



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

PERMITTEE

Lockheed Martin Aeronautics Company
9300 28th Street North
Pinellas Park, FL 33782

Air Permit No. 1030400-020-AC
Permit Expires: 12/31/2017
Minor Air Construction Permit

Authorized Representative:
Mr. Michael Daetwyler, General Manager (Acting)

Pinellas Park Facility
Addition of Paint Spray Booth 4

PROJECT

This is the final air construction permit, which revises Permit No. 1030400-014-AC for the addition of a paint spray booth 4. Lockheed Martin Aeronautics Company – Pinellas Park Facility is an aerospace parts and component manufacturing facility categorized under Standard Industrial Classification No. 3728. The existing facility is located in Pinellas County at 9300 28th Street North, Pinellas Park, Florida. The UTM coordinates are Zone 17, 335.3 kilometers (km) East, and 3082.6 km North.

This final permit is organized into the following sections: Section 1 (General Information) and Section 2 (Permit Revisions). As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

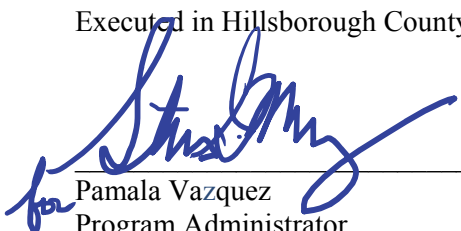
STATEMENT OF BASIS

This air pollution construction 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.).

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. A copy of this permit modification shall be filed with the referenced permit and shall become part of the permit.

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 Hillsborough County, Florida



Pamala Vazquez
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

DRAFT PERMIT

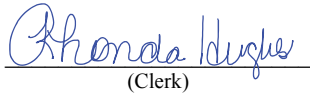
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit Revision) 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 the date indicated below to the following persons.

Michael Daetwyler, Lockheed Martin Aeronautics Company, michael.s.daetwyler@lmco.com
Emily Harmon, Lockheed Martin Aeronautics Company, emily.harmon@lmco.com
Mitchell Hait, P.E., Mitchell J, Hait, Ph.D., P.E., Inc., haitinc@gmail.com
Sherrill Culliver, Pinellas County Air Quality Division, sculliver@pinellascounty.org

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.


(Clerk)

August 8, 2016
(Date)

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

This facility manufactures aerospace parts and components, which consists of the following emissions unit.

Summary of Emissions Units.

EU No.	Brief Description
<i>Regulated Emissions Units</i>	
001	Surface Coating of Aerospace Parts and Components

FACILITY REGULATORY CLASSIFICATION

- The facility is 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 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.
- This facility is a synthetic non-Title V source for volatile organic compounds (VOC) and hazardous air pollutants (HAPs).

(Permitting Notes: As identified in the permit application submitted on January 28, 2016, the facility is subject to 40 CFR 63 Subpart HHHHHHH – National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources and 40 CFR 63 Subpart WWWW – National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations. Subpart HHHHHHH is applicable to facility's surface coating operations (Emissions Unit Nos. 001), while Subpart WWWW is applicable to the chromate conversion process tank that is part of the chemical film process line. As of the effective date of this permit, these two NESHAP subparts have not been adopted by the Florida Department of Environmental Protection and therefore are not integrated into this permit.

Surface Coating of Aerospace Parts and Components (Emission Unit No. 001) is limited to the requirements in the Department's variance OGC File No. 14-0521 issued by the Department on March 4, 2015, with an expiration date of March 4, 2017. The current variance replaced previously issued variances (OGC File No. 12-1462, 10-3711, OGC File No. 04-1938, OGC File No. 06-2014, and OGC File No. 08-2082). The permittee requested the variance to allow the facility to operate in accordance with the U.S. EPA Guideline Series EPA-453/R-97-004 (CTG) titled, "Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations" dated December 1997, in place of the VOC RACT requirements for Surface Coating of Miscellaneous Metal Parts and Products in Rule 62-296.513, F.A.C. The CTG also (as referenced by citation) includes only the VOC requirements contained in 40 CFR 63, Subpart GG – National Emission Standards for Aerospace Manufacturing and Rework Facilities.)

PROPOSED PROJECT

This project is to revise construction permit No. 1030400-014-AC to authorize the following construction at the facility:

Construct a Paint Spray Booth No. 4 (in building adjacent to the main building, located at 2801 Gateway Centre Parkway, west of Paint Spray Booth No. 3) manufactured by Global Finishing Solutions, and is 30' x 18' x 19' with a 28' high stack.

SECTION 2. PERMIT REVISIONS

The following permit conditions are revised in “From” and “To” format, as indicated below. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text. All changes are emphasized with yellow highlight.

Permit Being Modified: Permit No. 1030400-014-AC

From:

Affected Emissions Unit: EU-001

Subsection 3B, Emissions Unit Description:

For surface coatings of aerospace parts and components. Typical operations associated with Emissions Unit No. 001 may consist of materials receiving, machining and mechanical processing, coating application, heat treating, cleaning, metal processing and finishing, coating removal (depainting), composite processing, and testing. Emissions Unit No. 001 may utilize all three paint spray booths as well as fabrication area(s) at the facility.

- **EXISTING** Paint Booth No. 1 (north) is manufactured by Blowtherm and is 30' x 14' x 12' with a 42' high stack.
- **NEW (PROPOSED)** Paint Booth No. 2 (south) is manufactured by Lee Patterson Co. and is 34.25' x 19' x 13.5' with a 46' high stack.
- **NEW (RECENTLY CONSTRUCTED; AUTHORIZED BY CONSTRUCTION PERMIT NO. 1030400-013-AC)** Paint Booth No. 3 (in building adjacent to the main building) is manufactured by Lee Patterson Co. and is 30' x 18' x 9' with a 38' high stack.

This emissions unit is limited to the requirements in the Department's variance OGC File No. 10-3711 issued by the Department on March 4, 2011, with an expiration date of March 4, 2013.

To:

Subsection 3B, Emissions Unit Description:

Surface Coating of Aerospace Parts and Components - Typical operations associated with Emissions Unit No. 001 may consist of materials receiving, machining and mechanical processing, coating application, heat treating, cleaning, metal processing and finishing, coating removal (depainting), composite processing, and testing. Emissions Unit No. 001 may utilize all ~~three~~ four paint spray booths as well as fabrication area(s) at the facility.

- Paint Spray Booth No. 1 (north) is manufactured by Blowtherm and is 30' x 14' x 12' with a 42' high stack.
- Paint Spray Booth No. 2 (south) is manufactured by Lee Patterson Co. and is 34.25' x 19' x 13.5' with a 46' high stack.
- Paint Spray Booth No. 3 (in building adjacent to the main building, located at 2801 Gateway Centre Parkway) is manufactured by Lee Patterson Co. and is 30' x 18' x 9' with a 38' high stack.

- Paint Spray Booth No. 4 (in building adjacent to the main building, located at 2801 Gateway Centre Parkway, west of Paint Spray Booth 3) is manufactured by Global Finishing Solutions and is 30' x 18' x 19' with a 28' high stack.

This emissions unit is limited to the requirements in the Department's current variance OGC File No. 14-0521 issued by the Department on March 4, 2015, with an expiration date of March 4, 2017.