STATEMENT OF BASIS

DEPARTMENT of the NAVY
NAVAL AIR STATION, JACKSONVILLE
Facility ID No.: 0310215
Duval County

Title V Air Operation Permit Revision
PROPOSED Permit Project No.: 0310215-042-AV
Revision to Title V Air Operation Permit No. 0310215-036-AV

The initial Title V Air Operation Permit No. 0310215-007-AV was effective on July 11, 2000. This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (FS), and Chapters 62-4, 62-210 and 62-213, Florida Administrative Code (FAC). The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Permitting Authority, in accordance with the terms and conditions of this permit.

This permit is for the purpose of revising Title V Air Operation Permit No. 0310215-036-AV by incorporating the applicable terms and conditions identified in Construction Permit No. 0310215-038-AC (an abrasive blast booth, Emission Unit No. 116).

The Naval Air Station (NAS), Jacksonville Complex, is located in Duval County, in the northeastern sector of Florida. This naval base occupies about 3400 acres along the west bank of the St. Johns River. The base is approximately 30 miles inland from the Atlantic Ocean and 13 miles south of downtown Jacksonville. The main gate to the base can be accessed at about 3 miles north of the intersection of U.S. Highway 17 (US 17) and Interstate 295 (I-295) on US 17 (also known as Roosevelt Boulevard). Although the NAS complex consists of over 115 individual commands, for the purpose of this permit air pollutant emissions may be categorized as belonging to one of three major organizations as follows:

Air pollutant emissions may be categorized as belonging to one of three major organizations, which are described below:

1. 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 NAS primarily result from operation and maintenance of military aircraft.

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

3. The Fleet Readiness Center Southeast (FRCSE) is a merger of the former Naval Air Depot, an organization that has been in operation since 1940 performing in-depth (Level 3) maintenance, repair and rework of naval aircraft, and the former Aircraft Intermediate Maintenance Division, which performed intermediate (Level 2) maintenance and repair of naval aircraft and ground support equipment, into one organization. With over 4,000 employees it occupies more than 50 buildings in over 102 acres at the east end of NAS and along the primary runway. FRCSE personnel perform in-depth and intermediate level maintenance, repair, and rework of naval aircraft, engines, components, accessories, and ground support equipment. Most of the air pollutant emitting activities at the NAS Jacksonville complex are located within FRSCE, and consist of activities such as aircraft surface coating and depainting operations, solvent use operations, a chrome electroplating facility, abrasive blasting operations, engine testing, intermediate maintenance of military aircraft, corrosion control, and aircraft engine repair.

Intermediate level maintenance performed by FRSCE consists of several divisions that perform various maintenance activities:

a. The 400 Division performs maintenance on aircraft engines.
b. The 500 Division is responsible for airframes maintenance.
c. The 600 Division performs maintenance on aircraft electronic equipment.
d. The 700 Division performs maintenance on aircraft weapons and ordnance systems.
e. The 800 Division maintains life support equipment on the aircraft.
f. The 900 Division performs maintenance on aircraft ground support equipment.

Based upon the Title V permit application received on September 2, 2010 this facility is a major source of Hazardous Air Pollutants (HAPs).

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

Abrasive Blasting Operations

EU ID No.	Brief Description
015	Abrasive Blasting Booth, Bldg. 101
064	Abrasive Blasting Booth, Bldg. 794
065	Abrasive Blasting Booth, Bldg. 794
066	Abrasive Blasting Booth, Bldg. 794
070	Abrasive Blasting Booth, Bldg. 200
103	Three Abrasive Blasting Booths, Bldg. 794
105	Abrasive Blasting Booth, Hangar 101S
113	Abrasive Blast Booth No. 1, Bldg. 101
114	Abrasive Blast Booth No. 2, Bldg. 101
116	Abrasive Blast Booth, Bldg 1952

Steam Generating Boilers

071	Boiler No. 1, 300 HP Johnston Boiler Co., Bldg. H-2032
072	Boiler No. 2, 300 HP Johnston Boiler Co., Bldg. H-2032
076	Boiler No. 3, 300 HP Johnston Boiler Co., Bldg. H-2032
079	Note: Now listed as an Insignificant EU

087	Steam Plant A, Bldg. 85
088	Steam Plant C, Bldg. 86
089	Steam Plant F, Bldg. 88
090	Steam Plant G
115	Boiler No. F-1, Bldg. H2032

Chrome Plating Operation

043	Chrome Plating Shop, Bldg. 794

Plasma Coating Operation

062	Two Plasma (Powdered Metal) Spray Booths, Bldg. 794
063	Two Plasma (Powdered Metal) Spray Booths, Bldg. 794
102	Two HVOF Spray Booths (Nos. 6 & 7), Bldg. 794

Surface Coating Operations

080	Five Paint Spray Booths, Bldg. 794
011	Aircraft Painting Hangar, Bldg. 868
081	One Paint Booth and One Sanding Booth, Bldg. 101U
083	Paint Spray Booth, Bldg. 190
052	Bearing Shop, Bldg. 101
056	Aircraft Paint Stripping Hangar 101S
084	Fugitive VOC and HAP Emissions from Organizational Level (Squadrons) Aircraft Maintenance Activities
085	Fugitive VOC and HAP Emissions from Paints and Solvents used at FRCSE
086	Paint Spray Booth, Bldg 101S
093	Binks Paint Booth
094	Two Paint Spray Booths
106	Paint Spray Booth, Bldg. 724, FRCSE Shop 430
107	Paint Spray Booth, Hangar 1000, FRCSE Shop 51A
111	Paint Spray Booth, Hanger 124
112	Paint Spray Booth, Bldg. 101W

Concrete Batching Operations

110	Concrete Batching Plant(s)

Note: Please reference the Permit No., Facility ID No., and appropriate Emission Unit ID No(s)., on all correspondence, test report submittal, applications, etc.

Compliance Assurance Monitoring (CAM) requirements do not apply to any EUs at this facility.

Also included in this permit are miscellaneous unregulated emission units and insignificant emissions units and /or activities.