Florida Department of Environmental Protection

Northeast District
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Jennifer Carroll
Lt. Governor

Hershel T.
Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

Northrop Grumman Systems Corporation
5000 US 1 North
St. Augustine, Florida 32095

Authorized Representative:
Rick Matthews, VP, BM & ES Production Ops
Site Manager

Air Permit No. 1090041-006-AF
Permit Expires: March 8, 2016

North Complex
FESOP
Renewal

This is the final Federally Enforceable State Operating Permit, which authorizes the renewal of the North Complex, which is an Aircraft Rework and Manufacturing Facility (Standard Industrial Classification No. 3711). The facility is located in St. Johns County at Located 495 Hawkeye View Lane off Gun Club Road, St. Augustine, in St. Johns County, Florida. The UTM coordinates are Zone 17, 467.4 km East, and 3314.4 km North. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution operation permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.).

The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Jacksonville, Florida

Christopher L. Kirts, P.E.
District Air Program Administrator

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on March 8, 2011 to the persons listed below.

Rick Matthews, Site Manager- Northrop Grumman Systems Corporation (rick.matthews@ngc.com)
Richard Doria, P. E. -Northrop Grumman Systems Corporation (richard.doria@ngc.com)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Monique Jordan

(Clerk) 3/8/2011 (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

For the operation of this aircraft rework and manufacturing **north complex** facility which consists of handwipe solvent cleaning and touch-up indoor spray painting with the emissions limited as follows:

1. VOCs emissions with a facility total VOCs cap of 10.0 TPY.
2. HAP emissions with a cap for each HAPs of 5.0 TPY.
3. HAPs emissions with a facility total HAPs cap of 5.0 TPY.

The existing facility consists of the following emissions unit.

ID No.	Emission Unit Description
001	Aircraft Rework & Mfg Facility

Facility Regulatory Classification

- The facility not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

STATE REQUIREMENTS

This emissions unit is subject to the requirements of Rule 62-210.320, F.A.C.

FEDERAL REQUIREMENTS

Northrop Grumman Systems Corporation may be subject to Area Source MACT 40 CFR Part 63 HHHHHH -National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing, upon adoption by reference into the Florida Administrative Code Rule, upon adoption by reference into the Florida Administrative Code Rule.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Northeast District Office, Florida Department of Environmental Protection (Department). The mailing address is 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to this District office.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Northeast District Office, Florida Department of Environmental Protection (Department). The mailing address is 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to this District office.

3. Appendices: The following Appendices are attached as part of this permit:
   a. Appendix A. Citation Formats and Glossary of Common Terms;
   b. Appendix B. General Conditions;
   c. Appendix C. Common Conditions;

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Application for Non Title V Permit Renewal: This permit authorizes operation of the permitted emissions units. The permittee shall apply for a Non-Title V air operation permit renewal (DEP Form No. 62-210.900(4), F.A.C.) at least 60 days prior to expiration of this permit. To apply for a Non-Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, F.A.C.]

8. Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.

9. The I.D. No. and Project name for this source shall be used on all correspondence.

A. Aircraft Rework & Mfg Facility

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Aircraft Rework & Mfg Facility

This emissions unit is subject to the requirements of Rule 62-210.320, F.A.C.

PERFORMANCE RESTRICTIONS

1. **Permitted Capacity**. The maximum operating rate and the permitted maximum emission rate for each pollutant are listed in the t**able(s) below** and shall not be exceeded without prior Department approval.

Emissions Unit (EU) #001 - Aircraft Rework & Mfg Facility:

ID	Materials	RATE	POLLUTANT	Emissions Limit LBS/HR	TPY	FAC RULE	TEST METHOD
EU 001	Materials containing VOC[1]	---	VOC	---	10.0[2]	62-210.200(130)	---[3]
			HAP[4]	---	5.0[5]	62-210.200(130)	---[3]
			HAPs[6]	---	5.0[7]	62-210.200(130)	---[3]
			Odor	---[8]	---	62-296.320(2)	---

[1]VOC - Volatile Organic Compounds

[2]Basis: Requested facility cap for all VOCs.

[3]**Compliance** shall be determined by recording all of the data for materials containing HAPs and VOCs that are required to determine the emissions of each HAP, total HAPs and total VOCs (C.A.S. NAME, INV., UNIT, CONV FCTR., GAL, LBS/GAL, WGT/VOL, COMP. %, EMISSIONS in LB with TPY at end of year and include a LEGEND) and **submitting this data as a compliance report with the AOR**.

[4]HAP - Hazardous Air Pollutant

[5]Basis: Requested cap for each HAP.

[6]HAPs - more than one HAP.

[Rule 62-210.200(PTE), F.A.C.]

2. **Hours of Operation**. The hours of operation of are not limited (8760 hours per year).

[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

3. **Table GN-FE-5**. Sources of fugitive emissions are listed in Table GN-FE-5 (copy attached).

4. **Objectionable Odor**. This facility is subject to the requirements of **SECTION 4. APPENDIX C, Common Condition NO. 7. attached.**

[Rule 62-296.320(2), F.A.C., Objectionable Odor Prohibited; and, Rule 62-210.200(198), F.A.C., Definitions-Objectionable Odor]

5. **Annual Operation Report**. This facility is subject to the requirements **of SECTION 4. APPENDIX C, Common Condition No. 11.c(1) attached.**

[Rule 62-210.370(3), F.A.C].