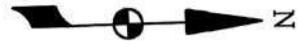
LEGEND

- DISTRICT BOUNDARY
- # ANGLE OF PHOTOGRAPH

Site Plan, National Register District Boundary, and Key to Photographs for Armament Test Historic District

SOURCE: NAS Patuxent River Public Works Dept. 1955

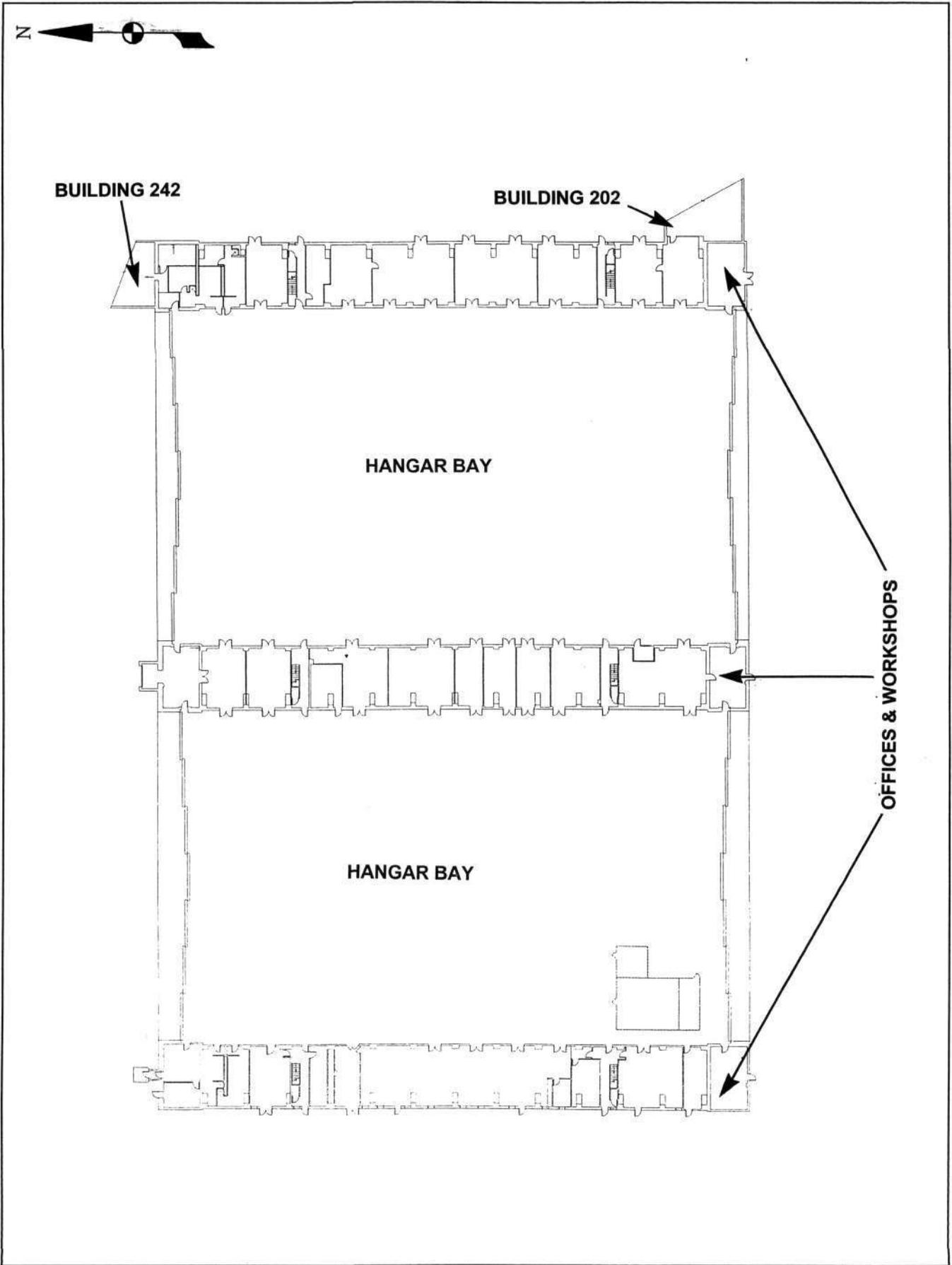
SM-900



Floor Plan of Building No. 142, Firing Tunnel

SOURCE: NAS Patuxent River Public Works Dept. 1999

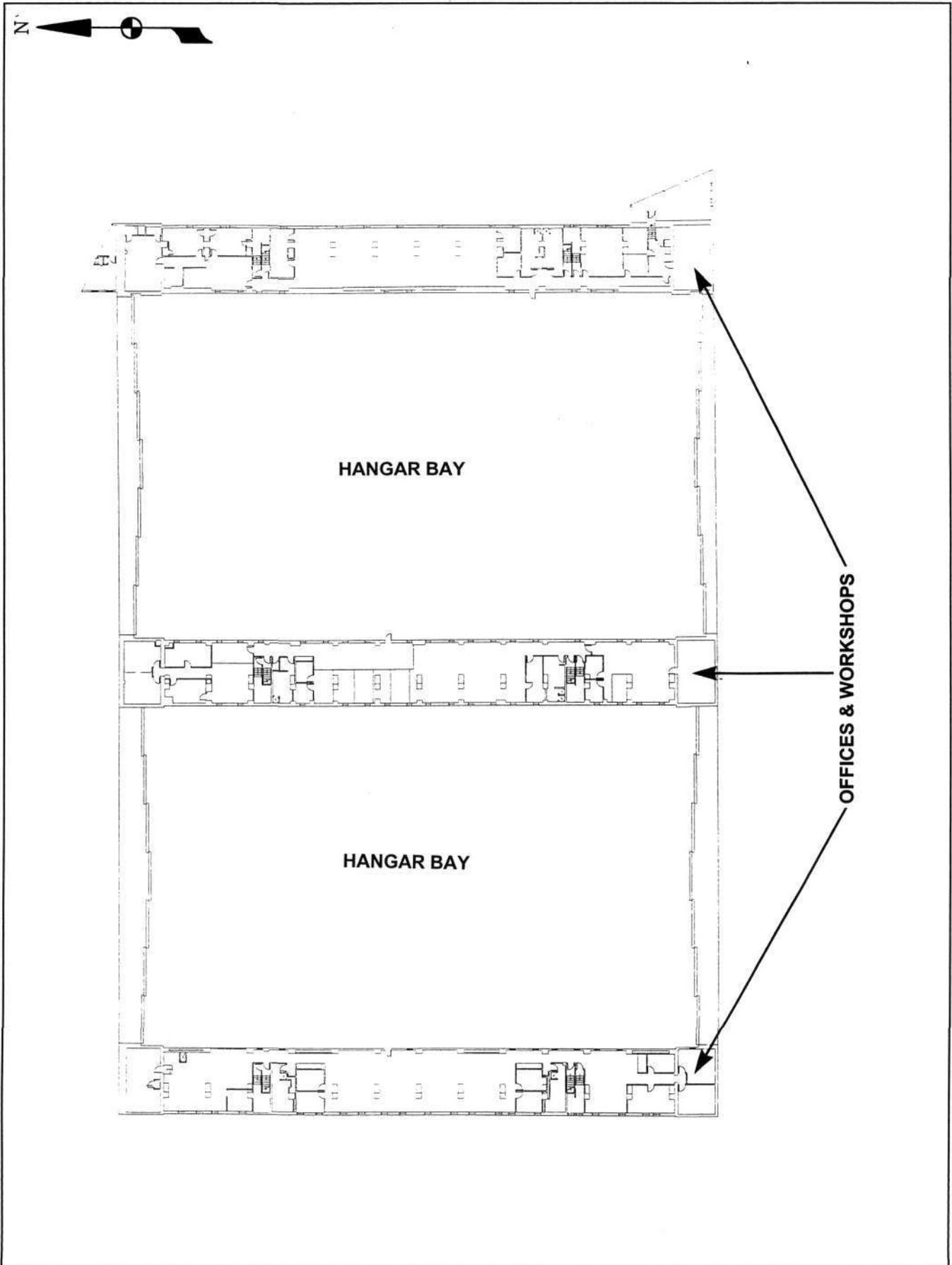
SM-900



First Floor Plan of Building No. 201,
Seaplane Test Hangar

SOURCE: NAS Patuxent River Public Works Dept. 1999

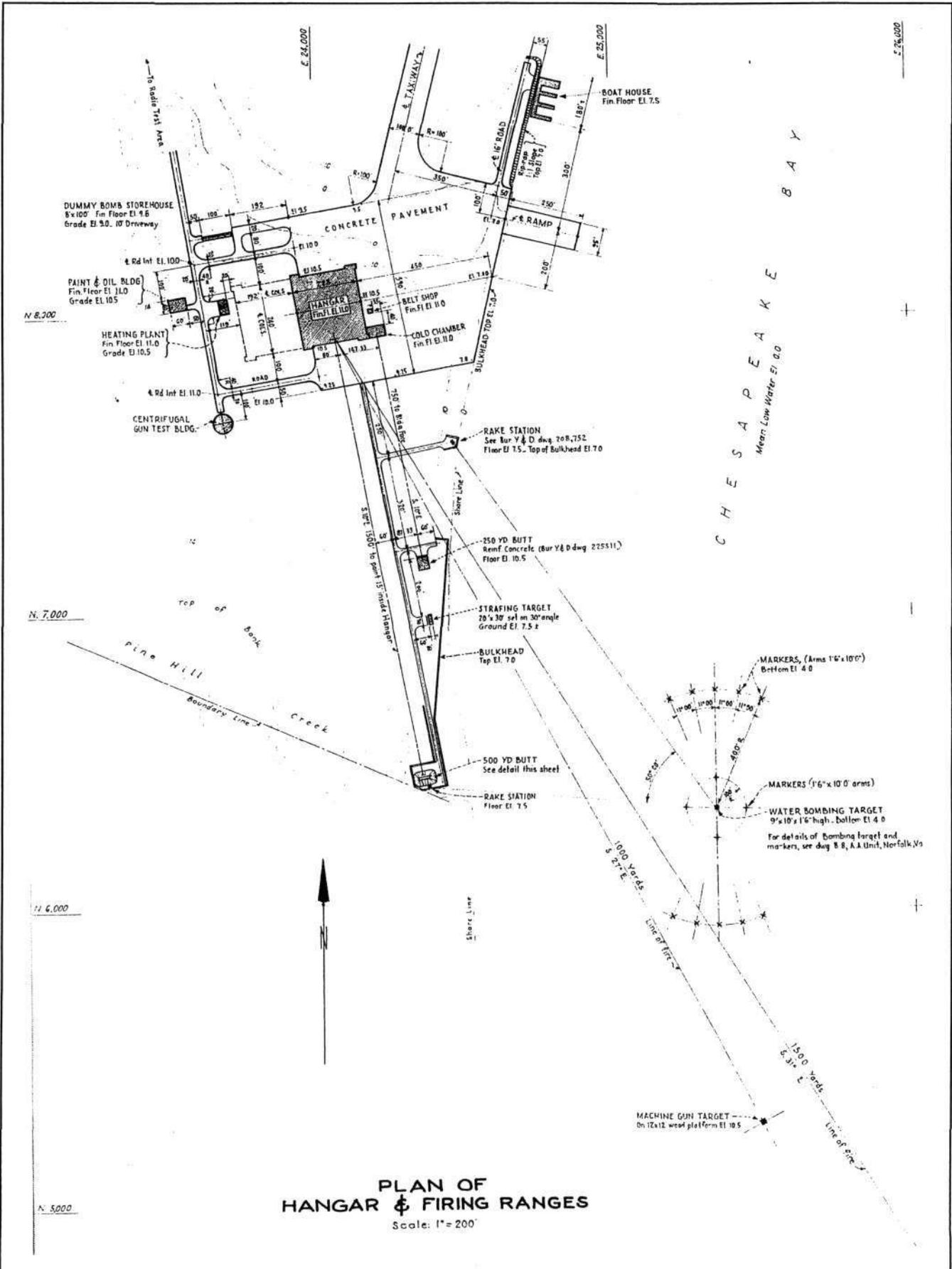
SM-900



**Second Floor Plan of Building No. 201,
Seaplane Test Hangar**

SOURCE: NAS Patuxent River Public Works Dept. 1999

SM-900

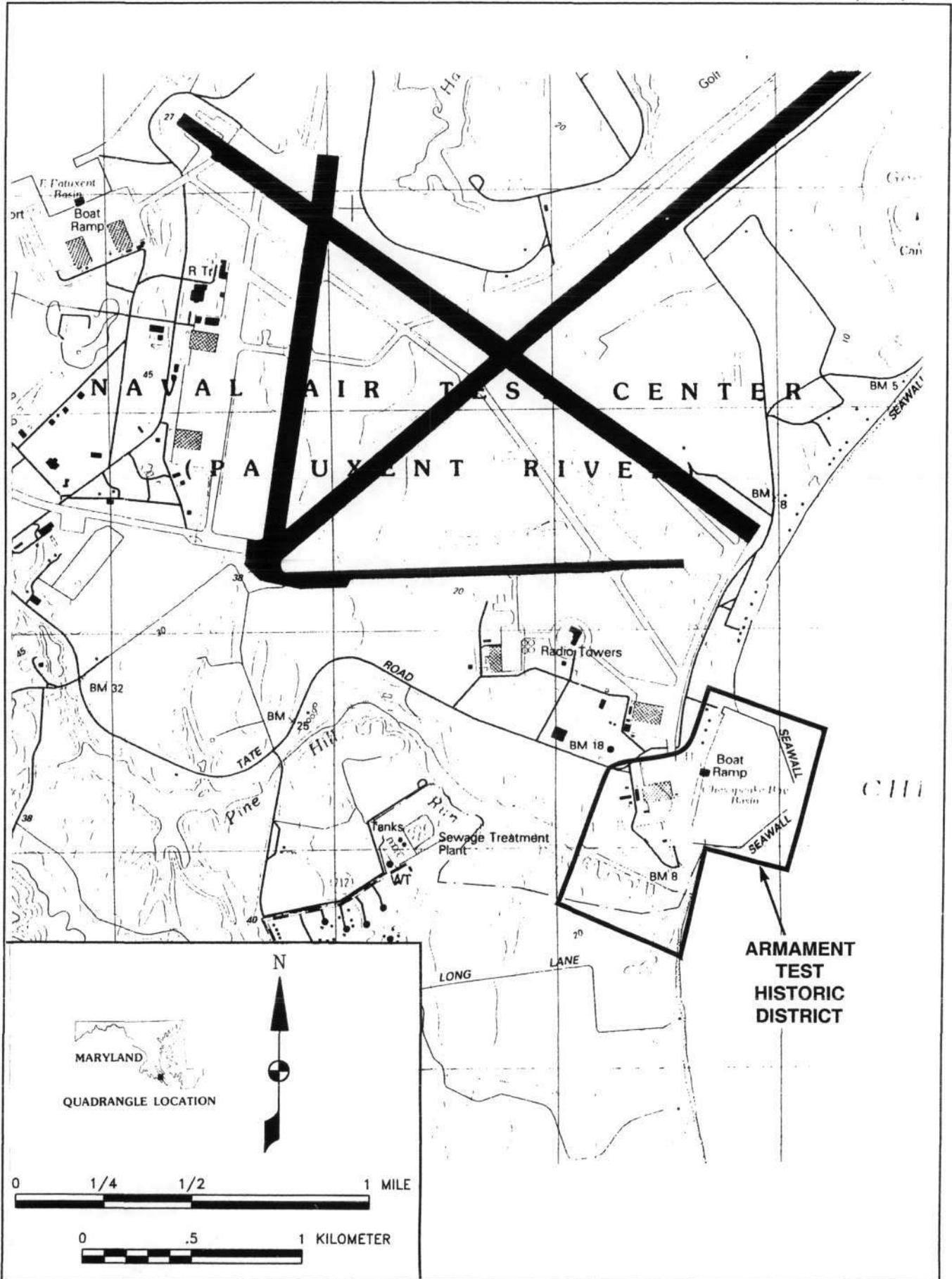


PLAN OF HANGAR & FIRING RANGES
Scale: 1" = 200'

Site Plan of Building No. 215, Target Butt and Firing Range

SOURCE: NAS Patuxent River Public Works Dept. 1943

SM-980



Location Map for Armament Test Historic District

SOURCE: USGS Quadrangle, Solomons Island, MD 1987

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Armament Test/Electronics Test/Weapons Test Historic District

other names/site number SM-900

2. Location

street & number NAS Patuxent River not for publication
city or town Lexington Park vicinity
state Maryland code MD county St. Mary's code 037
code 20670

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet the National Register Criteria. I recommend that this property be considered significant nationally statewide locally. (See continuation sheet for additional comments.)

Signature of certifying official

Date

State or Federal Agency or Tribal government

SM-900

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 8 Page 12 Armament Test/Electronics Test/Weapons Test Historic District
name of property
St. Mary's County, Maryland
county and State
Flight Test/Tactical Test/NAS Operations Historic District
name of multiple property listing

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

Signature of commenting official/Title Date

State or Federal agency and bureau

4. National Park Service Certification

I hereby certify that this property is:

 entered in the National Register _____

 See continuation sheet.

 determined eligible for the _____

National Register

 See continuation sheet.

 determined not eligible for the _____

National Register

 removed from the National Register _____

 other (explain): _____

Signature of Keeper Date
 of Action

SM-900

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 8 Page 13 Armament Test/Electronics Test/Weapons Test Historic District
name of property
 St. Mary's County, Maryland
county and State
 Flight Test/Tactical Test/NAS Operations Historic District
name of multiple property listing

This document serves as an amended submission to a previous document. The previous submission of this NRHP form was by Richard M. Casella, The Louis Berger Group, Inc., East Orange, New Jersey, 1999.

Determined eligible in 1999, the Armament Test Historic District, as it was then called, encompassed approximately 120 acres (Casella 1999a). This district contains resources specifically related to the Armament Test Division, which in 1960, during the early Cold War Period, merged with the Electronics Test Division to create Weapons Systems Test. This was done in order to "materially enhance management efficiency by eliminating duplication of effort" and utilize aircraft and personnel to better evaluate new systems. The merge of these two divisions created the largest single unit at NAS Patuxent River (*The Tester* 1960d). These divisions worked together even before they were merged into one division, and were located near each other on the east side of NAS Patuxent River on the Chesapeake Bay. The proximity of the divisions to one another was part of the design of the base, as both Armament and Electronics divisions needed to carry out tests on the same electronic armament control mechanisms. This is because ordnance had become more integrated with the electronics systems of aircraft after the end of World War II (Pendleton et al. 2002:56). As stated in the original NRHP Registration Form for the Armament Test district, it

represents an assemblage of buildings and structures that was designed to carry out a highly specialized testing program. It meets National Register Criterion A for its association with the primary mission of NAS Patuxent River during World War II and the early Cold War period. It also meets National Register Criterion C in that it contains resources whose design is specific to, and particularly illustrative of, the testing facilities that supported the activities of the Armament Test Division in these decades. . . The Armament Test Division continued its evaluative work with aircraft armament during the early Cold War years. This work included testing weapons mounted on aircraft, including guns, rockets, bombs, and mines, and electronic fire-control equipment and optical instruments, such as bombsights and gunsights.

At the time the original Armament Test Historic District NRHP Registration Form was completed, buildings that were constructed before 1950 were eligible for inclusion, unless they fell under Criterion G of the NRHP, for significant buildings less than 50 years old. This addendum updates contributing and non-contributing resources to include those that were constructed between 1950 and 1965. It also introduces resources in the Electronics Test Division that, combined with Armament Test, became integral to the Weapons Test Division in 1960.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 8 Page 14 Armament Test/Electronics Test/Weapons Test Historic District

name of property
 St. Mary's County, Maryland

county and State

Flight Test/Tactical Test/NAS Operations Historic District

name of multiple property listing

Contributing Buildings in the Armament Test/Electronics Test/Weapons Test Historic District

Buildings

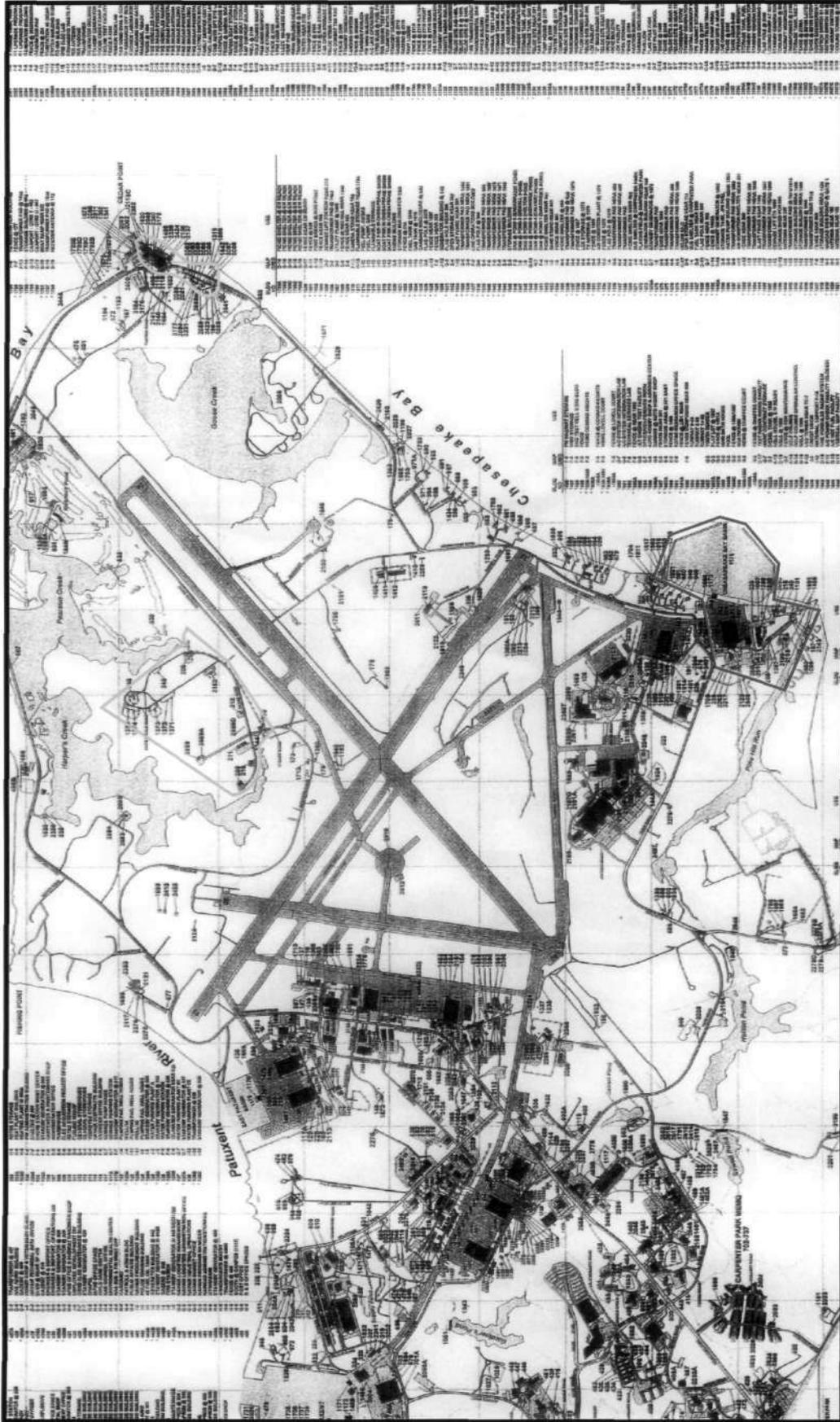
Building 142: Armament Test Firing Tunnel	Building 216: Armament Test Paint and Oil Storage (now Corrosion Control Shop)
Building 143: Instrument Building	Building 217: Baffle Wall
Building 176: Electrical and Electronics Systems Lab*	Building 232: Baffle Wall
Building 196: Theodolite Tower Cedar Point*	Building 233: Baffle Wall
Building 197: Theodolite Tower Pylon*	Building 239A-F: Armco Storage Buildings (six)
Building 198: Theodolite Tower, Chesapeake*	Building 240A-B: Ready Magazines (two)
Building 199: Theodolite Tower, Point-No-Point*	Building 248: High-explosive Magazine*
Building 201: Seaplane Hangar	Building 254: RDT&E Storage Lab*
Building 202: Cold Chamber (now RDT&E Office/Lab)	Building 1173: Seaplane Ramp
Building 204: Armament Test Paint Shop (now Aircraft Line Operations)	Building 1175: Chesapeake Bay Seaplane Basin
Building 205: Centrifugal Gun Tester (Abandoned)	Building 1388: Magazine*
Building 214: Boathouse Number Two	Building 1465: Rocket Test Facility*
Building 215: 250-yard Target Butt (with 217, 232, and 233, baffle walls)	

Non-Contributing Buildings in the Armament Test/Electronics Test/Weapons Test Historic District

Buildings

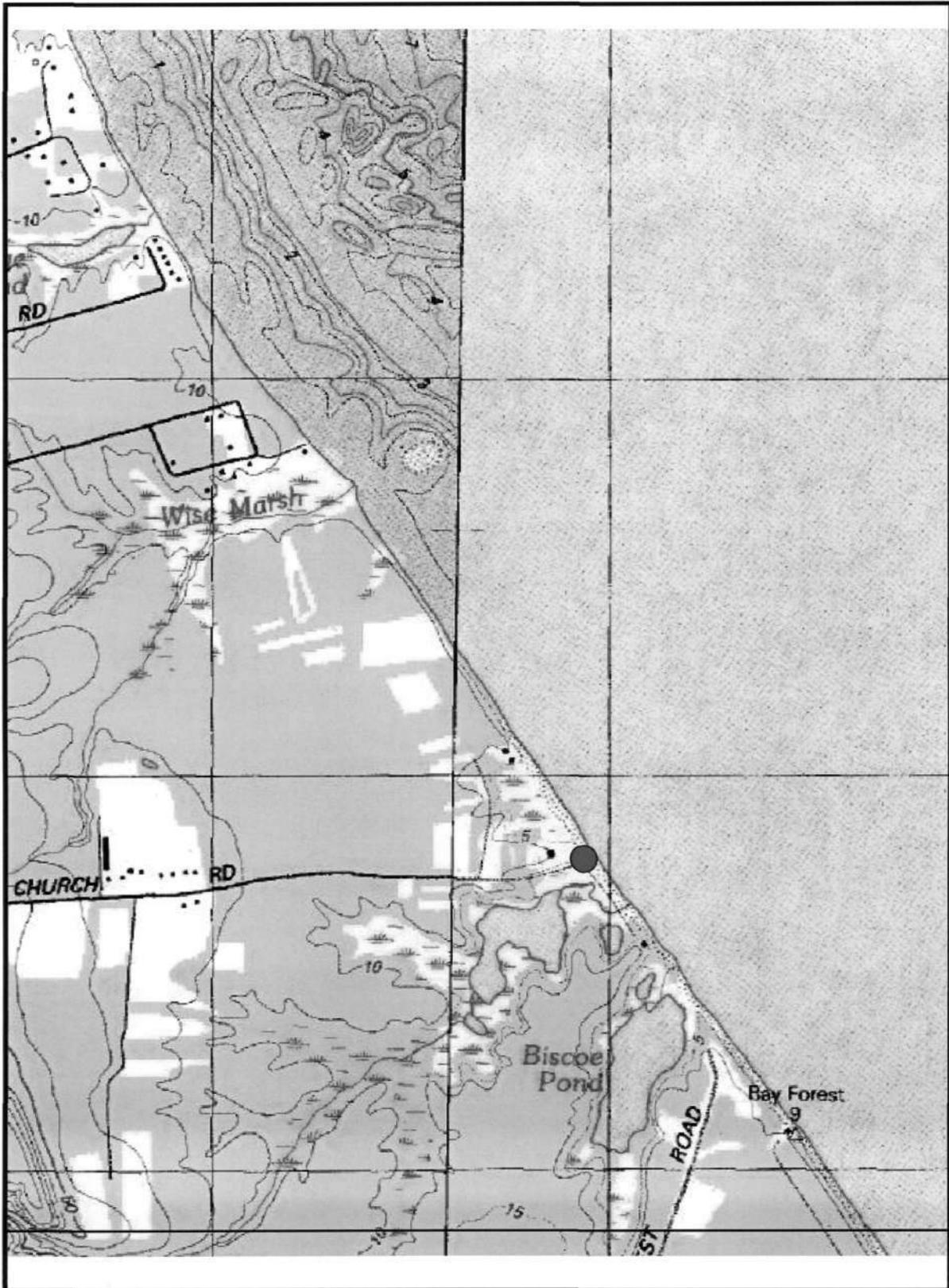
Building 167: Standby Generator Building*	Building 1319: Radar/Radome*
Building 172: Receiver Building*	Building 1341: RDT&E Storage Lab *
Building 223: Turret Testing Building	Building 1344: Equipment Holding Shed*
Building 253: Armory/Gunnery Office (now Ordinance Operations Building)*	Building 1362: Optics Lab*
Building 1097: RDT&E Storage Lab *	Building 1880: Helium Silo*
Building 1099: Astrodome Power Unit Shelter*	Building 2432: UHF-VHF Receiver Antenna*
Building 1186: Rotating Log Antenna*	Building 2653: HF/Land Comm. Bldg.*
Building 1187: Bi-con Dipole Antenna*	

* indicates resources added to the district as part of this amended submission.

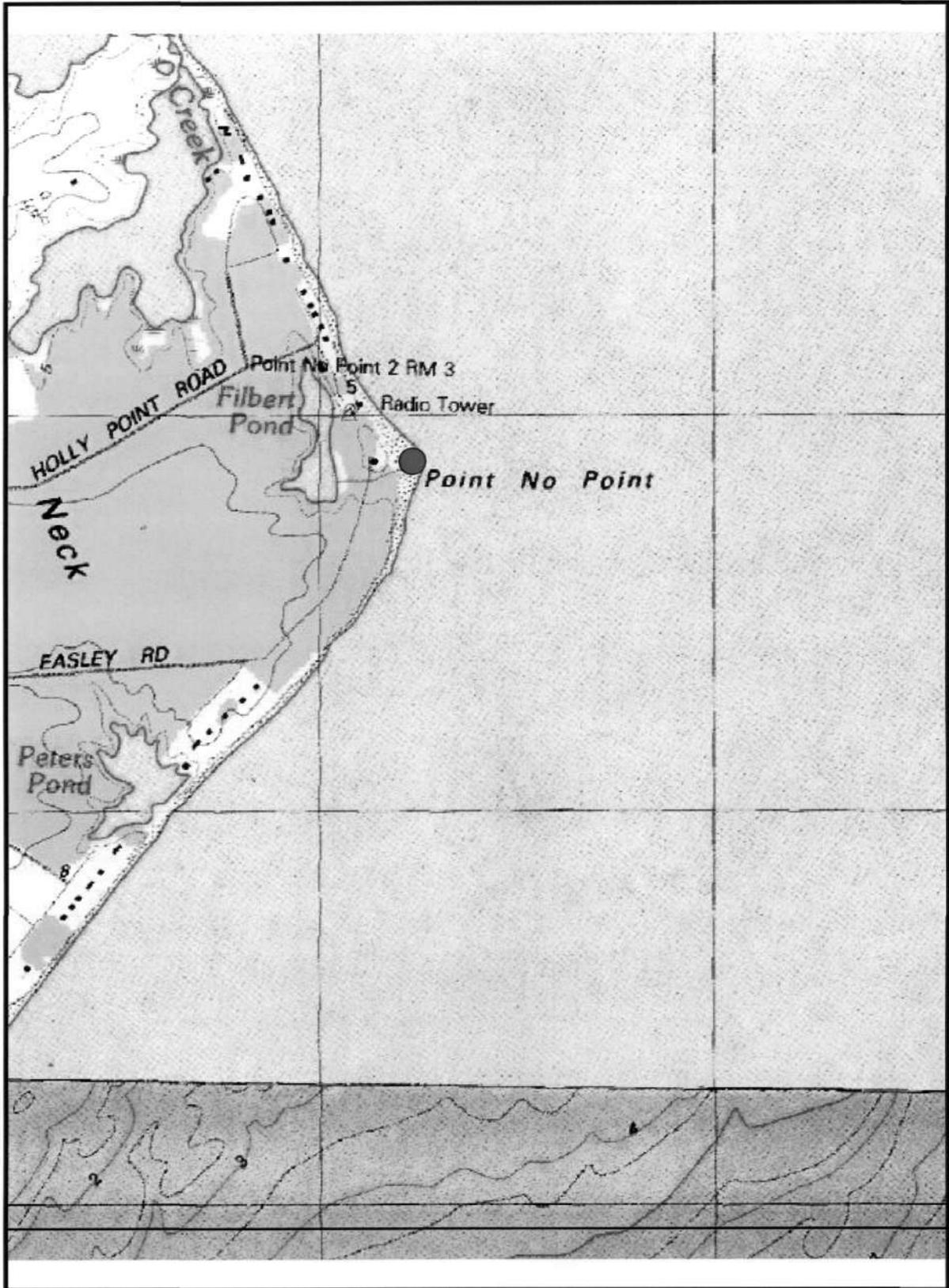


Source: Public Works Office, NAS Patuxent River

The blue line represents the existing boundaries of the Armament Test/Electronics Test/Weapons Test Historic District. The yellow lines represent supplemental boundaries to the above historic district.



Location of Theodolite Tower Chesapeake, Resource 198.



Location of Theodolite Tower Point No Point, Resource 199.



ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT

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NAVAL AIR STATION PATUXENT RIVER

ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARY'S COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY, MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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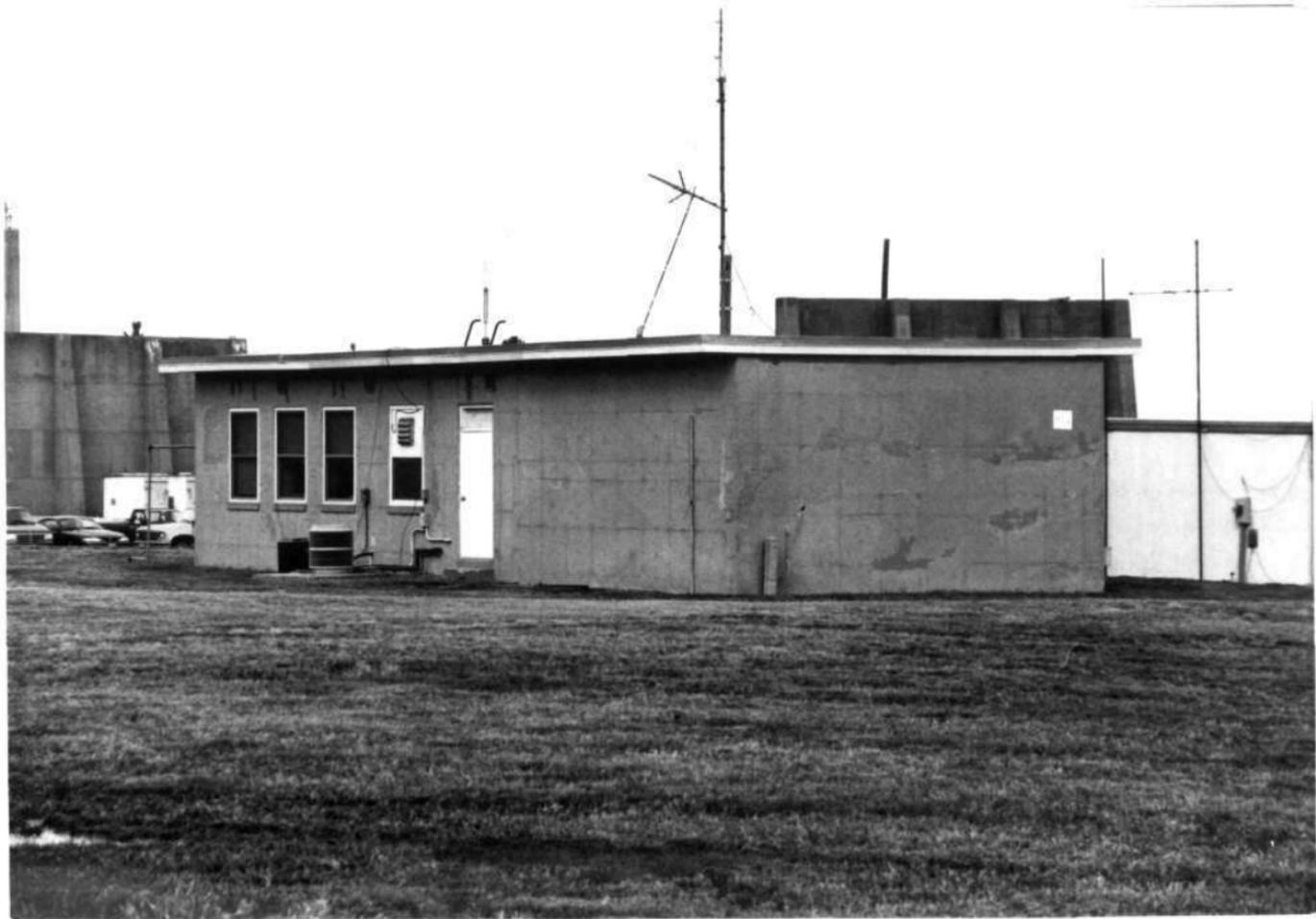


ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
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NAVAL AIR STATION PATUXENT RIVER
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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY, MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND
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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUCKET RIVER
ST. MARYS COUNTY, MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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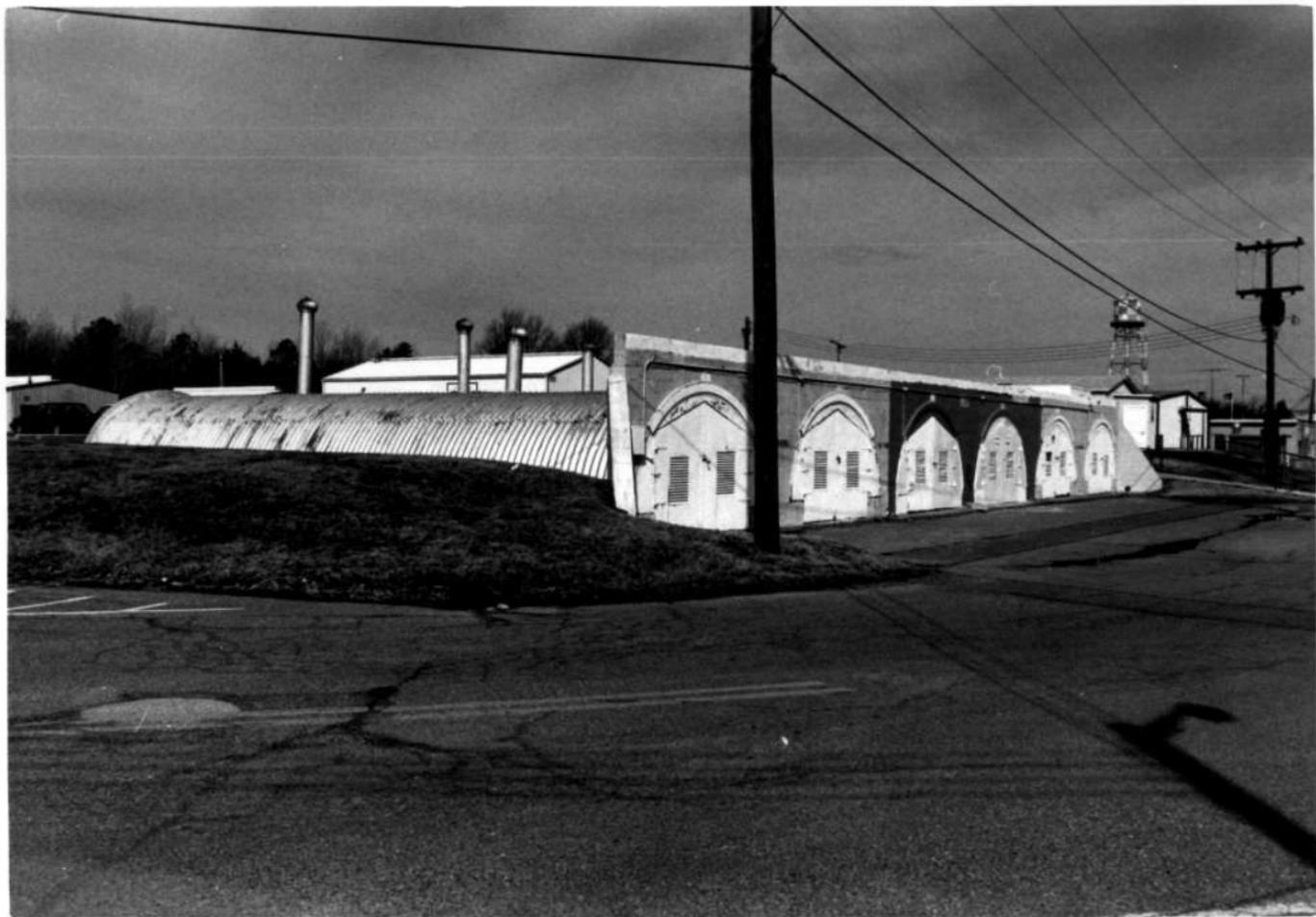
ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIR STATION PATUXENT RIVER
ST. MARYS COUNTY MARYLAND

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ARMAMENT TEST HISTORIC DISTRICT
NAVAL AIRSTATION PATUXENT RIVER
ST MARYS COUNTY, MARYLAND

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MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 167: Receiver Building

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: _____ yes

Description of Property and Justification: *(Please attach map and photo)*

Building 167 is a former Receiver Building aboard NAS Patuxent River located on Arthur Road west of Cedar Point. The building was constructed in 1954. It is a one-story, rectangular plan structure of concrete block construction. It rests on a concrete pad foundation. The building is approximately 12' long on its north-south axis and 25' long on its east-west axis. The south façade contains the only entrances, through two equally-spaced steel doors. The north and south facades are not fenestrated. The north façade contains two 2/4 wood framed windows on the west end of the structure. A quarter-ellipse-shaped vent is installed on the east end of this façade. The west façade contains two vents near the roof peak. The structure features a medium-pitched side-gabled roof covered with composite shingles. The roof has a slight overhang with metal paneled soffits. The building has been clad in replacement vinyl siding.

Building 167 originally functioned as a receiver for the neighboring antennas in the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). It is now a standby generator building. Because Building 167 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Building 167 is in good condition, but has had alterations, mainly consisting of the addition of vinyl siding, which in this case significantly alters the building. This resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, or D.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended

MHT Comments:

Jonathan Sager
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



167

SM-900

Resource 167 - Receiver Building

Armament / Electronics / Weapons Test Historic Building

St. Mary's County, Maryland

Sherry DeFrecce

6 October 2004

MD SHPO

Resource 167 - camera facing east - west facade

#1 of 4

November 04 133069 12:11:12

5880/13



SM-900

Resource 167-Receiver Building

Armament / Electronics / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

6 October 2004

MD SHPO

Resource 167-north facade, camera facing east

2 of 4

November 04 14:06 1211 1 N

5880/14.4



SM-900

Resource 167- Receiver Building
Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

6 October 2004

MD SHPD

Resource 167 - east facade - camera facing southwest
3 of 4

November 04/1539 1211 J N

5880/15



SM - 900

Resource 167 - Receiver Building
Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

6 October 2004

MD SHPD

Resource 167 - south facade, camera facing west

#4 of 4

November 04 16:30 1211 1 N

5880/16

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 172: Receiver Building File with District SM-900
Address: Naval Air Station Patuxent River
City: Lexington Park Zip Code: 20670 County: Saint Marys
USGS Quadrangle(s): Solomons Island
Tax Map Parcel Number(s): _____ Tax Map Number: _____
Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy
Agency Prepared By: LGGROUP, Inc.
Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004
Preparer's Eligibility Recommendation: Eligibility not recommended
Complete if the property is a non-contributing resource to a NR district/property:
Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.
Inventory Number: SM-900 Eligible: yes Listed: yes

Description of Property and Justification: *(Please attach map and photo)*

Building 172 is a Receiver Building aboard NAS Patuxent River located on Arthur Road west of Cedar Point. The building was constructed in 1955. It is a one-story, rectangular plan structure of concrete block construction. It rests on a concrete pad foundation. The building is approximately 26' long on its north-south axis and 50' long on its east-west axis. The west façade serves as the main entrance and has a double steel door in the center of the building. To either side of the door is a vertical 1/1 aluminum sash window that appears to be a replacement. The east façade mirrors the west, with the exception of the door, which is a single width steel door. On the north façade two pairs of windows identical to those on the east and west facades are centered on the east end; a single pair of these windows is centered on the west end. The south façade mirrors the north. The structure has a flat overhanging roof with a ridged metal paneled soffit. The building is in good condition.

Building 172 functions as a receiver for the neighboring antennas in the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Because Building 172 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965 and is infrastructural in nature, as are the nearby antennas, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, or D.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended

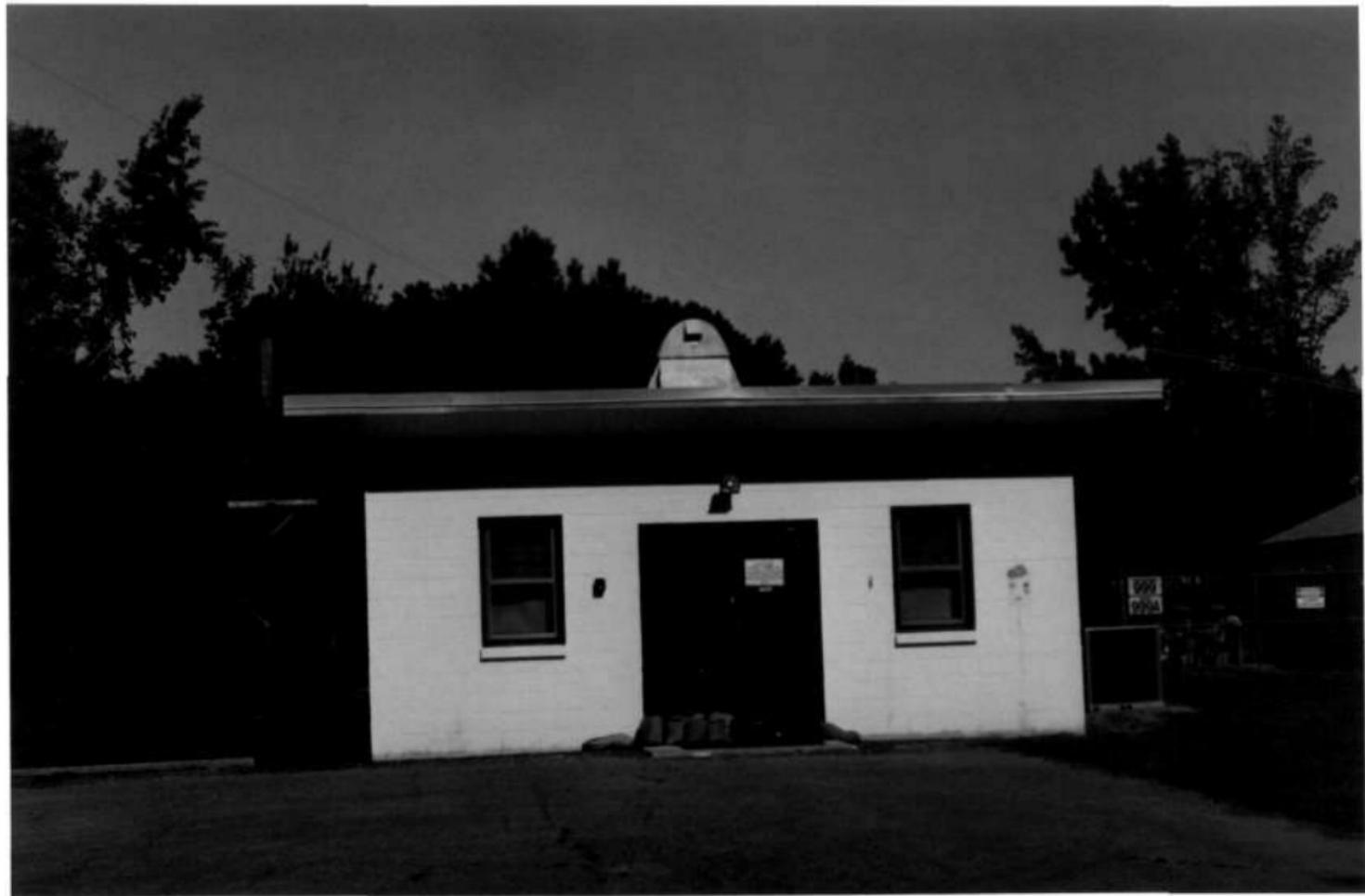
MHT Comments:

Jonathan Segy
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



SM-900

Resource 172 - Receiver Building
Armament / Electronics / Weapons Test Historic District
St. Mary's County Maryland

Sherry DeFreece

6 October 2004

MD SHPO

Resource 172 - camera facing east - west facade

#1 of 4



SM-900
Resource 172 - Receiver Building
Armament / Electronics / Weapons Historic District
St. Mary's County, Maryland

Sherry DeReece
6 October 2004

MD SHPD

Resource 172 - camera facing south-north facade
#2 of 4



SM-900

Resource 172 - Receiver Building

Armament (Electronics/Weapons Test) Historic District

St. Mary's County, Maryland

Sherry DeFreed

6 October 2004

MD SHPO

Resource 172 - camera facing west - east facade

#3 of 4

November 04 11:06 9 11 11

5880 / 11



SM-900

Resource 172 - Receiver Building
Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreeze

6 October 2004

MD SHPO

Resource 172 - camera facing northeast-south facade
#4 of 4

November 04 12:06 211 1 N

5880/12

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes no
SM-900

Property Name: Building 176: Electrical and Electronics Sys. Lab Inventory Number: Contrib. Res.

Address: Naval Air Station Patuxent River Historic district: yes no

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Property Owner: United States of America, Dept. of the Navy Tax Account ID Number: _____

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Documentation is presented in: S. N. DeFreece and D. A. Gasparini. 2004. Historic and Architectural Resources of the Early Cold War Period: 1950-1965, Naval Air Station Patuxent River, Maryland. LGGROUP Miscellaneous Reports No. 8.

Preparer's Eligibility Recommendation: _____ Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: yes

Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

The Electrical and Electronics Systems Laboratory (of the Ground Range Antenna Test Facility [GRATF], Building 176) aboard NAS Patuxent River is located at the northwest corner of the intersection of Cedar Point and McCauley Roads along the eastern side of the NAS. The facility was constructed in 1955, and consists of a small one-story rectangular concrete block structure 17' 5" long, 13' 5" wide, and 14' tall. It rests on a concrete slab foundation. It features a medium-pitched gabled roof with asphalt shingles that is a later addition from a flat roof. The gable ends are finished in horizontal metal siding and contain vents. The main entrance is through a steel door on the west façade. Two minor wood additions have been made to the structure; one on the north façade, and one to the east. The north façade contains one window, a large single pane fixed frame, from which to view the testing range.

In addition to the Systems Laboratory, the GRATF contains other structures related to the Test Facility. A 22' stationary tower is located near the Systems Laboratory at the end of an 8' by 480' guideway extending down the center of the test area. A moveable trolley is located along the guideway, to which an azimuth-over-elevation positioner and test tower can be mounted. Together, these structures are used to conduct antenna testing, an important part of the NAS PAX mission as a test facility (Naval Air

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended Eligibility not recommended _____

Criteria: A B C D Considerations: A B C D E F G

MHT Comments: Contributes to SM-900

Andrew Lewis 6/22/05
Reviewer, Office of Preservation Services Date

[Signature] 6/21/05
Reviewer, National Register Program Date

Contrib.Res.

Building 176: Electrical and Electronics Sys. Lab

Page 2

SM-900

Warfare Center Aircraft Division. Ground Range Antenna Test Facility. NAS Patuxent River, Maryland, July 2001).

Despite being continually upgraded, Building 176 retains most of its historic architectural and engineering integrity. It is the nature of the research conducted by this facility to upgrade, and some alterations are to be expected. While this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, or D, due to the important historic function as it relates to the Cold War mission of NAS Patuxent River, and its advancements in military testing, Building 176 is a contributing resource to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900).

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended _____

Criteria: ___ A ___ B ___ C ___ D Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G

MHT Comments:

Reviewer, Office of Preservation Services

Date

Reviewer, National Register Program

Date



SM-900

Resource 176 - Electronics Systems Laboratory

Armament / Electronics / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

4 October 2004

MO SHPO

Resource 176 camera facing north

#187 (5x7)

> 11-07 NNN-958 <



176

SM-900

Resource 176 - Electronics Systems Laboratory
Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland
Sherry DeFreece

4 October 2004

MD SHPO

Resource 176 - camera facing south
#2 of 7 (5x7)

646 - NNN 20 - II < >



SM-900

Resource 176 - Electronics Systems Laboratory
Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

4 October 2004

MD SHPO

Resource 176 - camera facing west

#3 of 7 (5x7)

646 -NNN 50- II< >



SM-900

Resource 176 - Electronics Systems Laboratory Target
Armament / Electronics / Weapons Historic District

St. Mary's County, Maryland

Sherry DeFreece

4 October 2004

MD SAPO

Resource 176 target - camera facing northeast

#4 of 7 (5x7)

< 11-05 NNN-949 >



SM 900

Building 176 - Electronics Systems Laboratory
Armament/ Electronics/ Weapons Historic District
St. Mary's County, MD

Sherry DeFreece
4 October 2004

MD SHPO

Building 176 camera Facing east

#5 of 7

November 04 10 43 07 1 1 1 1



Sm 900

Building 176 - Electronics Systems Laboratory Target
Armament / Electronics / Weapons Historic District
St. Mary's County, Maryland

Sherry DeFreese

4 October 2004

MD SHPO

Building 176 camera facing NE

6 of 7

November 04 10:05:07 211 1 H



SM 900
Building 176 Electronics Systems Laboratory Target
Armament/ Electronics/ Weapons Historic District
St. Mary's County, Maryland
Sherry DeFreece

4 October 2004

MD SHPD

Building 176 camera facing NW

#7 of 7

November 04 10:06:07 12711111

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes
no

SM-900

Property Name: Theodolite Towers: Buildings 196, 197, 198 and 199 Inventory Number: Contrib-Res-

Address: Naval Air Station Patuxent River Historic district: yes no

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Property Owner: United States of America, Dept. of the Navy Tax Account ID Number: _____

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Documentation is presented in: S. N. DeFreece and D. A. Gasparini. 2004. Historic and Architectural Resources of the Early Cold War Period: 1950-1965, Naval Air Station Patuxent River, Maryland. LGGROUP Miscellaneous Reports No. 8.

Preparer's Eligibility Recommendation: _____ Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: yes

Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

A series of theodolite towers (Buildings 196, 197, 198, and 199) aboard NAS Patuxent River were constructed in 1960. Theodolite Tower Cedar Point (Building 196) is located on Cedar Point on the east side of NAS PAX. Theodolite Tower Pylon (Building 197) is located southwest of the Chesapeake Bay Basin. Theodolite Tower Chesapeake (Building 198) is located 4.03 nautical miles south of Theodolite Tower Pylon on the shore of the Chesapeake Bay, and Point-No-Point (Building 199) is located eight miles south of Theodolite Tower Pylon. Though these resources are not located on-base, they are still directly associated with the site. Additional towers associated with these resources include Theodolite Towers Bay Forest and Point Lookout. The resources off-base are all located along the shore of the Chesapeake Bay within 32.33 nautical miles of Cedar Point.

These structures are two-story rectangular towers, 13' 4" square at the base and 25' tall (NAS Public Works Department. Theodolite Towers Plans and Elevations, Drawing No. 39217. Submitted by Carl C. Hansen, Silver Spring, Maryland. 6 October 1959). They are constructed of concrete masonry units within a concrete perimeter beam. On top of the towers are platforms, accessed via a metal staircase that supports the theodolites. The theodolite equipment is contained within prominent fiberglass retractable domes. Used together, the theodolites triangulate for optical tracking of weather balloons and aircraft. Inside the

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input checked="" type="checkbox"/>	Eligibility not recommended <input type="checkbox"/>
Criteria: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G
MHT Comments: <i>Contributes to SM-900</i>	
<i>Andrew Linn</i> Reviewer, Office of Preservation Services	<i>6/22/05</i> Date
<i>B. Linn</i> Reviewer, National Register Program	<i>6/21/05</i> Date

honeycombed fiberglass domes are 60" rotating optical lenses, which can track 3 to 6 miles away at 20x magnification.

Building 196 is the best example of the four listed for integrity of design and engineering integrity. It does not appear to have been altered, and still possesses its original unfinished concrete masonry unit finish. Buildings 197, 198, and 199 have had an application of vinyl siding attached with wood slats through the concrete masonry units. This has detracted visually from the integrity of these three structures; however, the siding is easily removable and appears to have caused no damage to the underlying structure.

From their construction during the Cold War and through the present, Buildings 196, 197, 198, and 199 have served and continue to serve as an integral part of NAS Patuxent River's mission. These resources, although displaying minor, removable alterations, retain their integrity. As resources less than 50 years of age, they do not meet the level of exceptional significance (Criterion Consideration G) to be individually eligible for the NRHP; however, they hold enough significance for their association with the role of NAS Patuxent River in the early Cold War (Criterion A) and are representative examples of theodolite tower construction during the Cold War era (Criterion C) to be contributing resources to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900).

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended _____

Criteria: ___ A ___ B ___ C ___ D Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G

MHT Comments:

Reviewer, Office of Preservation Services

Date

Reviewer, National Register Program

Date

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

SM-900

Property Name: Buildings 196 and 197 - Theodolite Towers File with District SM-357
Address: Buildings 196 and 197 - Theodolite Towers
City: NAS Patuxent River Zip Code: 20670 County: Saint Marys
USGS Quadrangle(s): Solomons Island
Tax Map Parcel Number(s): _____ Tax Map Number: _____
Project: _____ Agency: NAVY
Agency Prepared By: Louis Berger Group, Inc.
Preparer's Name: M. Bowers and others Date Prepared: 11/1/1999
Preparer's Eligibility Recommendation: Eligibility not recommended
Complete if the property is a non-contributing resource to a NR district/property:
Name of the District/Property: Patuxent River N.A.S.
Inventory Number: SM-357 Eligible: yes Listed: _____ yes

Description of Property and Justification: *(Please attach map and photo)*

Buildings 196 and 197 are two of the four theodolite towers constructed in 1959-60. The other two structures are situated at Point Lookout and Point No Point, locations about 10 and 15 miles, respectively, south of NAS Patuxent River. At least three, and possibly all four, of these towers replaced similar facilities installed in 1950. Both the 1950 facilities and their successors provided support for activities on the Chesapeake Test Range, and continue to perform this service today. Buildings 196 and 197 are examples of the mission support property type, specifically structures carrying locational aids employed during various test department's use of the aerial firing range located along the west side of Chesapeake Bay between Cove Point and Point Lookout. This evaluation concludes that although the theodolite towers did directly support the principal mission of NAS Patuxent River in the Cold War period, they cannot be materially distinguished among the larger number and variety of communication and navigational technologies employed at the station during the period. Neither their association with the station's mission, nor their design and use of materials, demonstrate the exceptional significance required for National Register eligibility under Criteria Consideration G governing resources less than 50 years of age. Upon reaching the age of 50 years, these resources may warrant re-evaluation under the standard National Register Criteria.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended Eligibility not recommended _____

MHT Comments: *see SM-900*

Andrew Linn
Reviewer, Office of Preservation Services

8/22/05

Date

n/a [Signature]
Reviewer, National Register Program

6/21/05

Date

NATIONAL REGISTER EVALUATION STATEMENT

Buildings 196 and 197
Theodolite Towers

Description:

Buildings 196 and 197 are identical structures. Building 196 is located at Cedar Point, and Building 197 is located at the far southern end of the Armament Test (now Strike Force) area. Each is basically a platform on which a theodolite, enclosed in a protective dome, is mounted. (A theodolite is a surveying instrument for measuring horizontal and vertical angles by means of a small telescope that moves in both horizontal and vertical planes.) The platform is about 20 feet high, and has a reinforced concrete frame. The areas between framing members are filled with concrete block, and the whole exterior is painted gray. A steel door at the base of each tower, shielded from the elements by a sheet steel shed roof, provides access to the tower interior, which is illuminated by "fixed security windows" of steel in each side wall. A flight of steel stairs winds partway around each tower to provide access to the theodolite platform.

National Register Evaluation:

Buildings 196 and 197 are two of four theodolite towers constructed in 1959-60. The other two structures are situated at Point Lookout and Point No Point, locations about 10 and 15 miles, respectively, south of NAS Patuxent River. At least three, and possibly all four, of these towers replaced similar facilities installed in 1950. Both the 1950 facilities and their successors provided support for activities on the Chesapeake Test Range, and continue to perform this service today. Within the historic context "NAS Patuxent River and Webster Field during the Early Cold War Period, 1945-1965," Buildings 196 and 197 are examples of the mission support property type, specifically structures carrying locational aids employed during various test departments use of the aerial firing range located along the west side of Chesapeake Bay between Cove Point to Point Lookout. This evaluation concludes that although the theodolite towers did directly support the principal mission of NAS Patuxent River in the Cold War period, they cannot be materially distinguished among the larger number and variety of communication and navigational technologies employed at the station during the period. Neither their association with the station's mission, nor their design and use of materials, demonstrate the exceptional significance required for National Register eligibility under Criteria Consideration G governing resources less than 50 years of age. Upon reaching the age of 50 years, these resources may warrant re-evaluation under the standard National Register Criteria.

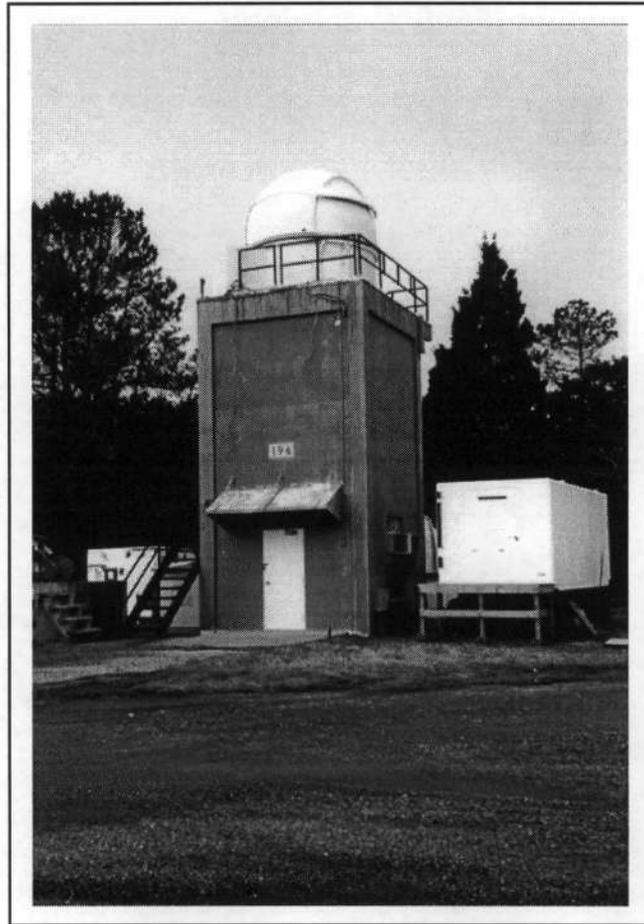
References:

US. Department of the Navy, Bureau of Yards and Docks
1959 Naval Air Station Patuxent River, Maryland. Theodolite Towers, Plans and Elevations. Y&D # 880843; Building Details and Plot Plan for "Chesapeake", Y&D #880844; Plot Plans, Point No Point, Armament Test Area, and Cedar Point, Y&D # 880845. Approved 6 October 1959. Carl C. Hanson, Consulting Engineer, Silver Spring, Maryland. On file at Public Works Office, NAS Patuxent River.

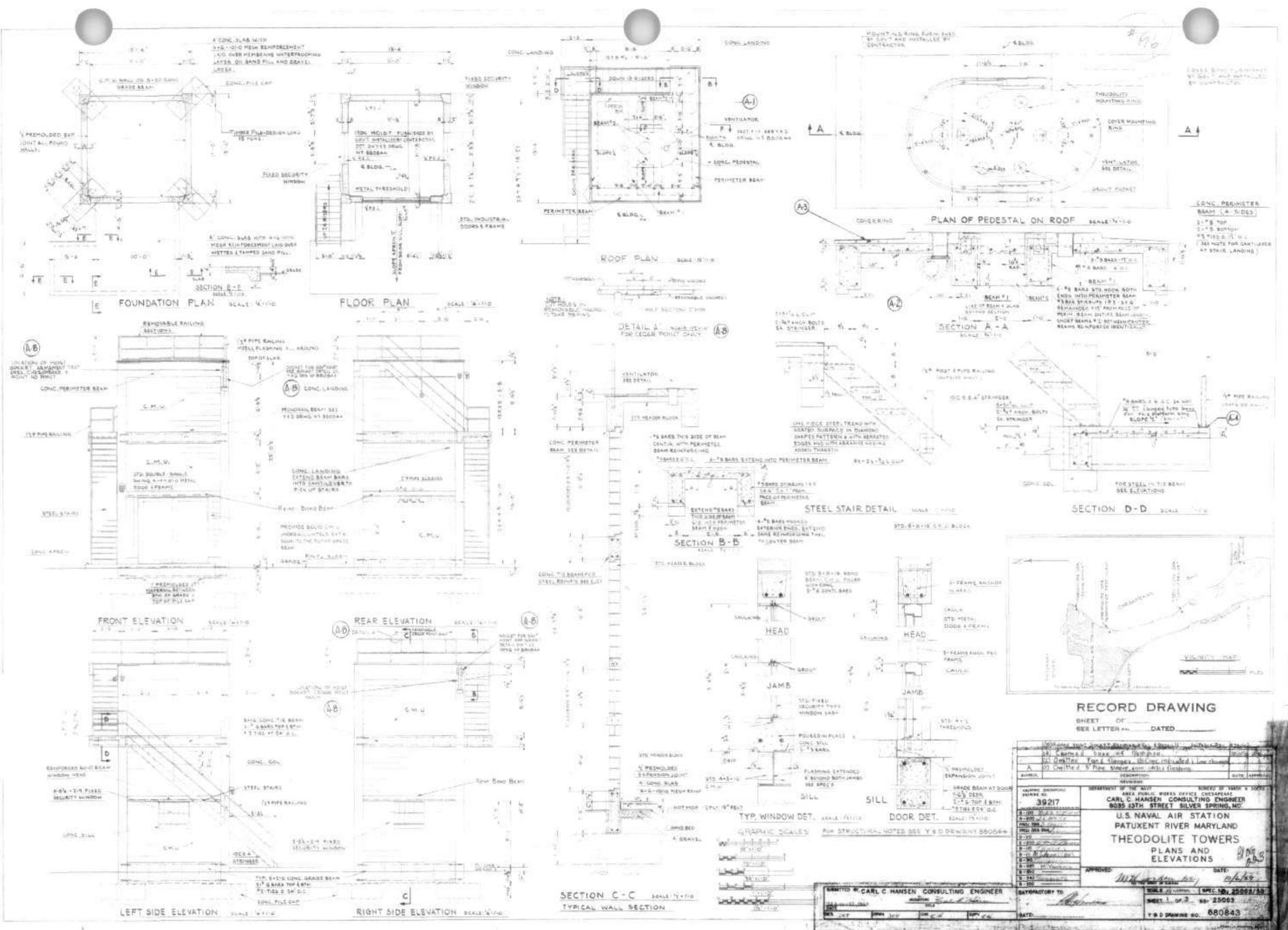
SM-900

Prepared by:

M. Bowers, R. Casella and P. Pendleton
Louis Berger Group, Inc.
100 Halsted Street
East Orange, New Jersey 07019
November 1999



Building 196, East Elevation (Representative of Buildings 196, 197 and the Point No Point and Point Lookout Towers) (1999)



RECORD DRAWING
SHEET OF _____ DATED _____

DRAWING NO. 39217 DATE 10/1/54 PROJECT NO. 39217 SHEET NO. 1 OF 3	U.S. NAVAL AIR STATION PATUXENT RIVER MARYLAND THEODOLITE TOWERS PLANS AND ELEVATIONS	DRAWN BY: [Signature] CHECKED BY: [Signature] DATE: 10/1/54
--	---	---

CARL C. HANSEN CONSULTING ENGINEER
 8035 13TH STREET SILVER SPRING, MD.
 LICENSE NO. 23063
 Y & D DRAWING NO. 880843

54-900

(A-8)

LOCATION OF HOIST SOCKET, ARMAMENT TEST AREA, CHESAPEAKE & POINT NO POINT.

CONC. PERIMETER BEAM

1/2" PIPE RAILING

STEEL STAIRS

CONC. APRON

REMOVABLE RAILING SECTIONS

3'-0"

1/2" PIPE RAILING
METAL FLASHING ALL AROUND

TOP OF SLAB

11'-0"

SOCKET FOR 500# HDI
SEE SOCKET DETAIL
Y & D DRG. NO. 880B4

(A-8) CONC. LAN

C.M.U.

MONORAIL BEAM S
Y & D DRG. NO. 880

6'-8 3/8"

1'-4"

25'-0 1/2"

C.M.U.

STD. DOUBLE - SINGLE
SWING 4'-0" x 8'-0" METAL
DOOR & FRAME

CONC. LANDI
EXTEND BEAM
INTO CANTILE
PICK UP STAIR

REINF. BOND BEAM

PROVIDE SOLID C.M.
UNDER ALL LINTELS &
DOWN TO THE TOP OF
BEAM.

8'-0"

FIN. FL. SL
GRADE

6"

1'-0"

1'-11 3/8"

1" PREMOLDED JT.
MATERIAL BETWEEN
BTM. OF GRADE &
TOP OF PILE CAP

FRONT ELEVATION

SCALE: 1/4" = 1'-0"

3'-5"

4'-0"

4'-0"

4'-8"



Reasbur
Systems

SP11-900

Resource 196 - Theodolite Tower Cedar Point

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 196 - camera looking southeast

*1 of 2 (5x7)

> 11-07 NNN-962

5853/p



SM-900

Resource 1960 - Theodolite Tower Cedar Point

Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 196 - camera facing northwest
#2 of 2 (5x7)

296 -NNN 80- II < >

5853/11



197A

197

1099

SM-900

Resource 197 - Theodolite Tower Pylon

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 197 - camera facing south

#1 of 3 (5x7)

< 11-09 NNN-962 >

5853/21



SM-900

Resource 197- Theodolite Tower Pylon

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SAPO

Resource 197 - camera facing northeast

#2 of 3 (5x7)

296 - NNN 60 - II < >

5853/24



SM-900

Resource 197 - Theodolite Tower Pylon

Armament Test/Electronics Test/Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

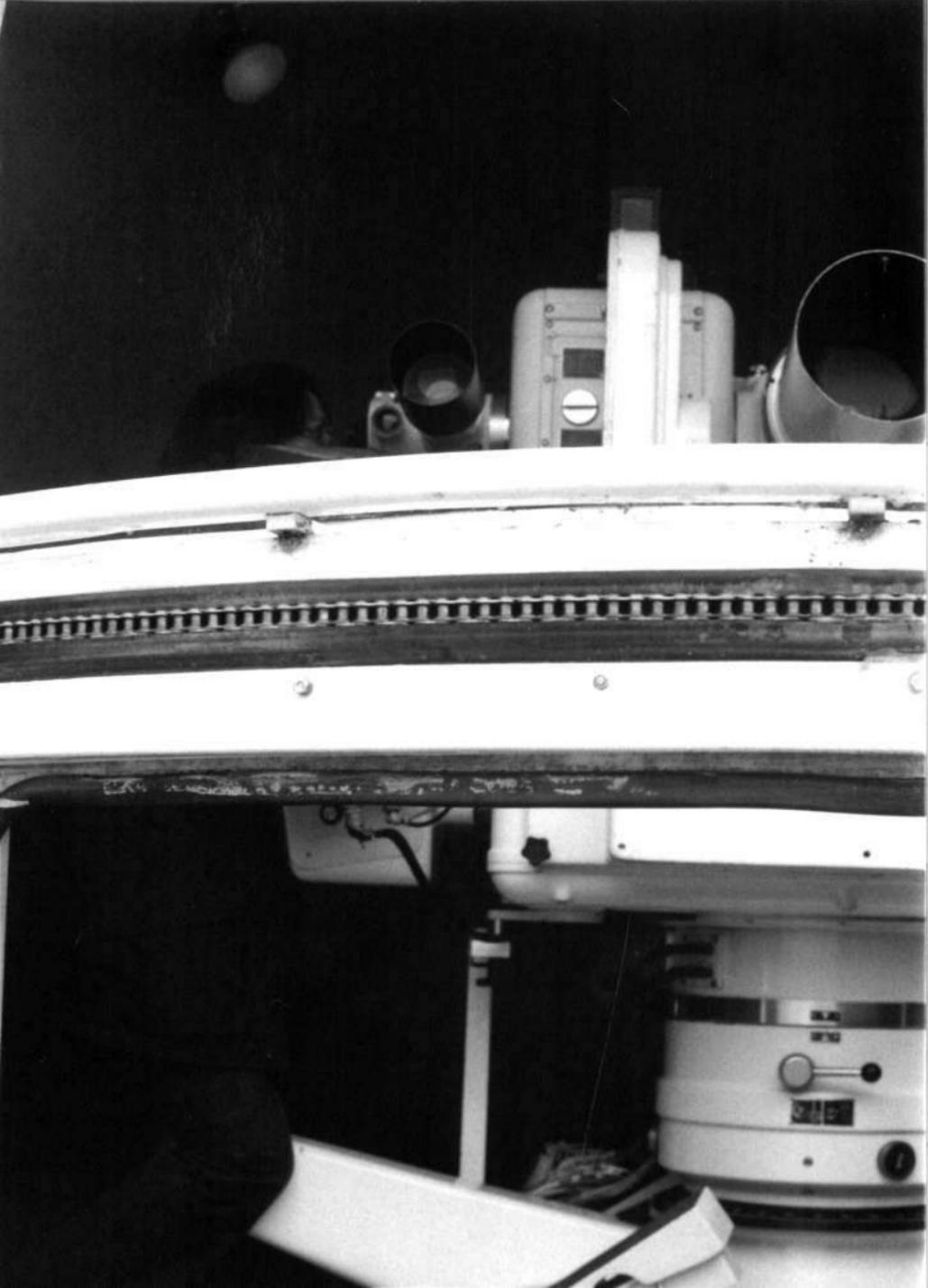
MD SHPO

Resource 197 - camera facing east - detail

#3 of 3 (5x7)

296 -NNN 60- 11< >

5853/25



SM-900

Resource 198 - Theodolite Tower Chesapeake

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 198 interior

#1 of 4 (5x7)

946 --NNN 00+ II< >

5853/16



198

LONG FENCE

106

SM-900

Resource 198 - Theodolite Tower Chesapeake

Armament Test / Electronics Test / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

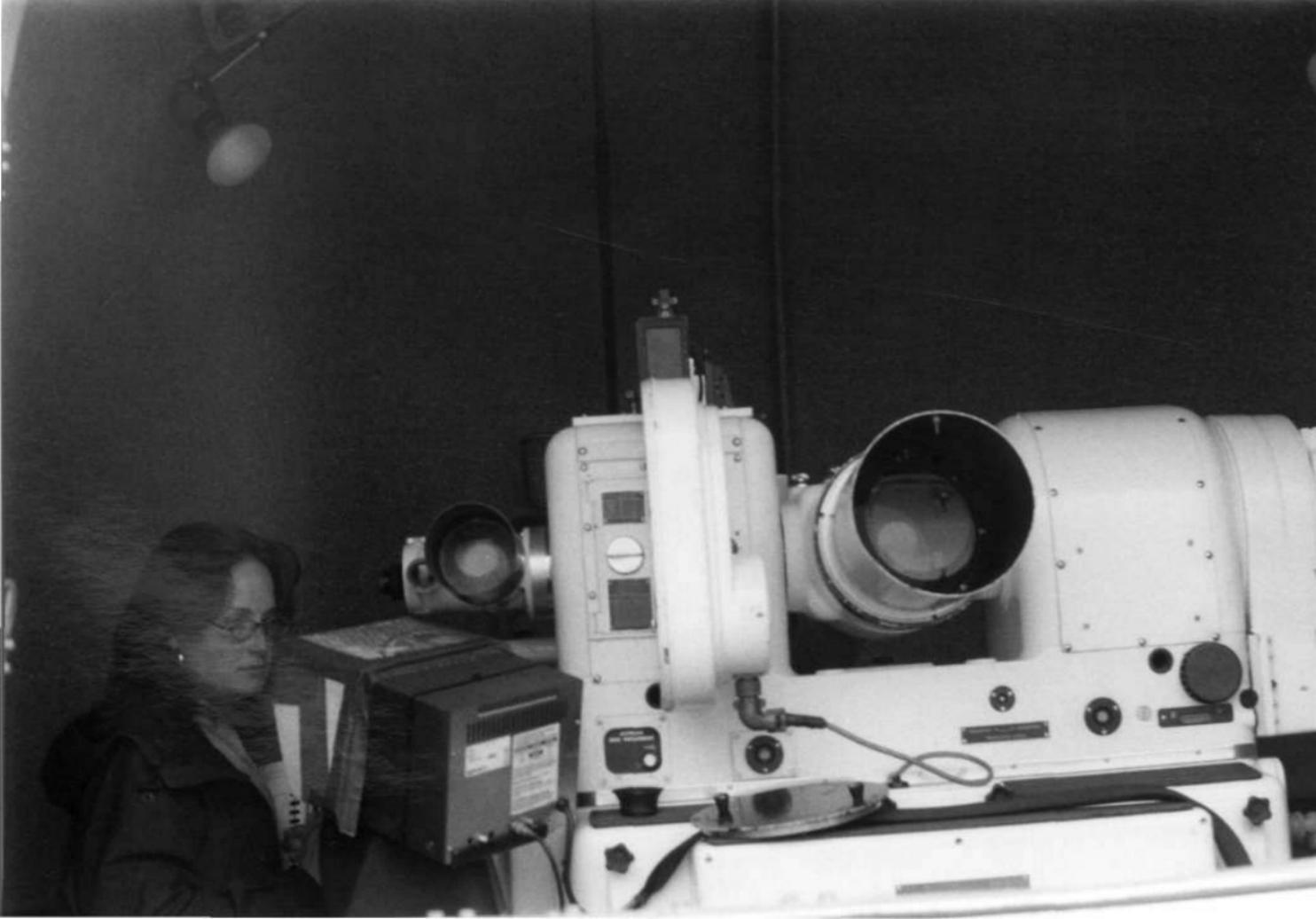
13 October 2004

MD SHPO

Resource 198 - camera facing southeast
#2 of 4 (5x7)

296 --NNN 80- 11< >

5853/13



SM-900

Resource 198-Theodolite Tower Chesapeake

Armament Test / Electronics Test / Weapons Test Historic District

St. Marys County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 198 - Interior

#3 of 4 (5x7)

296 -NNN 58- 11< >

5853/15



SM-900

Resource 198 - Theodolite Tower Chesapeake

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Cherry DeFreece

13 October 2004

MD SHPO

Resource 198 - camera looking southeast

#4 of 4 (5x7)

296 — NIN 60- II < >

5853/13



SM-900

Resource 199 - Theodolite Tower Point - No-Point

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 199 - camera facing southwest

#1 of 3 (5x7)

296 - NNN 20 - II < >

5853/19



SM-900

Resource 199 - Theodolite Tower Point - No-Point
Armament Test / Electronics Test / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 199 - dome detail - camera looking southeast
#2 of 3 (5x7)

962 — 09 NNN — 11 < >

5853/20



SM-900

Resource 199 - Theodolite Tower Point - No-Point

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 199 - camera facing southeast

3 of 3 (5x7)

296 - NNN 20 - II < >

5853/18

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes

no

SM-900

Property Name: Building 248: High Explosive Magazine Inventory Number: Contrib.Res.

Address: Naval Air Station Patuxent River Historic district: yes no

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Property Owner: United States of America, Dept. of the Navy Tax Account ID Number: _____

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Documentation is presented in: S. N. DeFreece and D. A. Gasparini. 2004. Historic and Architectural Resources of the Early Cold War Period: 1950-1965, Naval Air Station Patuxent River, Maryland. LGGROUP Miscellaneous Reports No. 8.

Preparer's Eligibility Recommendation: Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: yes

Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

A High Explosive Magazine (Building 248) aboard NAS Patuxent River is located at the north end of Payne Road at Davis Circle. Constructed in 1952, the magazine exemplifies a change in construction and blast protection techniques from magazines built in World War II. Building 248 is a poured concrete barrel vault under an earthen berm, measuring 60' long, 25' wide and approximately 12' high from the poured concrete floor to the ceiling. The floor slopes to the exterior walls, and around the interior perimeter is a 2" deep French drain. At the top of the magazine at the east end, extending through the earth berm is a ventilator damper. This ventilator serves to stifle any fires that may break out in the magazine. The east façade serves as the only entry point to the magazine. Here, 12' wide steel vault doors secure the facility. Directly across from the entry is a retaining (or blast) wall. The truncated pyramidal wall is 70' long, and roughly 12' tall.

Building 248 is in very good condition, despite the presence of mild corrosion on the interior portion of the barrel vaulted roof from water damage to reinforcing materials. It retains its architectural and engineering integrity. While this resource does not individually meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, or D, the magazine was an integral part of the Cold War mission of NAS Patuxent River, and continues to serve its function within the Armament

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

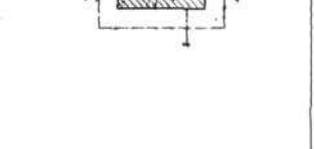
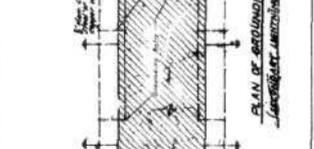
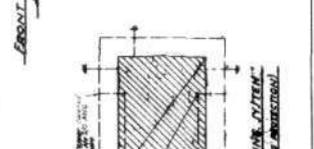
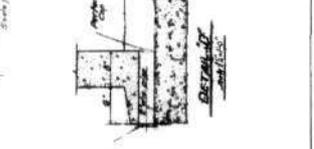
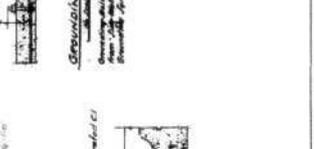
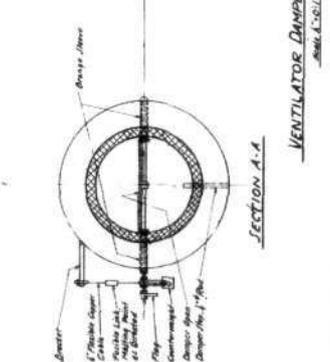
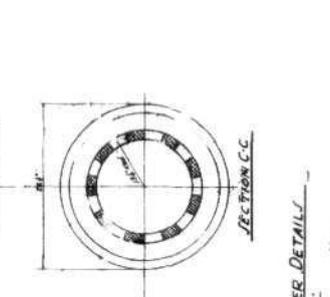
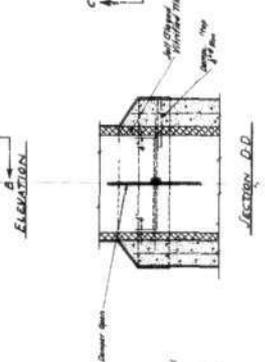
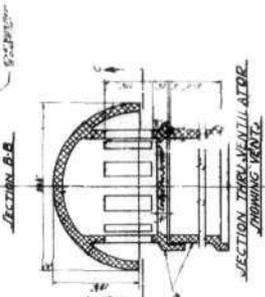
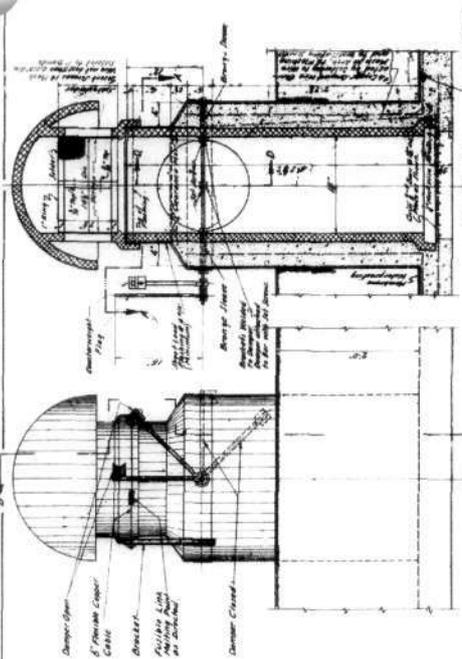
MHT Comments: *Contributes to SM-900*

Andrew Lewis _____ *6/22/05* _____
Reviewer, Office of Preservation Services Date

R. Kuntze _____ *6/21/05* _____
Reviewer, National Register Program Date

Test/Electronics Test/Weapons Test Historic District (SM-900). It is a contributing resource to this historic district.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended _____	Eligibility not recommended _____
Criteria: ___A ___B ___C ___D	Considerations: ___A ___B ___C ___D ___E ___F ___G
MHT Comments:	
_____ Reviewer, Office of Preservation Services	_____ Date
_____ Reviewer, National Register Program	_____ Date



DESIGNATION	DATE	REVISIONS
NO. 1	1/25/35	
NO. 2	2/10/35	
NO. 3	3/15/35	
NO. 4	4/20/35	
NO. 5	5/25/35	
NO. 6	6/30/35	
NO. 7	7/31/35	
NO. 8	8/31/35	
NO. 9	9/30/35	
NO. 10	10/31/35	
NO. 11	11/30/35	
NO. 12	12/31/35	
NO. 13	1/31/36	
NO. 14	2/28/36	
NO. 15	3/27/36	
NO. 16	4/26/36	
NO. 17	5/25/36	
NO. 18	6/24/36	
NO. 19	7/23/36	
NO. 20	8/22/36	
NO. 21	9/21/36	
NO. 22	10/20/36	
NO. 23	11/19/36	
NO. 24	12/18/36	
NO. 25	1/17/37	
NO. 26	2/16/37	
NO. 27	3/15/37	
NO. 28	4/14/37	
NO. 29	5/13/37	
NO. 30	6/12/37	
NO. 31	7/11/37	
NO. 32	8/10/37	
NO. 33	9/9/37	
NO. 34	10/8/37	
NO. 35	11/7/37	
NO. 36	12/6/37	
NO. 37	1/5/38	
NO. 38	2/4/38	
NO. 39	3/4/38	
NO. 40	4/3/38	
NO. 41	5/3/38	
NO. 42	6/2/38	
NO. 43	7/2/38	
NO. 44	8/1/38	
NO. 45	9/1/38	
NO. 46	10/1/38	
NO. 47	11/1/38	
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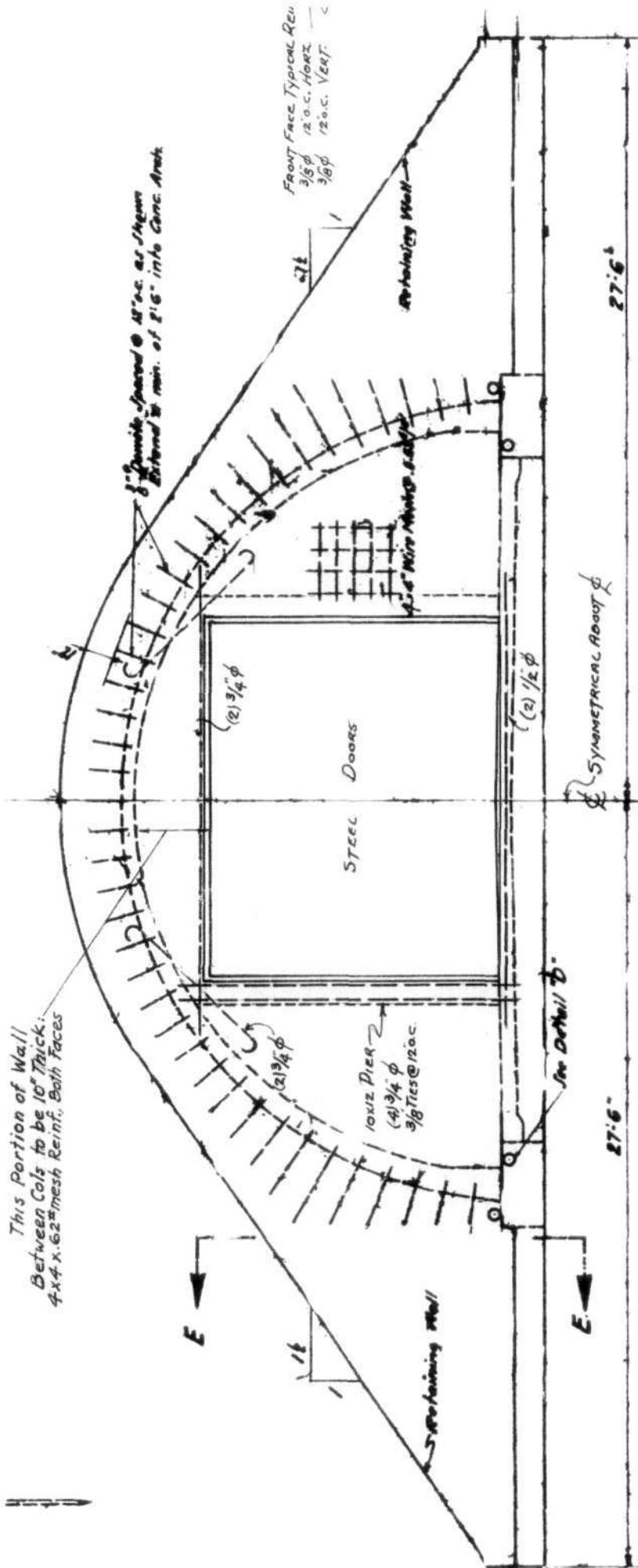
NEW H. MARAZINE
SECTIONS & DETAILS

U.S. MARINE AIR STATION
MIDWINTER BAY, MD.

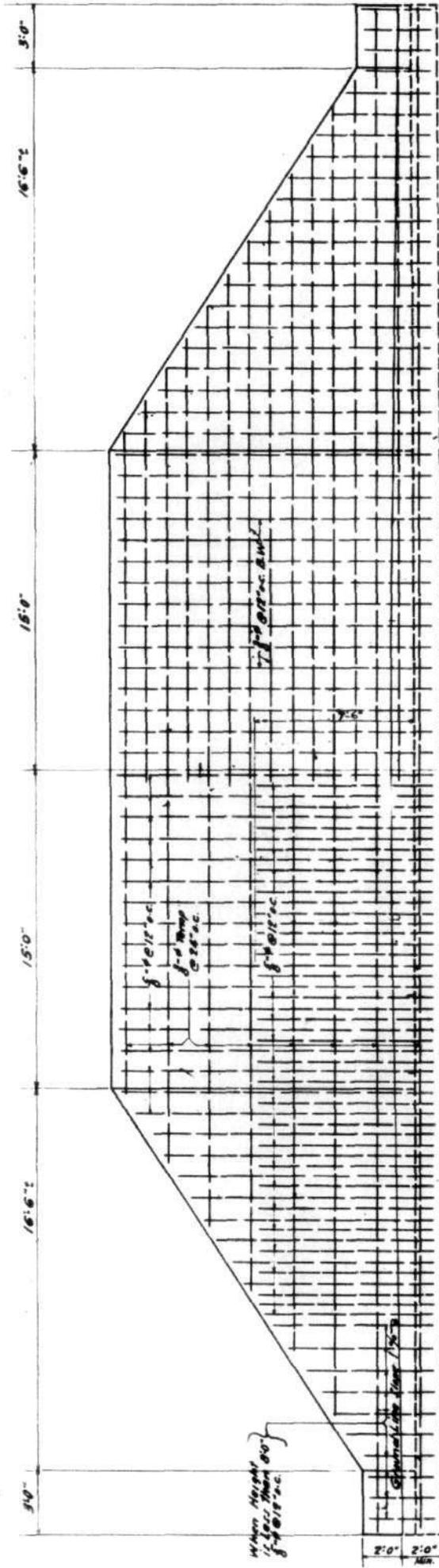
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DATE: 1/25/35

NO. 287



SM-900



HALF ELEVATION RETAINING WALL SHOWING REINF. REAR FACE

HALF ELEVATION RETAINING WALL SHOWING REINF. FRONT FACE

ELEVATION F.F.
Scale 1/4" = 1'-0"



SM-900

Resource 248: High Explosives Magazine

Armament / Electronics / Weapons Test Historic District

St. Mary's County, MD

Daria Gasparini

8 October 2004

MD SHPO

Resource 248 - Interior, looking Northeast

#1 of 3



SM-900

Resource 248 - High-Explosives Magazine

Armament / Electronics / Weapons Test Historic District

St. Mary's County, MD

Daria Gasparini

8 October 2004

MD SHPO

Resource 248 - looking south

#2 of 3 (5x7)

archival



SM-900

Resource 248 - High-Explosives Magazine

Armament/Electronics/ Weapons Test Historic District

St. Mary's County, MD

Daria Casparini

8 October 2004

MD SHPO

Resource 248 - looking north

#3 of 3 (5x7)

archival

MARYLAND HISTORICAL TRUST
~~**SHORT FORM FOR INELIGIBLE PROPERTIES**~~

Property Name: Building 253: Ordnance Operations Building File with District SM-900
Address: Naval Air Station Patuxent River
City: Lexington Park Zip Code: 20670 County: Saint Marys
USGS Quadrangle(s): Solomons Island
Tax Map Parcel Number(s): _____ Tax Map Number: _____
Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy
Agency Prepared By: LGGROUP, Inc.
Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004
Preparer's Eligibility Recommendation: Eligibility not recommended
Complete if the property is a non-contributing resource to a NR district/property:
Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.
Inventory Number: SM-900 Eligible: yes Listed: yes

Description of Property and Justification: *(Please attach map and photo)*

The Ordnance Operations Building (Building253) is located in the former Gunnery Office and Armory Building aboard NAS Patuxent River near the intersection of Payne and Utgoff Roads. Built in 1953, the building is a one-story, rectangular concrete block structure with a low-pitched, side-gabled roof. It is 74' long, and the original main block was 32' wide. The southwest façade contains six aluminum windows that replaced the originals. Two of these are narrower than the original configuration. The main entry is also on the southwest façade, through a replacement steel door. This steel door replaced the original door that was a paneled wood door with sidelights and transom that were original to the structure. On the northeast façade, a flat-roofed cement block addition creates an ell, and three replacement windows have been installed.

The former Gunnery Office and Armory Building has been significantly altered, but it continues to serve part of its original functions within the Armament Test/Electronics Test/Weapons Test Historic District (SM-900) as an office. It has lost much of its architectural integrity, therefore it is not recommended eligible for the NRHP and is not considered a contributing resource to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900).

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended

MHT Comments:

Jonathan Sage
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



SM-900

Resource 253-Ordnance Operations Building
Armament / Electronics / Weapons Test Historic District
St. Mary's County, MD

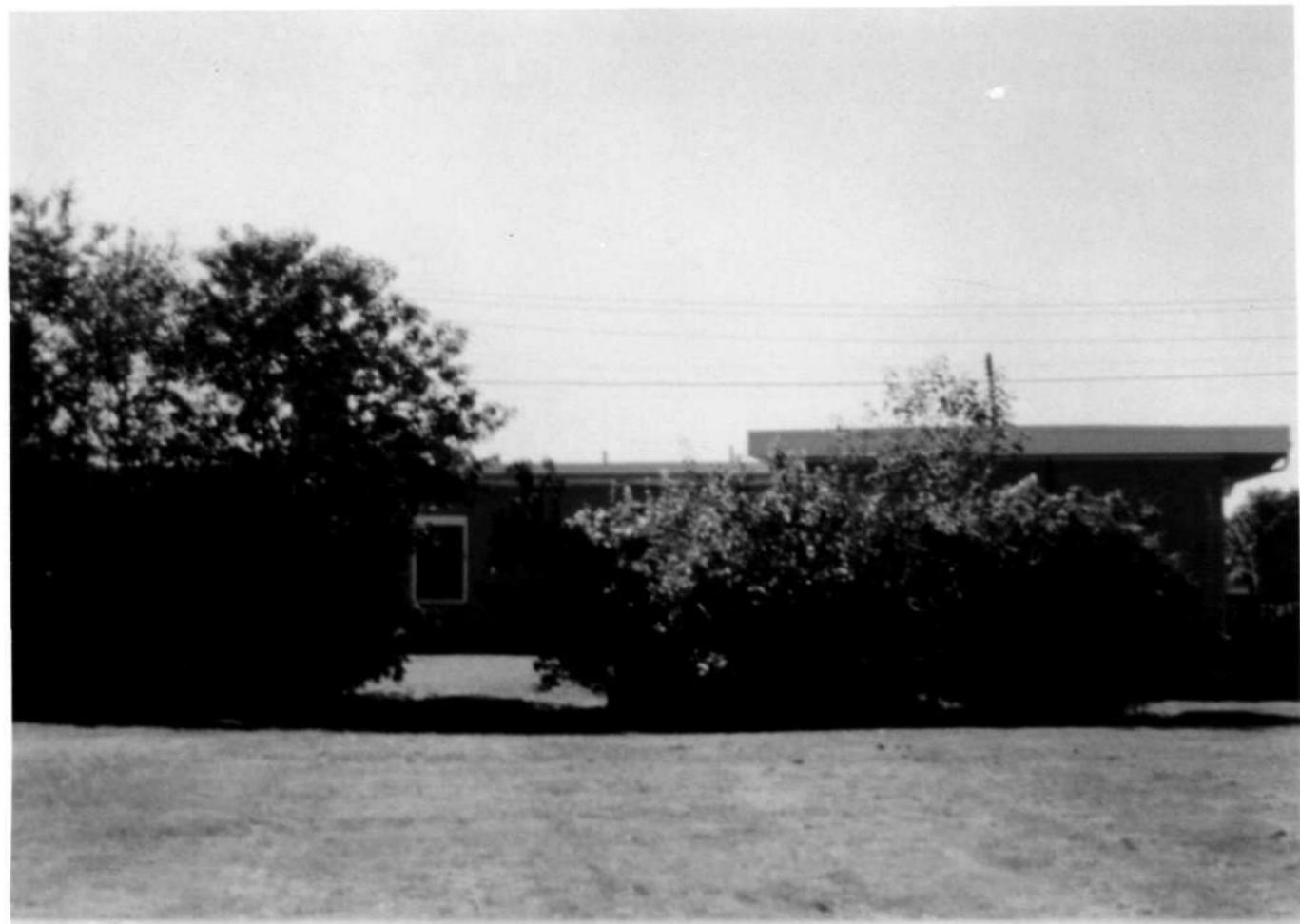
Daria Gasparini

9 October 2004

MD SHPO

Resource 253-West facade
#1 of 3 (5x7)

archival



SM-900

Resource 253 - Ordnance Operations Building
Armament / Electronics / Weapons Test Historic District
St. Mary's County, MD

Daria Gasparini

9 October 2004

MD SHPO

Resource 253-E, facade

#2 of 3 (5x7)

2004 10 09 10:00 AM

archival



SM-900
Resource 253 - Ordnance Operations Building
Armament / Electronics / Weapons Test Historic District
St. Marys County, MD
Daria Gasparini
9 October 2004
MD SHPO
Resource 253 - North facade
#3 of 3 (5x7)

archival

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 254: RDT&E Storage Lab File with District SM-900
Address: Naval Air Station Patuxent River
City: Lexington Park Zip Code: 20670 County: Saint Marys
USGS Quadrangle(s): Solomons Island
Tax Map Parcel Number(s): _____ Tax Map Number: _____
Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy
Agency Prepared By: LGGROUP, Inc.
Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004
Preparer's Eligibility Recommendation: Eligibility not recommended
Complete if the property is a non-contributing resource to a NR district/property:
Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.
Inventory Number: SM-900 Eligible: yes Listed: _____ yes

Description of Property and Justification: *(Please attach map and photo)*

An RDT&E Storage Lab (Building 254) is located west of the Chesapeake Bay Basin near Building 1173 at NAS Patuxent River, and was built in 1954 to service Hangars 201 and 115. It is a rectangular block concrete structure 16' 2" long on its north-south axis and 36' 6" long on its east-west axis. The building rests on a concrete slab foundation. The roof is a low-pitched gable with two metal turbine ventilators affixed on the east and west sides. The south, east and west facades are unfenestrated and have no architectural detailing. The north façade provides the only entry point through four equally spaced vented steel doors. The interior is divided into oxygen and paint storage rooms, separated by an 8" concrete block firewall extending through the roof. The two rooms are subdivided by wire partitions on a 2x4 frame (NAS Public Works Department. Bldg. No. 254 Paint & Oxygen Storage Building, Drawing No. S-1023. 23 November 1954).

Building 254 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965. It is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, Building 254 does not meet the eligibility requirements necessary for nomination to the NRHP under Criteria A, B, C, or D.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended _____	Eligibility not recommended <input checked="" type="checkbox"/>
MHT Comments:	
<u>Jonathan Sager</u> Reviewer, Office of Preservation Services	<u>6/22/05</u> Date
<u>n/a</u> Reviewer, National Register Program	_____ Date



254

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2-5428

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FOR ACCESS CONTACT
342 4200

4

SM-900

Resource 254 - RDT & E Storage Lab

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 254 - camera facing south

#1 of 5 (5x7)

< 22-04 NNN-941

5861/3



254

SM-900

Resource 254 - RDT/E Storage Lab

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County MD

Daria Gasparini

5 October 2005

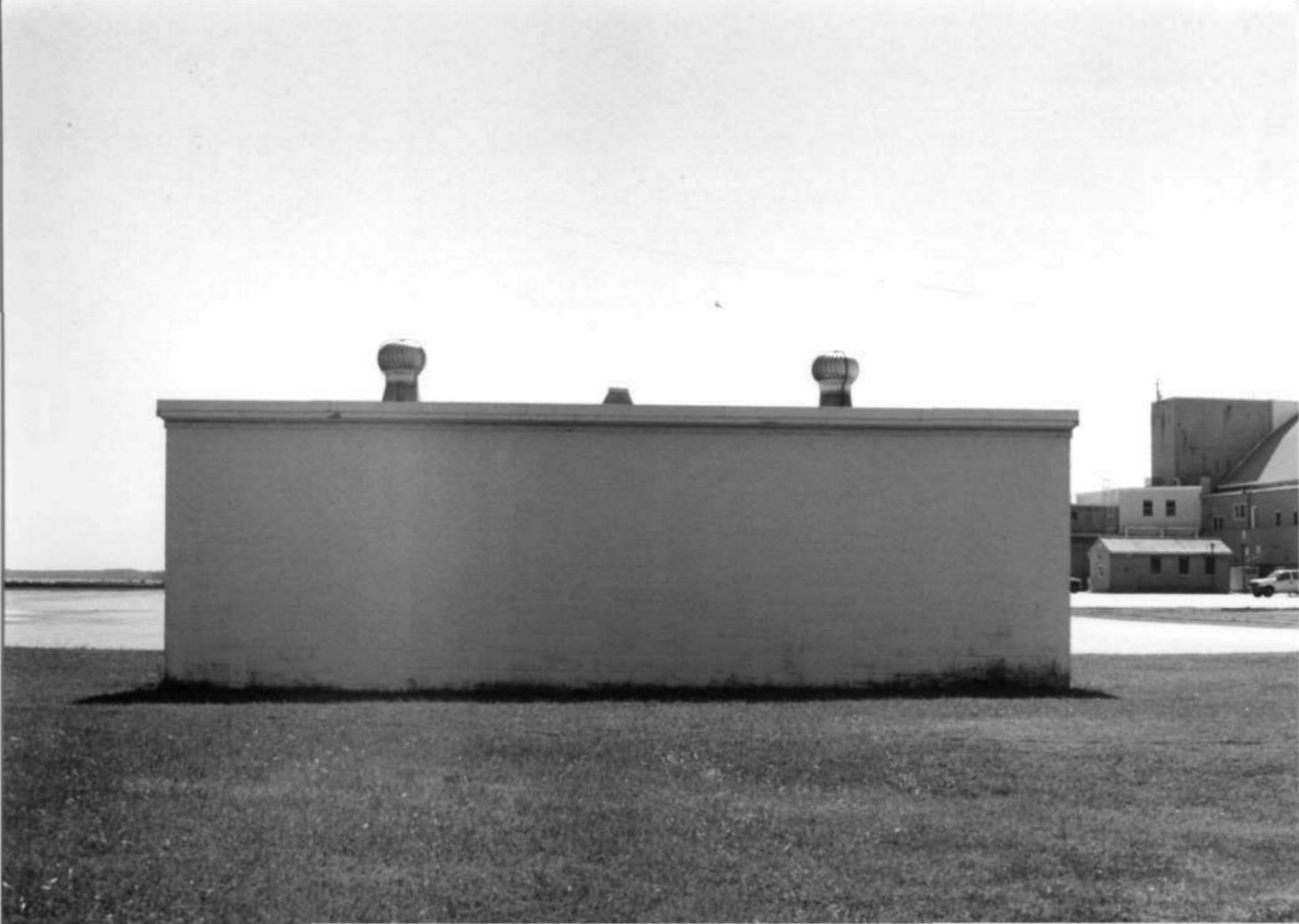
MD SHPO

Resource 254 - camera looking west

#2 of 5 (5x7)

< 22-85 NNN-941

586174



SM-900

Resource 254 - RDT&E Storage Lab

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 254 - camera looking north

#3 of 5 (5x7)

941 - 22 08 NNN - 166 >

5861/5



SM-900
Resource 254 - RDT & E Storage Lab
Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, MD

Daria Gasparini

5 October 2004

MD SHPO

Resource 254 interior - camera looking northwest
#4 of 5 (5x7)

< 22-02 NNN-941

5861/1



SM-900

Resource 254 - RDT & E Storage Lab

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 254 - camera looking east

#5 of 3 (5x7)

< 22-06 NNN-- 941

5861/5

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1097: RDT&E Storage Lab

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park

Zip Code: 20670

County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____

Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965

Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece

Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900

Eligible: yes

Listed: yes

Description of Property and Justification: *(Please attach map and photo)*

The RDT&E Storage Lab (Building 1097) at NAS Patuxent River is located west of the Chesapeake Basin, south of Building 202. It is a plywood lean-to shed used for maintenance storage, and was built in 1962. It rests on a concrete foundation, and is supported on the south façade by a concrete baffle wall approximately 10' tall. On the west façade are double wood-panel doors; on the south façade is a 4' by 6' fixed-pane horizontal window centered on the wall; on the east façade is a 1' 6" by 3' fixed-pane vertical window. Next to this window an air-conditioning unit has been installed into the wall of the structure. The shed roof is clad in composition shingles.

Because Building 1097 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965 and has not retained its integrity, it is not recommended eligible for the NRHP and is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900).

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended

Eligibility not recommended

MHT Comments:

Jonathan Sags
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



SM-900

Resource 1097 - RDT iE Storage Lab

Armament / Electronics / Weapons Test Historic District

St. Mary's County, MD

Daria Gasparini

5 October 2004

MD SHPO

Resource 1097 - camera facing west

1 of 3



SM-900

Resource 1097 - RDT + E Storage Lab

Armament / Electronics / Weapons Test Historic District

St. Mary's County, MD

Daria Gasparini

5 October 2004

MD SHPD

Resource 1097 - camera facing south

2 of 3



SM-900

Resource 1097- RDT&E Storage Lab

Armament / Electronics / Weapons Test Historic District
St. Mary's County, MD

Daria Gasparini

5 October 2004

MD SHPO

Resource 1097- camera factory east

3 of 3

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1099: ASF: Astrodome Power Unit Shelter

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park

Zip Code: 20670

County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____

Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965

Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece

Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900

Eligible: yes

Listed: yes

Description of Property and Justification: *(Please attach map and photo)*

Building 1099 is an astrodome power unit shelter aboard NAS Patuxent River, located at the end of Hickles Road, south of the Chesapeake Bay Basin. Built in 1959, the shelter is adjacent to Building 197, Theodolite Tower Pylon and houses the theodolite's power unit. Measuring approximately 4' long on its east-west axis, 10' long on its north-south axis, and 5' high, the building is a shed-roofed plywood structure. The north façade contains two double-width access doors. On each of the east and west facades is a slotted vent.

Because Building 1099 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, D, or Criterion Consideration G.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input type="checkbox"/>	Eligibility not recommended <input checked="" type="checkbox"/>
MHT Comments:	
<u><i>Jonathan A. Ayers</i></u> Reviewer, Office of Preservation Services	<u><i>6/22/05</i></u> Date
<u><i>n/g</i></u> Reviewer, National Register Program	_____ Date



SM-900

Resource 1099 - AstroDome Power Unit Shelter

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreed

13 October 2004

MD SHPO

Resource 1099 - camera facing south

#1 of 2

November 04 12:11:31 PM

5853/22



SM - 900

Resource 1099 - Astrodome Power Unit Shelter

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1099 - camera facing southwest

2 of 2

November 04 12:23:31 211 1 N

2005/23

MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM

NR Eligible: yes ___
no ___

Property Name: Building 1174: West Patuxent Basin Inventory Number: Contrib.Res.
Address: Naval Air Station Patuxent River Historic district: ___ yes X no
City: Lexington Park Zip Code: 20670 County: Saint Marys
USGS Quadrangle(s): Solomons Island
Property Owner: United States of America, Dept. of the Navy Tax Account ID Number: _____
Tax Map Parcel Number(s): _____ Tax Map Number: _____
Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy
Agency Prepared By: LGGROUP, Inc.
Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Documentation is presented in: S. N. DeFreece and D. A. Gasparini. 2004. Historic and Architectural Buildings of the Early Cold War Period: 1950-1965, Naval Air Station Patuxent River, Maryland. LGGROUP Miscellaneous Reports No. 8.

Preparer's Eligibility Recommendation: ___ Eligibility recommended X Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: X yes Listed: ___ yes

Site visit by MHT Staff ___ yes X no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

The West Patuxent Basin (Building 1174) aboard NAS Patuxent River is a manmade aircraft docking facility and boat harbor built ca. 1943. It is located in the northwest corner of NAS Patuxent River, opening on the north into the Patuxent River. The basin is a roughly rectangular concrete basin that is about 1,750 feet wide by 1,820 feet long. The opening on the north side is 500 feet wide by 350 feet long. The east wall of the basin is comprised of steel and concrete bulkheads; the south wall, north wall, and entrance are comprised of concrete bulkheads; and the east boundary of the basin is natural grade. In the southeast corner of the basin is a concrete sea plane ramp measuring 100 feet wide by 250 feet long. Along the south wall is another concrete seaplane basin measuring 100' wide and 300' long. When constructed, the soil within the lower west portion of the basin was excavated to 15 feet below mean sea level. The basin is surrounded by Ferry Landing Road on the south, Delilio Road on the east, and Baunof Road on the west.

The West Patuxent Basin is one of three manmade harbors constructed at NAS Patuxent River during World War II. The basin and its associated facilities, including Seaplane Hangar 301, is a contributing resource to NAS Patuxent River, playing a contributing role in the mission of the Naval Air Transport Service during the Cold War and after as the location of an East Coast

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended X Eligibility not recommended ___

Criteria: XA B XC D Considerations: ___A ___B ___C ___D ___E ___F ___G

MHT Comments:

contributes to SM-900
Andrew Lewis
Reviewer, Office of Preservation Services

6/27/05
Date

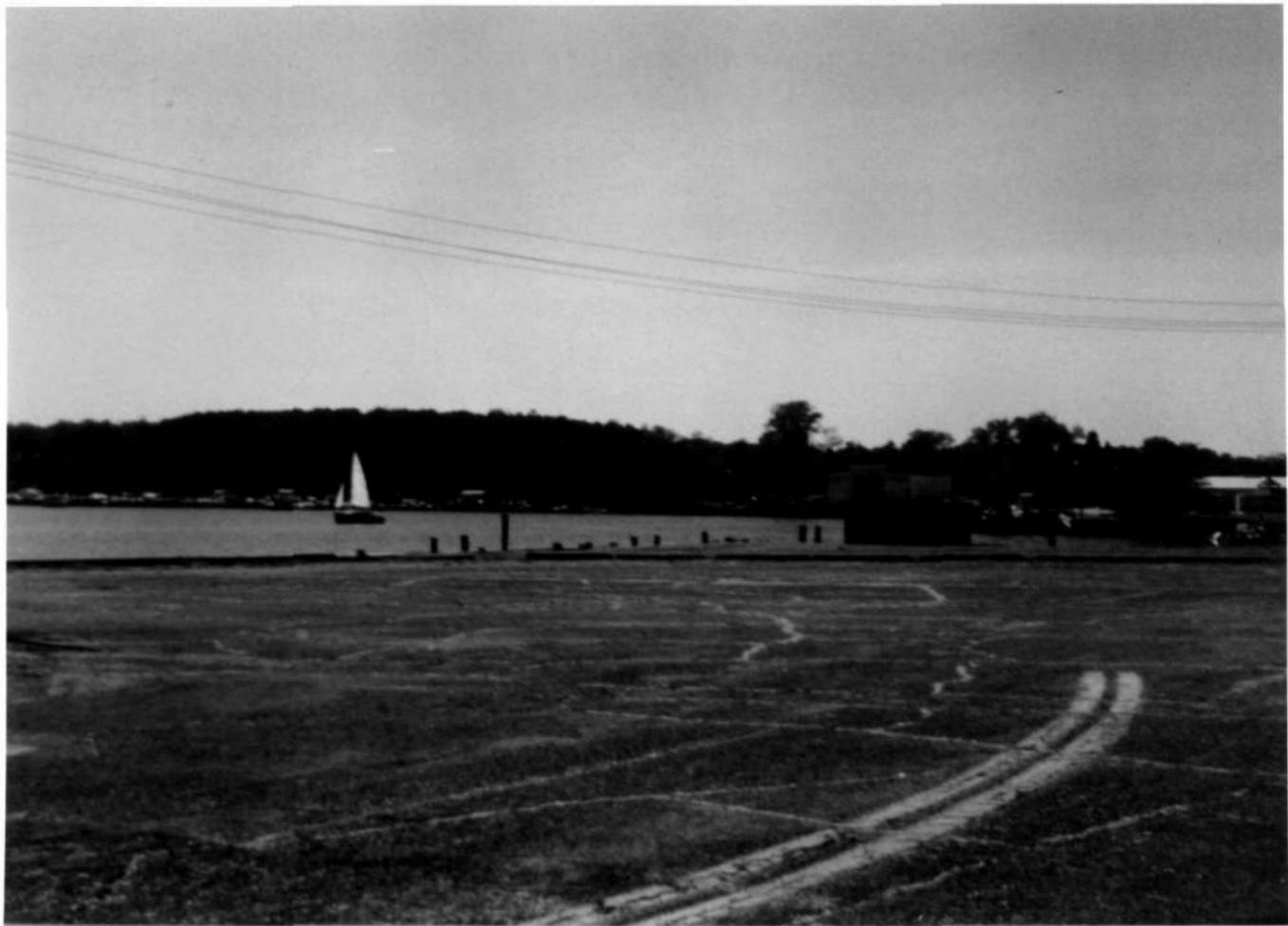
[Signature]
Reviewer, National Register Program

6/21/05
Date

SM-900

terminal for Navy air transport and air logistical services. This role as air terminal was an important element of the original design of NAS Patuxent River, which was the headquarters for air logistics formations for the period 1949-1957. Air logistics remained at NAS Patuxent River until 1968. The West Patuxent Basin retains its historic purpose, as well as its architectural integrity, although the military's focus has changed since its construction during the arms buildup of the Cold War. While it does not individually meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, or D, it is a contributing resource to NAS Patuxent River, SM-357.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended _____	Eligibility not recommended _____
Criteria: ___A ___B ___C ___D	Considerations: ___A ___B ___C ___D ___E ___F ___G
MHT Comments:	
_____ Reviewer, Office of Preservation Services	_____ Date
_____ Reviewer, National Register Program	_____ Date



SM-900

Resource 1174 - West Patuxent Basin

Armament / Electronics / Weapons Test Historic District

St. Mary's County, MD

Sherry DeFrece

8 October 2004

MD SHPD

Resource 1174 camera facing north

1 of 2 (5x7)

DECEMBER 14 11 27 2004

Archival



SM-900

Resource 1174 - West Patuxent Basin

Armament / Electronics / Weapons Test Historic District

St. Mary's County, MD

Sherry DeFrees

8 October 2004

MD SHPO

Resource 1174 - camera facing northwest

2 of 2 (5x7)

DEC 01 11 41 2004

Archival

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1319: Elec. Comm. Facility Radar/Radome

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park

Zip Code: 20670

County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____

Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965

Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece

Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900

Eligible: yes

Listed: yes

Description of Property and Justification: *(Please attach map and photo)*

Building 1319 is a radar/radome aboard NAS Patuxent River. It currently serves as a weather balloon storage facility. It is located southwest of Resource 2118 on Cedar Point. Built in 1964, the modified globe-shaped structure rests on a concrete pad and is constructed of standing seam fiberglass panels. One hinged steel door on the west gives entry, and one porthole window on the east provides light. It contains four vents spaced equally apart from one another, located near the ground.

Because Building 1319 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965 and is no longer serving its original function, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, D, or Criterion Consideration G.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended

Eligibility not recommended

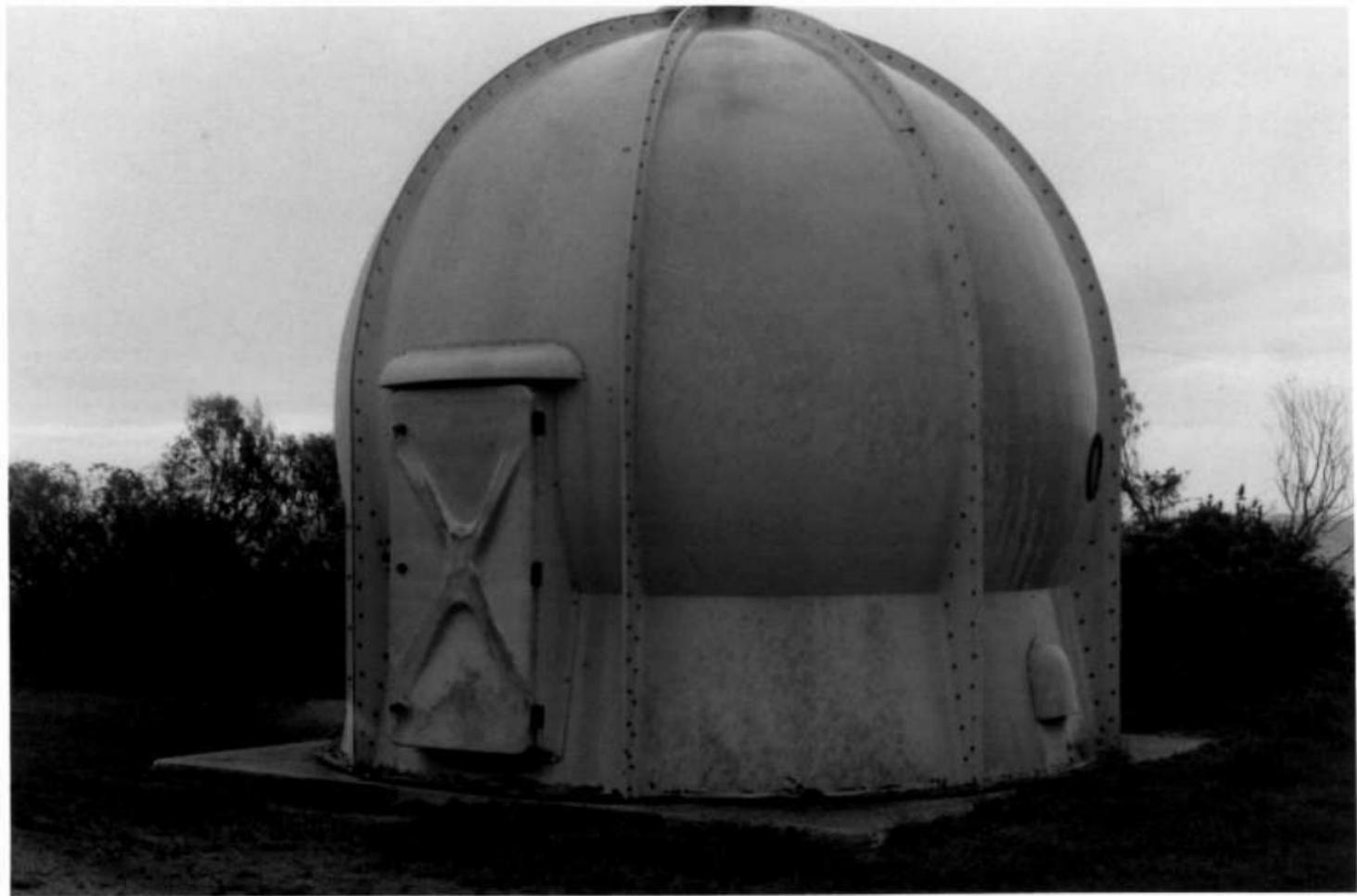
MHT Comments:

Jonathan Beyer
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



SM-900

Resource 1319 - Electrical Communications Facility -
Radar Radome

Armament / Electronics Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

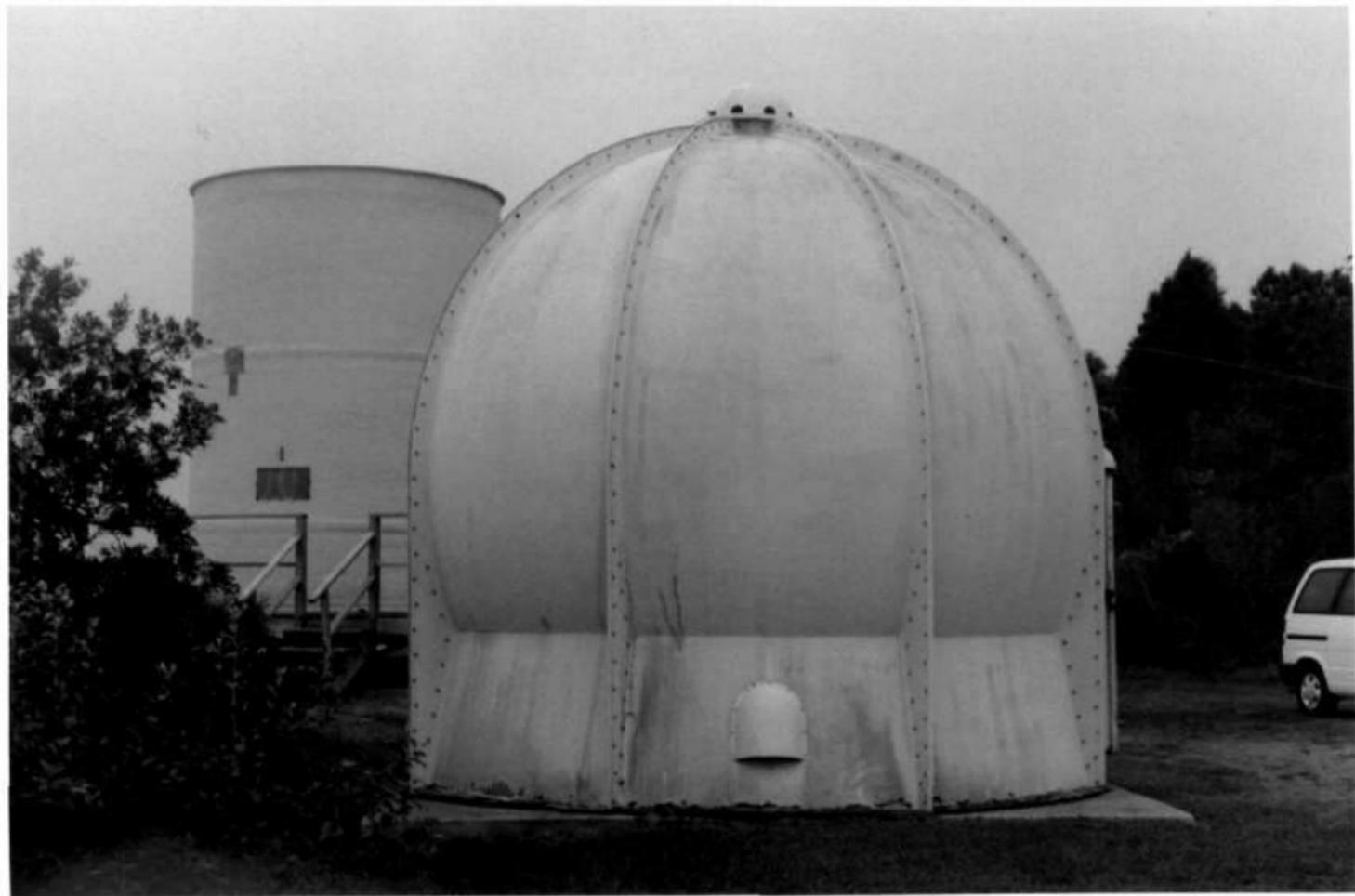
MD SHPO

Resource 1319 - camera facing northeast

#1 of 2

November 04 10:29:31 1211 1

5802/2



SM-900

Resource 1319 - Electrical Communications Facility -
Radar Radome

Armament Electronics Weapons Test Historic District
St. Marys County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1319 - camera looking southeast
2 of 2

November 04 10:33 AM 1211

585313

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1341: RDT&E Storage Lab

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park

Zip Code: 20670

County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____

Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965

Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece

Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900

Eligible: yes

Listed: _____ yes

Description of Property and Justification: *(Please attach map and photo)*

Building 1341 is an RDT&E Storage Lab aboard NAS Patuxent River located on Cedar Point. Built in 1965, the structure is a one-story rectangular plan wood-framed building. Building 1341 measures approximately 20' long on its east-west axis and 15' long on its north-south axis. It has a low-pitched front-gabled roof of asphalt shingles. It is clad in transite paneling, original to the structure. The only entry is through a tracked sliding wood paneled garage door on the south façade. The other facades are not fenestrated. The building is in good condition and appears to retain its original architectural elements.

Because Building 1341 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, D, or Criterion Consideration G.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____

Eligibility not recommended

MHT Comments:

Jonathan Baye
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



SM-900

Resource 1341 - RDT & E Storage Lab

Armament / Electronics / Weapons Test Historic District
St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

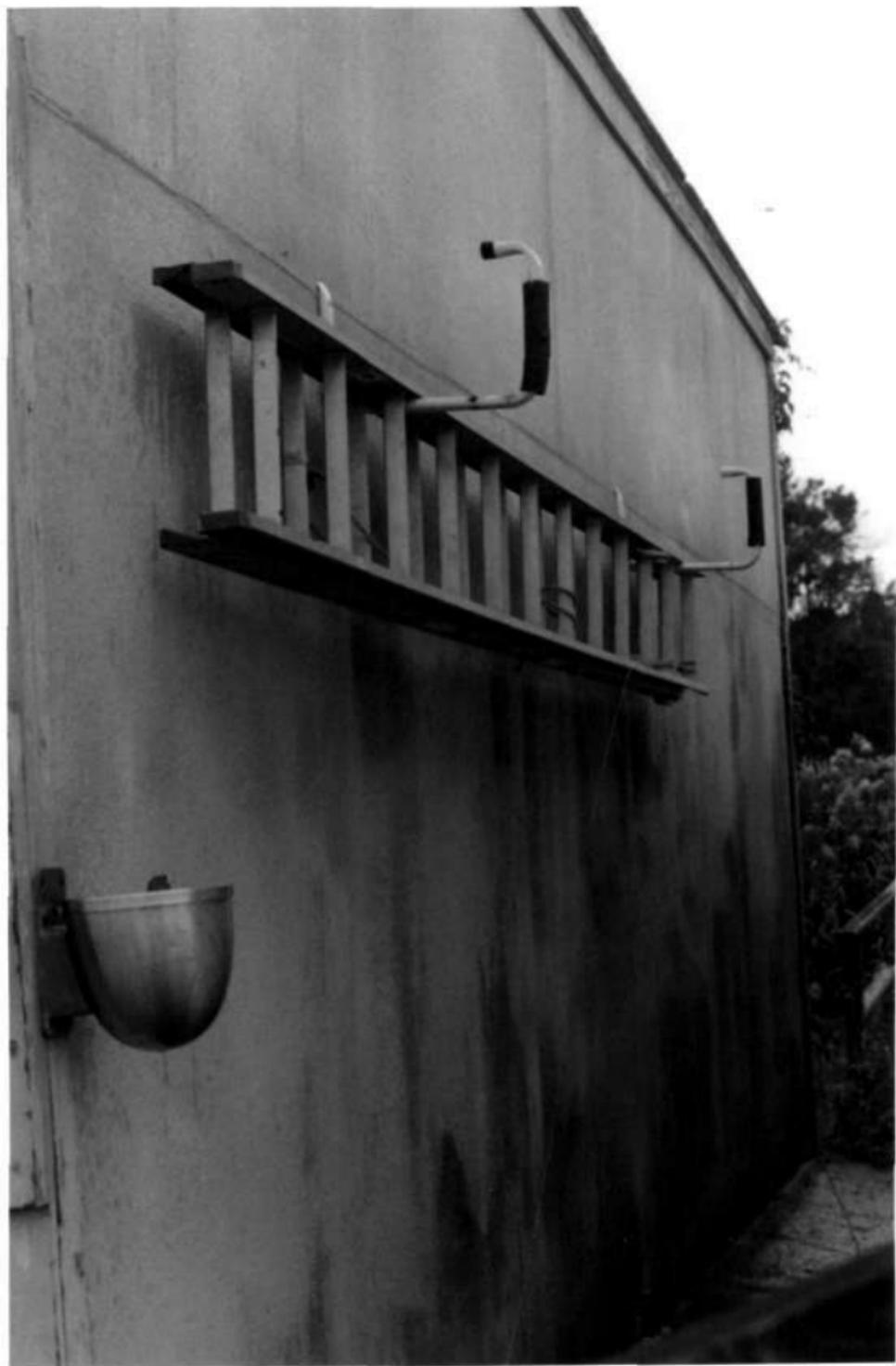
MD SAPO

Resource 1341 - camera looking northwest

#1 of 3

November 04 10 06 13 AM 1211 IN

5/25/04



SM - 900

Resource 1341 - RDT & E Storage Lab

Armament/Electronics/Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1341 - northeast facade - camera looking southwest

2 of 3

November 04 10 59 13 1

5853/8



SM-900

Resource 1341-RDT & E Storage Lab

Armament/Electronics/Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1341 - northeast facade - camera looking northeast

3 of 3

November 04 11:01:31 AM '04

535/10

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1344: Equipment Holding Shed

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: yes

Description of Property and Justification: *(Please attach map and photo)*

Building 1344 is an equipment holding shed aboard NAS Patuxent River. It is located off of Bronson Road, just south of Payne Road. Built in 1965, it is a one-story, steel truss framed, corrugated metal storage shed with a corrugated metal gable roof. It measures 15' long on its northeast-southwest axis and 12' long on its northwest-southeast axis. Double steel doors open to the northwest façade. The northeast façade contains a fan vent.

Because Building 1344 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, D, or Criterion Consideration G.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended Eligibility not recommended

MHT Comments:

Jonathan Sager
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date

MARYLAND HISTORICAL TRUST
~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1362: Storage Building/Optics Lab

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park

Zip Code: 20670

County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____

Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965

Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece

Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: X Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900

Eligible: X yes

Listed: _____ yes

Description of Property and Justification: *(Please attach map and photo)*

Building 1362 is a storage building aboard NAS Patuxent River, located on Cedar Point. Built in 1965, the structure is a one-story rectangular plan wood-framed building. Building 1362 measures approximately 20' long on its east-west axis and 15' long on its north-south axis. It has a low-pitched front-gabled roof of asphalt shingles. It was originally clad in transite paneling, but this has been covered with vinyl siding. The entry is on the east façade through a double wood paneled door. The east façade also contains a 1/1 vinyl framed sash window. The other facades are not fenestrated. The building is in good condition but has lost its original architectural elements. It now functions as an optics lab.

Because Building 1362 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965 it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, D, or Criterion Consideration G.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____

Eligibility not recommended X

MHT Comments:

Jonathan Eager
Reviewer, Office of Preservation Services

6/22/05
Date

n/g
Reviewer, National Register Program

Date



SM-900

Resource 1362 - Optics Lab

Armament / Electronics / Weapons Test Historic District

St. Marys County, Maryland

Sherry DeFreece

13 October 2003

MD SHPO

Resource 1362 - camera looking northwest

1 of 3

November 04 05 13 12 21 1 N



SM-900

Resource 1362 - Optics Laboratory Lab

Armament / Electronics / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1362 - southwest facade - camera looking northeast

2 of 3

November 04 10 7 13 1 12 1 1 N

5853/7



SM-900

Resource 1362 - Optics Lab

Armament / Electronics / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1362 - Southwest facade - camera facing southwest

3 of 3

November 04 10 13 12 11 1 1 1

58531 9

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes
no

SM-900

Property Name: Building 1388: Magazine Inventory Number: Contrib-Res.
 Address: Naval Air Station Patuxent River Historic district: yes no
 City: Lexington Park Zip Code: 20670 County: Saint Marys
 USGS Quadrangle(s): Solomons Island
 Property Owner: United States of America, Dept. of the Navy Tax Account ID Number: _____
 Tax Map Parcel Number(s): _____ Tax Map Number: _____
 Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy
 Agency Prepared By: LGGROUP, Inc.
 Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

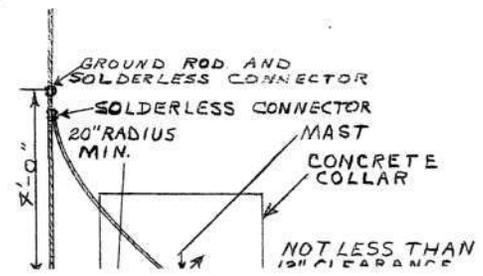
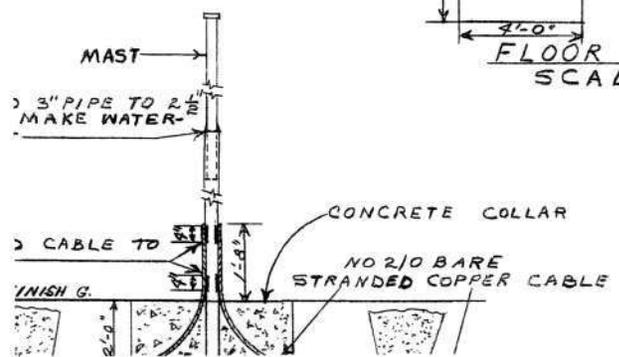
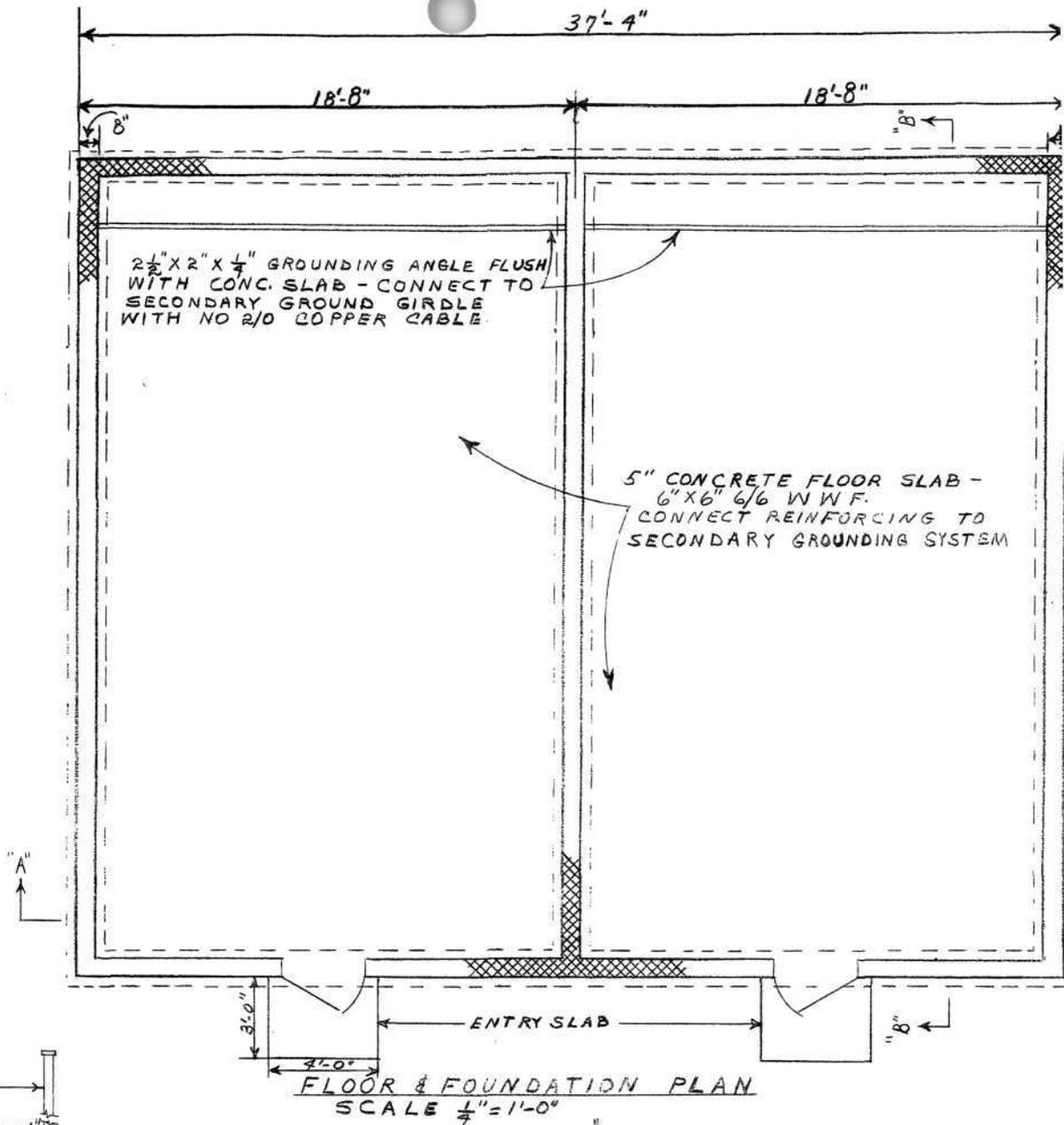
Documentation is presented in: S. N. DeFreece and D. A. Gasparini. 2004. Historic and Architectural Resources of the Early Cold War Period: 1950-1965, Naval Air Station Patuxent River, Maryland. LGGROUP Miscellaneous Reports No. 8.

Preparer's Eligibility Recommendation: Eligibility recommended Eligibility not recommended
 Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:
 Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.
 Inventory Number: SM-900 Eligible: yes Listed: yes
 Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*
 The magazine called Building 1388 aboard NAS Patuxent River was built ca. 1961. This facility is located west of the Chesapeake Bay Basin near Resource 1097.
 Building 1388 is a concrete block structure approximately 10' high, 35' long and 15' wide. It features a flat concrete gable roof with exposed roof tees. The south façade contains two steel doors, each approximately 6' 6" from either end of the building. The only fenestration occurs on the south façade at two vents, covered with steel grills, measuring approximately 1' 6" by 1' 6" located near the lower portion of the building between the two steel doors.
 As a resource less than 50 years of age, Building 1388 does not meet the level of exceptional significance (Criterion Consideration G) to be individually eligible for the NRHP; however, it holds enough significance as an example of a distinctive type of architecture and engineering design (Criterion C) to be a contributing resource to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900).

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input checked="" type="checkbox"/>	Eligibility not recommended <input type="checkbox"/>
Criteria: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G
MHT Comments: <i>contributes to SM-900</i>	
<i>Andrew Lewis</i> _____ Reviewer, Office of Preservation Services	<i>6/22/05</i> _____ Date
<i>[Signature]</i> _____ Reviewer, National Register Program	<i>6/21/05</i> _____ Date



SM-9070

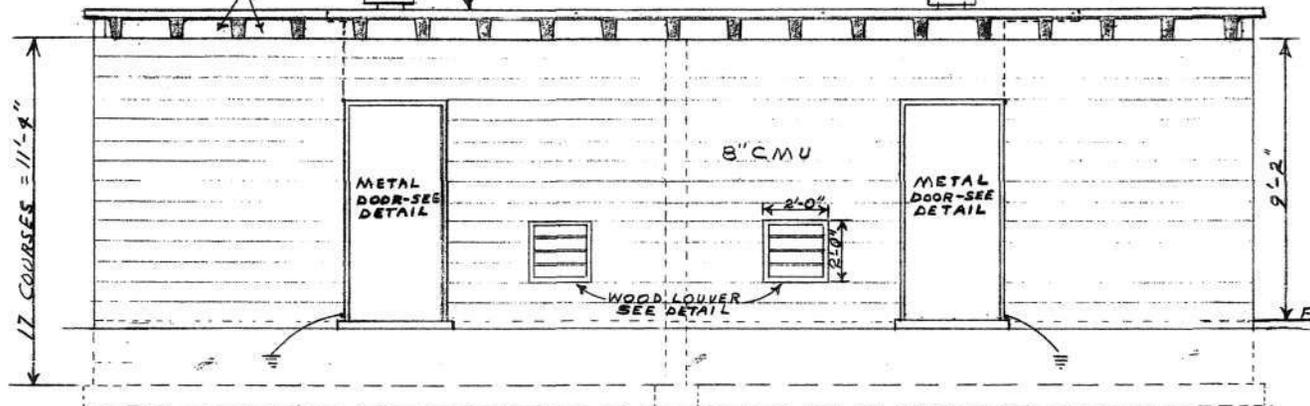
ALE - $\frac{3}{8}$ " = 1'-0"

SCALE - $\frac{1}{8}$ " = 1'-0"

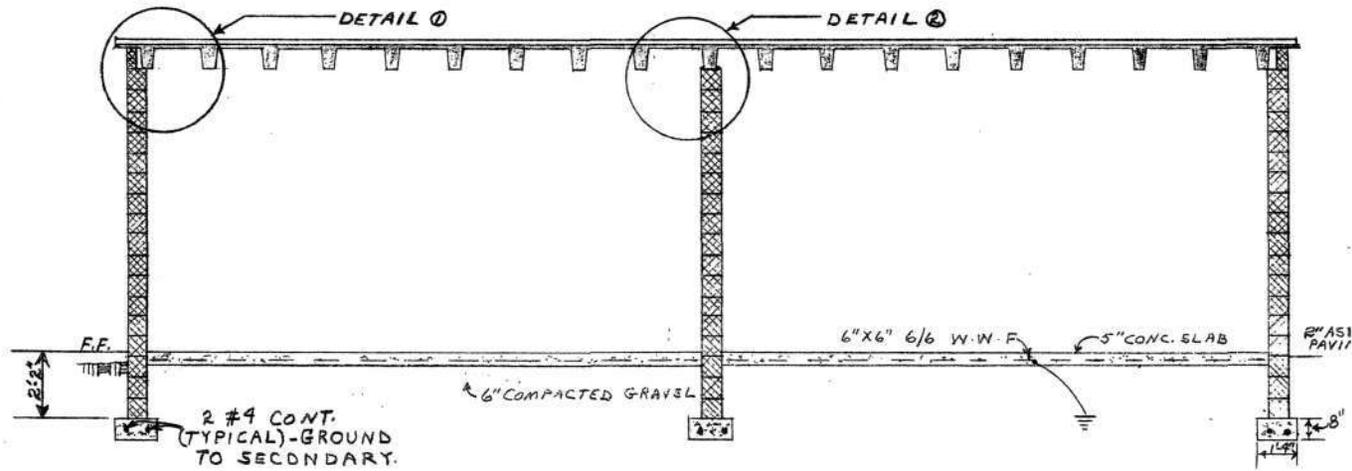
DNRY FILLER BLOCKS

8" PRESTRESSED CONCRETE TEES

10" GRAVITY FAN (2. REQ.)



WEST ELEVATION
SCALE - $\frac{1}{4}$ " = 1'-0"



SECTION "AA"
SCALE - $\frac{1}{4}$ " = 1'-0"

REQUIREMENTS AND SPECIFICATIONS

PRESTRESSED CONCRETE ROOF MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 503 AND SPECIFICATIONS OF THE PRESTRESSED CONCRETE INSTITUTE. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f_c) OF 5000 PSI WHEN THE SERVICE LOAD IS APPLIED. REINFORCEMENT SHALL BE CAST IN STEEL FORMS, TOP SURFACE FLOAT FINISHED. PRECAST CONCRETE SHALL COMPLY WITH ASTM A416. REINFORCEMENT, ANCHORAGE AND CONNECTIONS SHALL BE PROVIDED BY THE MANUFACTURER AND SHALL BE DESIGNED FOR THE LOADS SPECIFIED IN SECTION 503. BOLTS AND GROUNDING WIRES SHALL BE PROVIDED BY THE MANUFACTURER.

SM-900

1388

NO SMOKING
WITHIN
100 FEET

No form of
cigarette or pipe
is to be used
within
Station Building
NO SMOKING

HAZARDOUS
MATERIALS

HAZARDOUS
MATERIALS

PARKING
SPACE

SM-900

Resource 1388 - Magazine

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, MD

Daria Gasparini

5 October 2004

MD 5400

Resource 1388 - camera facing west

#1063 (577)

< 22-05 NNN-- 941

5861/16

NO SMOKING
WITHIN
100 FEET

SM-900

Resource 1388 - Magazine

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 1388 - camera facing south

#2 of 3 (5x7)

146 - NNN 00 - 22 < >

5861/19



NO SMOKING
WITHIN
100 FEET

SM-900

Resource 1388 - Magazine

Armament Test / Electronics Test / Weapons Test Historic District

St. Mary's County, Maryland

Darla Gasparini

5 October 2004

MD SAPO

Resource 1388 - Camera facing east

#3 of 3 (5x7)

941 - 07 NN - 22 >

5861/18

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes no

SM-900

Property Name: Buildings 1465 and 1989: Rocket Test Facility Inventory Number: ~~Contrib. Res.~~

Address: Naval Air Station Patuxent River Historic district: yes no

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Property Owner: United States of America, Dept. of the Navy Tax Account ID Number: _____

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Documentation is presented in: S. N. DeFreece and D. A. Gasparini. 2004. Historic and Architectural Resources of the Early Cold War Period: 1950-1965, Naval Air Station Patuxent River, Maryland. LGGROUP Miscellaneous Reports No. 8.

Preparer's Eligibility Recommendation: Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: yes

Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

The Rocket Test Facility (Building 1465) aboard NAS Patuxent River is located at the end of Hickles Road near Resource 1101, facing the Chesapeake Bay. It is unclear when the facility was built, but the style of the building and construction techniques are consistent with other buildings at NAS PAX built during the early 1950s. The building is a concrete block structure approximately 15' long north to south and 13' wide east to west. The entrance is on the east façade, which features a steel door, and two symmetrical, horizontal fixed-pane steel windows, about 1' 6" high by 2' wide. An air-conditioning unit has been installed above the south window by cutting through the wall. On both the north and south facades, a single window of the same dimensions and type as on the east façade is the only fenestration. On the west façade, three windows of the same dimensions and type are located on the centerline of the building, and to the north and south. The building has a low-pitched gable roof surrounded by a metal band. On the roof is a small viewing tower, which looks out from all sides of the structure. The facility appears to be abandoned, and has been subject to some weathering around the steel windows, though this has not caused any major damage to the structure.

Building 1989 is a blast deflector/baffle wall adjacent to Resource 1465. The blast wall is of an unknown date, but likely dates to the early 1950s, and is likely associated with Building 1465. The wall is 38' long on its east-west axis, it is 10' 2" tall on the west

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input checked="" type="checkbox"/>	Eligibility not recommended <input type="checkbox"/>
Criteria: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G
MHT Comments: <i>contributes to SM-900</i>	
<i>Andrew Leeb</i> _____ Reviewer, Office of Preservation Services	<i>6/22/05</i> _____ Date
<i>Bluntz</i> _____ Reviewer, National Register Program	<i>6/21/05</i> _____ Date

Contrib.Res.

Buildings 1465 and 1989: Rocket Test Facility

Page 2

end, and 15' tall on the east end; it is 1' deep, and constructed of concrete. Along the wall at a height of approximately 5'6" is a viewing area, consisting of three horizontal single-pane metal-frame windows that extend through the thickness of the wall. The blast wall features a red light on top.

While the precise function of Buildings 1465 and 1989 within the Armament Test/Electronics Test/Weapons Test Historic District (SM-900) is not known, they likely functioned as an integral part of the Armament and Weapons Test, and specifically Rocket Test, facilities at NAS Patuxent River during the Cold War, during which time the structures were built. While they may not individually meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, or D, Buildings 1465 and 1989 maintain their architectural and engineering integrity, and are contributing resources in this historic district.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended _____	Eligibility not recommended _____
Criteria: ___ A ___ B ___ C ___ D	Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G
MHT Comments:	
_____	_____
Reviewer, Office of Preservation Services	Date
_____	_____
Reviewer, National Register Program	Date



SM-9007

Resource 1465 - Rocket Test Facility
Armament/Electronics/Weapons Test Historic District

St. Marys County, Maryland

Daria Gasparini

5 October 2004

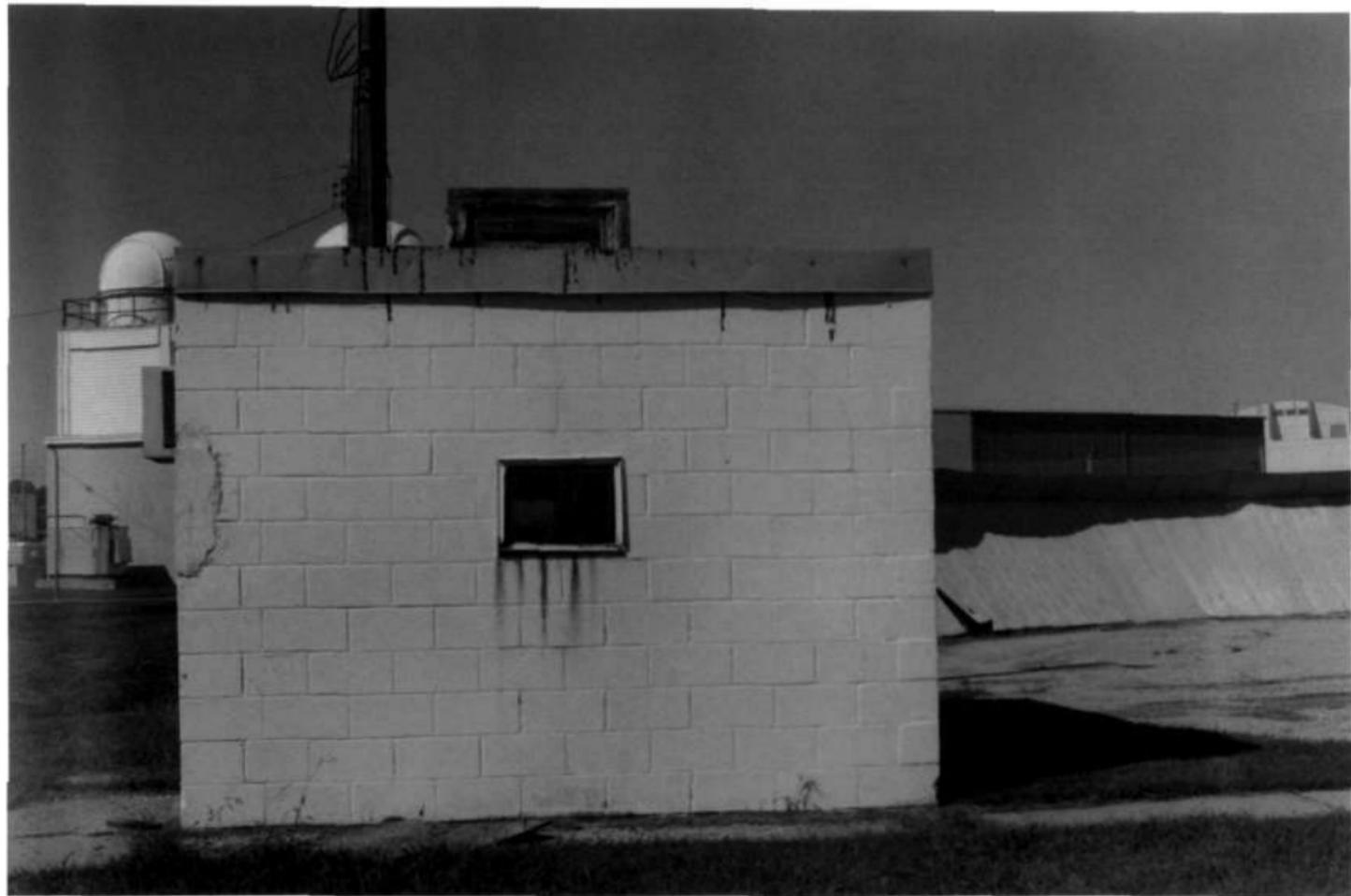
MD SHPO

Resource 1465 - camera facing east

#1 of 4

November 9 10 11 073 1 11 1 11

5886/1



SM-900
Resource 1465 - Rocket Test Facility
Aircraft/Electronics/Weapons Test Historic District
St. Mary's County, Maryland

Daria Gasparini
5 October 2004

MD SHPO

Resource 1465 - camera facing south
#2 of 4

November 04 10 20 07 3 1 2 1 1 N

558612





1465

Sm - 9001

Resource 1465 - Rocket Test Facility

Armed Forces / Electronics / Weapons Test Historic District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 1465 - camera facing north

4 of 4

November 04 10 43 073 111 1-2

5886/4



SM-900

Resource 1989 - Blast Deflector Fence

Armament Test / Electronics Test / Weapons Test Historic
District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 1989 - camera facing south

#1 of 2

November 6412301 1211

5861/24



SM-900

Resource 1989 - Blast Deflector Fence

Armament Test / Electronics Test / Weapons Test

Historic District

St. Mary's County, Maryland

Daria Gasparini

5 October 2004

MD SHPO

Resource 1989 - camera facing north

#2 of 2

November 04 12:33 1211

5861/25

MARYLAND HISTORICAL TRUST

~~SHORT FORM FOR INELIGIBLE PROPERTIES~~

Property Name: Building 1880: Helium Silo

File with District SM-900

Address: Naval Air Station Patuxent River

City: Lexington Park Zip Code: 20670 County: Saint Marys

USGS Quadrangle(s): Solomons Island

Tax Map Parcel Number(s): _____ Tax Map Number: _____

Project: Section 110 Compliance: Structures Built 1950-1965 Agency: United States of America, Dept. of the Navy

Agency Prepared By: LGGROUP, Inc.

Preparer's Name: Sherry DeFreece Date Prepared: 12/28/2004

Preparer's Eligibility Recommendation: Eligibility not recommended

Complete if the property is a non-contributing resource to a NR district/property:

Name of the District/Property: Armament/Electronics/Weapons Test Historic Dist.

Inventory Number: SM-900 Eligible: yes Listed: _____ yes

Description of Property and Justification: *(Please attach map and photo)*

A Helium Silo (Building 1880) aboard NAS Patuxent River is located on Cedar Point, just off of Cedar Point Road near Building 1319. It is a cylindrical metal structure that is about 15' tall, with a flat roof. It is surrounded by a wooden deck, and to the south, a metal shed structure is attached to it. The facility houses helium used in weather balloon testing at SM-900. The precise date of construction of Building 1880 is unknown, but likely dates to the same year as Building 1319, built in 1964.

Because Building 1880 did not play an integral role in the functions of NAS Patuxent River during the early Cold War period 1950-1965 and is infrastructural in nature, it is not considered a contributing element to the Armament Test/Electronics Test/Weapons Test Historic District (SM-900). Further, this resource does not meet the eligibility requirements for nomination to the NRHP under Criteria A, B, C, D, or Criterion Consideration G.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended

MHT Comments:

Jonathan Bays
Reviewer, Office of Preservation Services

6/22/05
Date

n/a
Reviewer, National Register Program

Date



SM-9001

Resource 1880 - Helium Silo

Armaments / Electronics / Weapons Test Historic District

St. Marys County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1880 - camera facing east

#1062

November 04 10 11 31

585 2/1



SM-900

Resource 1880 - Helium silo

Armament / Electronics / Weapons Test Historic District

St. Mary's County, Maryland

Sherry DeFreece

13 October 2004

MD SHPO

Resource 1880 - camera looking north

2 of 2

November 04 10 41 31 AM '04

1880-14

**MARYLAND HISTORICAL TRUST
NR-ELIGIBILITY REVIEW FORM**

NR Eligible: yes
no

SM-900

~~SM-357~~

Property Name: Heating Plant for Hangar 201 (201a) Inventory Number: SM-417-C201a

Address: 21962 Nickles Road City: Patuxent River Zip Code: 20670

County: St. Mary's USGS Topographic Map: Solomon's Island Quadrant

Owner: U.S. Navy; Naval Air Station Patuxent River (NAS)

Tax Parcel Number: NAS Tax Map Number: N/A Tax Account ID Number: N/A

Project: _____ Agency: _____

Site visit by MHT Staff: X no yes Name: _____ Date: _____

Eligibility recommended Eligibility **not** recommended X

Criteria: A B C D Considerations: A B C D E F G None

Armament Test Division Historic

Is the property located within a historic district? No X Yes Name of district: District

Is district listed? X No Yes Determined eligible? No X Yes District Inventory Number: ~~SM-357~~ SM-900

Documentation on the property/district is presented in: *Naval Air Station Patuxent River, Maryland Historic and Architectural Resources*. National Register of Historic Places Multiple Property Documentation form (draft final) Prepared for NAS by Louis Berger and Associates, Inc., East Orange, New Jersey, 2000.

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*

Building 201a, built in 1943, is located within the boundaries of the Armament Test Division Historic District at Naval Air Station Patuxent River (NAS) in St. Mary's County, Maryland. It currently serves as a heating plant for Hangar 201, a contributing resources of the district. The structure is a two-story, three-bay frame heating plant structure. It has a flat roof with a metal band cornice, covered with built-up asphalt shingle roofing. The exterior is covered in vinyl siding installed circa 1985 to 1990. The windows are metal frame, one over one double hung replacement windows. The entrance to the structure consists of a metal-frame, solid replacement pedestrian door and a metal frame overhead door. This structure is typical of the freestanding heating plant structures built to support the hangars and other large-scale facilities at NAS. It is also associated with facilities that served land vehicles or aircraft, or which stored explosive materials in order to minimize the danger of fire. While Building 201a is associated with the Armament Test Division Historic District, it is the Navy's recommendation that the structure is not eligible for the National Register of Historic Places. The building has been severely altered over time, particularly with the addition of vinyl siding, and replacement windows and doors all of which reduce any remaining integrity of the facility. Currently at NAS, there are also at least two other heating plant facilities eligible for the National Register of Historic Places as contributing elements of another historic district. As a result, the Navy is recommending that Building 201a is not eligible for the National Register of Historic Places.

Prepared by: Dawn M. Frost, NAS Public Works Architectural Historian

Date Prepared: 3 September 2003

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended X Eligibility not recommended

Criteria: X A B X C D Considerations: A B C D E F G None

Comments: Contributes to Armament Test Div HD - condition has not changed since initially evaluated (2000) - conveys its significant associations despite somewhat-compromised integrity.

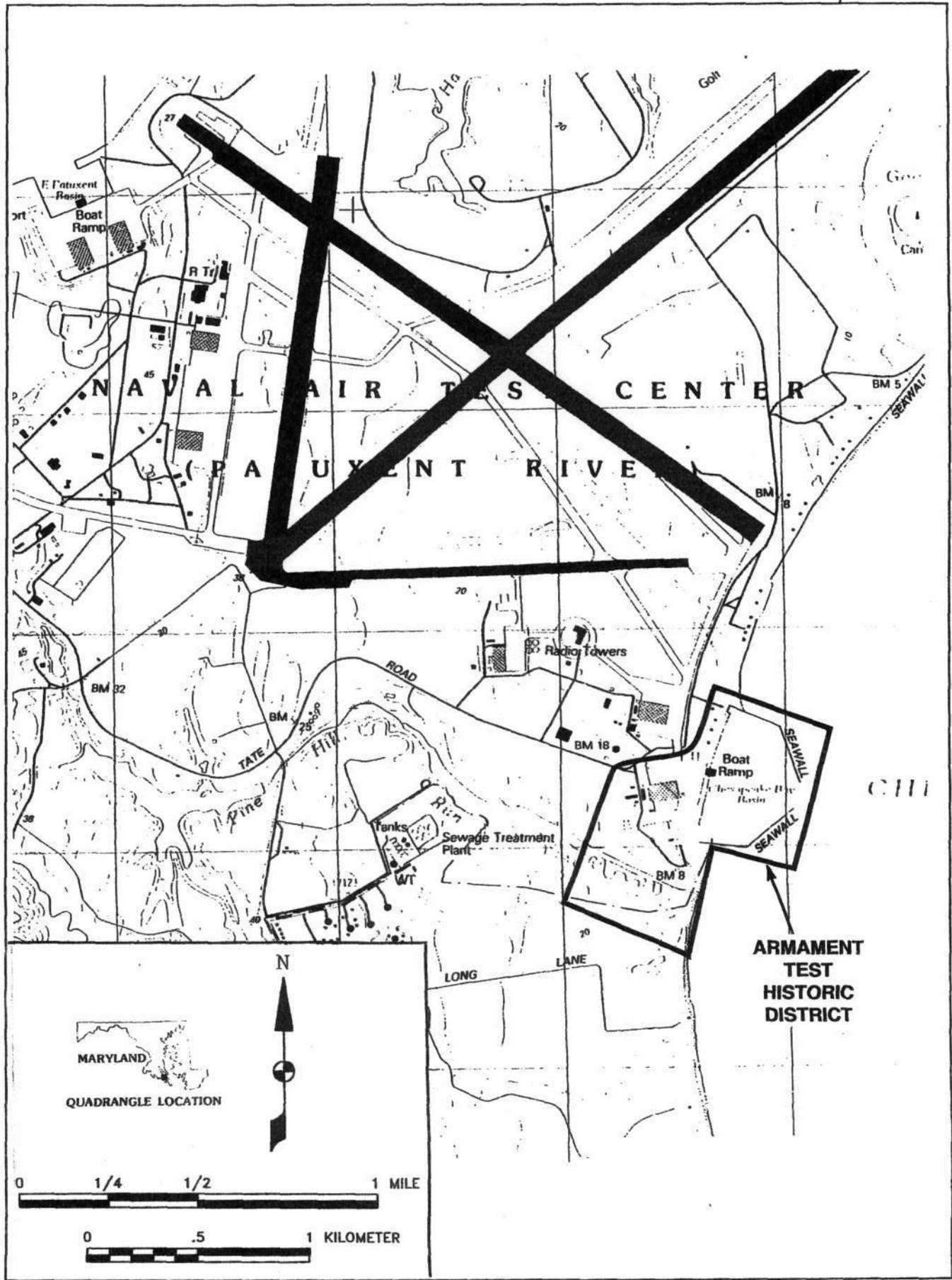
Reviewer, Office of Preservation Services

[Signature]
Reviewer, NR program

12/10/03

12/10/03

SM-900



Location Map for Armament Test Historic District

SOURCE: USGS Quadrangle, Solomons Island, MD 1987

1. Title: Integrated cultural resources management plan for Naval Air Station Patuxent River St. Mary's County, Maryland.
Year: 2002
Author: Patuxent River NAS.
Call Number: ST 199

2. Title: Historic architectural resources Naval Air Station Patuxent River. Historic contexts and evaluation criteria.
Year: 2000
Author: Pendleton, Philip E. et al.
Call Number: ST 193



SM-9001

Building 201a

Naval Air Station Patuxent River

St. Mary's County, Maryland

DAWN M. FROST

OCTOBER, 2003