Permittee:

Department of the Navy
Naval Air Station, Jacksonville
P.O. Box 2
Jacksonville, FL 32212-1002

DRAFT Permit No.: 0310215-024-AC
Facility ID No.: 0310215
SIC No.: 97
Project: Two Painting/Coating Booths

This is a permit for the Department of the Navy, Naval Air Station, Jacksonville, to modify two painting/coating booths. The facility is located at 6500 Roosevelt Blvd., Jacksonville, Duval County, FL.; UTM Coordinates: Zone 17, 434.2 km East and 3343.2 km North; Latitude: 30° 13′ 14″ North and Longitude: 81° 41′ 02″ West.

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC), Rules 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Environmental Resource Management Department, Environmental Quality Division (Department), and made a part hereof, in accordance with the terms of this permit.

Title V Operation Permit Application Due Date: **October 1, 2006**
Expiration Date: **March 31, 2007**

Environmental Resource Management Department
Environmental Quality Division

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Robert Steven Pace, P.E., Manager
Air Quality Branch

RSP/JW/rds

Section I. Facility Information

Subsection A. Facility/Project Description

The facility is a major source of air pollution because the potential emissions of regulated criteria air pollutants are equal to or greater than 100 tons per year and the potential emissions of Hazardous Air Pollutants (HAP) are equal to or greater than 10 tons per year for a single HAP and equal to or greater than 25 tons per year for total HAPs in accordance with Rule 62-210, FAC, and JEPB Rule 2.301.

The facility is major for purposes of Prevention of Significant Deterioration. The modification of the two existing painting/coating booths will not require a Best Available Control Technology Determination because there is not a pollutant increase associated with the modification.

The Naval Air Station, Jacksonville, is a large base occupying about 3400 acres. Over 70 commands are housed at the station. Air pollutant emissions may be categorized as belonging to one of three major organizations which are described below:

1. Naval Air Station (NAS) provides training of aircraft crews and commands, supports fleet and shore based personnel, maintains and operates facilities and provides services and materials to support operation of the aviation activities. Air pollutant emitting activities associated with this organization primarily result from operation and maintenance of military aircraft which are currently organized into three wings. Each wing consists of several squadrons.

   PATWING-11---Patrol airplane squadrons (P3 aircraft), P3 training squadron, reserve squadron

   HSWINGSLANT---Helicopter squadrons

   VSWING---Squadrons of S3 jet aircraft

   These squadrons perform organizational level maintenance on the aircraft. Intermediate level of maintenance is performed at the Aircraft Intermediate Maintenance Department (AIMD)

2. The Public Works Center (PWC) maintains support facilities, such as the boiler plants and other utilities. Air pollution activities are primarily from combustion of fuels in boilers. PWC contracts facility maintenance operations with an outside contractor.

3. The NAVAIR Depot performs in-depth maintenance, repair, and rework of naval aircraft, engines, components, accessories, and ground support equipment. Air pollution activities at the NAVAIR Depot include surface coating of aircraft and aircraft components, de-painting operations, chrome electroplating operation, solvent cleaning operations, abrasive blasting operations, and engine testing. Other miscellaneous operations are also performed.

This construction permit is for the modification of two painting/coating booths located in Building 724, AIMD shop 430 and Hangar 1000, AIMD shop 51A. The modification allows the coating of aircraft components in these booths. The coating operation is subject to the requirements of 40 CFR 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities, and 40 CFR 63, Subpart A, General Provisions, as delineated in Table 1 to Subpart GG. Two stage dry particulate filters will be installed on each painting/coating booth to comply with the control technology requirements of this regulation.

Subsection B. Summary of Emission Unit (EU) ID Nos. and Brief Descriptions

Emission Unit ID No.	Brief Description	Control Device
106	Paint Spray Booth, Building 724, AIMD Shop 430	Two stage dry particulate filters
107	Paint Spray Booth, Hangar 1000, AIMD Shop 51A	Two stage dry particulate filters

Subsection C. Relevant documents

Title V Air Operation Permit 0310215-022-AV
Air construction/modification permit application received April 27, 2005

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific process and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of

backup

or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
   a. Have access to and copy any records that must be kept under conditions of the permit;
   b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

   Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
   a. A description of and cause of noncompliance; and

   b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, FAC, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:
    ( ) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    ( ) Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
    ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

    a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
    c. Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The date(s) analyses were performed;
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.
    [Rule 62-4.160, FAC, and Rule 2.1301, Jacksonville Environmental Protection Board (JEPB)]

Subsection B. Specific Conditions

1. Any revision(s) to a permit (and application) shall be submitted to and approved by the Department prior to implementing
   [Rule 62-4.080(2), FAC, and Rule 2.1301, JEPB]

2. Control equipment shall be provided with a method of access that is safe and readily accessible.
   [Rule 62-297.310(6), FAC, and Rule 2.1101, JEPB]

3. Permittee shall submit an annual operation report to the Department for this (these) emission unit(s) on the
   form(s) supplied for each calendar year on or before March 1.
   [Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]

4. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for a Title V Air Operating Permit revision with compliance records and test results, to the Department one hundred eighty (180) days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid Title V Air Operating Permit to operate.
   [Rule 62-210.300(2), FAC, and Rule 2.301, JEPB]

5. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, the Department must be notified in writing sixty (60) days prior to the expiration of the construction permit. A new schedule and request for an

extension of the construction permit must be submitted.
[Rule 62-4.080(3), FAC, and Rule 2.1301, JEPB]

6. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.

   The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.
   [Rule 62-296.320(2), FAC, and Rule 2.1001, JEPB]

7. The facility shall be subject to City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1. [Final Rules with Respect to Organization, Procedure, and Practice]

8. The facility shall be subject to JEPB Rule 2, Part Nos. I through VII, and Part Nos. IX through XIII.

9. The permittee shall submit all compliance related notifications and reports required by this permit to:

Environmental Resource Management Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202
Telephone: 904/630-4900
Fax: 904/630-3638

Section III. Emission Units and Conditions

Emission Unit No. 106 – Paint Spray Booth, Building 724, AIMD Shop 430

Emission Unit Description: Paint spray booth for the coating of aircraft parts and components

Particulate matter control device: Two stage dry particulate filter

40 CFR 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities, and 40 CFR 63, Subpart A, General Provisions, as delineated in Table 1 to Subpart GG, shall apply to this emission unit.

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 15,800 dscfm.
   [Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously, i.e.: 8760 hours per year.
   [Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

3. The estimated maximum usage of paints and solvents is 500 gallons per year.
   [Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

Primer/Topcoat Application Operations

4. See Appendix PT.

Cleaning Operations

5. See Appendix CO

Emission Unit No. 107 – Paint Spray Booth, Hangar 1000, AIMD Shop 51A

Emission Unit Description: Paint spray booth for the coating of aircraft parts and components

Particulate matter control device: Two stage dry particulate filter

40 CFR 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities, and 40 CFR 63, Subpart A, General Provisions, as delineated in Table 1 to Subpart GG, shall apply to this emission unit.

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 13,662 dscfm.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously, i.e.: 8760 hours per year.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

3. The estimated maximum usage of paints and solvents is 500 gallons per year.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

Primer/Topcoat Application Operations

4. See Appendix PT.

Cleaning Operations

5. See Appendix CO

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to S.120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

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