



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-3013-00237/00007
Effective Date: 06/01/2015 Expiration Date: 05/31/2025

Permit Issued To: PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGAR RD
ROME, NY 13441

Facility: PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGAR RD - BLDG 101
ROME, NY 13441

Contact: SCOTT NESTLERODE
PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGER RD
ROME, NY 13441
(315) 838-1500

Description:
This Renewal #1 is being performed to update the new Part 201 and the new Part 228 Regulations.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: LAWRENCE R AMBEAU
NYSDEC - REGION 6
317 WASHINGTON ST
WATERTOWN, NY 13601

Authorized Signature: _____ Date: ___ / ___ / ___



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 6 SUBOFFICE - UTICA



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 6
SUBOFFICE - UTICA
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

New York State Department of Environmental Conservation

Permit ID: 6-3013-00237/00007

Facility DEC ID: 6301300237



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

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394 HANGAR RD
ROME, NY 13441

Facility: PREMIER AVIATION OVERHAUL CENTER LTD
394 HANGAR RD - BLDG 101
ROME, NY 13441

Authorized Activity By Standard Industrial Classification Code:
4581 - AIRPORTS, FLYING FIELDS, AND SERVICES

Permit Effective Date: 06/01/2015

Permit Expiration Date: 05/31/2025



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-6.4 (a) (1) (ii): Compliance Demonstration
- 2 6 NYCRR 201-6.4 (a) (1) (ii): Compliance Demonstration
- 3 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 7 6 NYCRR 211.1: Air pollution prohibited
- 8 6 NYCRR 211.1: Compliance Demonstration
- 9 6 NYCRR 212.4 (c): Compliance Demonstration
- 10 6 NYCRR 212.6 (a): Compliance Demonstration
- 11 6 NYCRR 212.9 (b): Compliance Demonstration
- 12 6 NYCRR 212.11 (b) (5): Compliance Demonstration
- 13 6 NYCRR 212.11 (b) (5): Compliance Demonstration
- 14 6 NYCRR 212.11 (b) (5): Compliance Demonstration
- 15 6 NYCRR 225-1.2 (f): Compliance Demonstration
- 16 6 NYCRR Part 226: Compliance Demonstration
- 17 6 NYCRR 226.2: Compliance Demonstration
- 18 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 19 6 NYCRR 228-1.1 (a) (3): Once in always in
- 20 6 NYCRR 228-1.3 (a): Compliance Demonstration
- 21 6 NYCRR 228-1.3 (d): Compliance Demonstration
- 22 40CFR 63.11173(a), Subpart HHHHHH: Compliance Demonstration
- 23 40CFR 63.11173(e)(1), Subpart HHHHHH: Recertification for painters
- 24 40CFR 63.11173(e)(2), Subpart HHHHHH: General requirements
- 25 40CFR 63.11173(e)(3), Subpart HHHHHH: Motor Vehicle/Mobile Equipment Coating Requirements
- 26 40CFR 63.11173(e)(4), Subpart HHHHHH: Spray Gun Cleanup
- 27 40CFR 63.11223(d), Subpart JJJJJJ: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 28 ECL 19-0301: Contaminant List
- 29 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 30 6 NYCRR Subpart 201-5: Emission Unit Definition
- 31 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 32 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 33 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 34 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 35 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.



(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Compliance Demonstration



Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (1) (ii)

Item 1.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BTH01

Emission Unit: 2-BAY61

Regulated Contaminant(s):

CAS No: 0NY100-00-0	TOTAL HAP
CAS No: 0NY998-00-0	VOC

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall maintain records of chemical paint stripper usage. No DRE is expected. Each Annual Monitoring Report shall include a stand-alone page that includes a table that quantifies the following information:

- 1) The 12 month rolling total (twelve monthly entries) of the volume of paint stripper that had been used
- 2) The 12 month rolling total of VOC emitted from that volume of stripper. Facility should assume 100% of VOC that was in the formulation had been eluted unless credible evidence indicates otherwise.
- 3) The 12 month rolling total of HAP emitted from that volume of stripper. Facility should assume 100% of HAP that was in the formulation had been eluted unless credible evidence indicates otherwise.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 2: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (1) (ii)

Item 2.1:

New York State Department of Environmental Conservation

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Facility DEC ID: 6301300237



The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 3-COMP1

Process: CMP

Emission Source: CMP01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

CAS No: 0NY998-00-0 VOC

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission factors for fiberglass operations in emission unit COMP1, Process CMP have been negotiated between NYSDEC and Premier Aviation in 2008. Emission factors have a partial basis in NESHAP Subpart WWWW, which is not applicable to this facility, and best engineering practices. Products in use are both epoxy resin/catalyst mix and "Prepreg" which is fiberglass cloth that has been pre-impregnated with chilled catalyzed resin. Facility shall record monthly epoxy resin usage by gallon, monthly Prepreg usage by square yard, and use the following emission factors to calculate both VOC and HAP emissions, which will contribute to facility level emission caps:

Resin/Catalyst Mix:

2.913 lbs VOC emitted per gallon of resin/cat mix used

2.913 lbs HAP emitted per gallon of resin/cat mix used

Prepreg:

1.048 lbs VOC emitted per square yard of pre-impregnated cloth used

1.048 lbs HAP emitted per square yard of pre-impregnated cloth used

Monthly usage records are to be maintained.

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3: Facility Permissible Emissions
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3.1:



CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000084-74-2	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
CAS No: 000100-41-4	ETHYLBENZENE
CAS No: 000100-42-5	STYRENE
CAS No: 000108-88-3	TOLUENE
CAS No: 007738-94-5	CHROMIC ACID
CAS No: 001314-60-9	ANTIMONY OXIDE
CAS No: 013423-61-5	MAGNESIUM CHROMATE
CAS No: 015432-85-6	SODIUM ANTIMONATE
CAS No: 024613-89-6	CHROMIC ACID, CHROMIUM (+3) SALT
CAS No: 001330-20-7	XYLENE, M, O & P MIXT.

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

CAP:

Facility owner/operator shall ensure that the facility-wide emission of any individual species of hazardous air pollutant (speciated HAP), including those from permitted, exempt and trivial sources, remain less than 18,000 pounds during any consecutive 365 day period. The speciated HAPs to be considered shall not be limited to the above list, this cap applies to any and all HAP species. For the purposes of this permit, many HAPs will be solvents that originate in liquid phase and they will be assumed to be eluted into the atmosphere at 100% of the in-the-can mass. Only HAPs that are believed to be particulates (some metal compounds) may be reduced (DRE) by transfer efficiency, fall out and filter capture efficiency. The facility shall be clear on this point.

RECORDS:

Facility owner (Premier Aviation) shall maintain records that verify the facility's monthly speciated HAP emissions. These records shall be maintained at the facility for a minimum five year period. Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's speciated HAP emissions during any consecutive 365 day period were less than 18,000 pounds. The form "Annual Capping Certification" is not required for this speciated HAP cap.

REPORTS:

The Annual Monitoring Report shall include information that documents the speciated HAP emissions from each emission source at the facility, including exempt and trivial activities. The report shall also include all



emission factors and other data used in calculating the monthly HAP emissions.

NONCOMPLIANCE:

Any noncompliance with the speciated HAP emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: SPECIATED HAP (MASS)

Upper Permit Limit: 18,000 pounds per year

Reference Test Method: EPA Reference Method 24

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

**Condition 5: Capping Monitoring Condition
Effective between the dates of 06/01/2015 and 05/31/2025**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 5.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)
40 CFR Part 63, Subpart GG
40 CFR Part 63, Subpart WWWW

Item 5.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 5.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 5.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

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Item 5.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

CAP:

Facility owner shall ensure that the facility-wide emissions of hazardous air pollutants, totalled collectively (aggregated HAP), including those from permitted, exempt and trivial sources, remain less than 45,000 pounds during any consecutive 365 day period. For the purposes of this permit, many HAPs will be solvents that originate in liquid phase and they will assumed to be eluted into the atmosphere at 100% of the in-the-can mass. Only HAPs that are believed to be particulates (some metal compounds) may be reduced (DRE) by transfer efficiency, fall out and filter capture efficiency. The facility shall be clear on this point.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly aggregated HAP emissions. These records shall be maintained at the facility for a minimum five year period. Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's aggregated HAP emissions during any consecutive 365 day period were less than 45,000 pounds.

REPORTS:

The Annual Monitoring Report shall include information that documents the aggregated HAP emissions from each emission source at the facility, including exempt and trivial activities. The report shall also include all emission factors and other data used in calculating the monthly HAP emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the HAP emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the



occurrence.

Parameter Monitored: TOTAL HAP
Upper Permit Limit: 45,000 pounds per year
Reference Test Method: EPA Reference Method 24
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 6: Capping Monitoring Condition
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 6.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)
6 NYCRR Subpart 228-1
6 NYCRR 231-2.2 (b) (1)
40 CFR Part 63, Subpart GG
40 CFR Part 63, Subpart WWWW

Item 6.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 6.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

New York State Department of Environmental Conservation

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Item 6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

CAP:

Facility owner shall ensure that the facility-wide emissions of volatile organic compounds (VOC), including those from permitted, exempt and trivial sources, remain less than 90,000 pounds during any consecutive 365 day period. This 90,000 pound VOC cap is sufficiently high so as to avoid the requirements of Part 228-1, therefore Premier is not subject to the VOC-content limitations of Table E (Aerospace), but Premier is subject to the General Requirements of 228-1.3. VOCs are solvents that originate in liquid phase; VOCs shall be assumed to be eluted to the atmosphere at 100% of the in-the-can mass.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly VOC emissions. These records shall be maintained at the facility for a minimum five year period. Reports will be submitted annually, in a format acceptable to the Department, which document that the facility's VOC emissions during any consecutive 365 day period were less than 90,000 pounds.

REPORTS:

The annual monitoring report shall include information that documents the VOC emissions from each emission source at the facility, including exempt and trivial activities. The report shall also include all emission factors and other data used in calculating the monthly VOC emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the VOC emission limit in this condition must be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: VOC

Upper Permit Limit: 90,000 pounds per year

Reference Test Method: EPA Reference Method 25A

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Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 7: Air pollution prohibited
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 211.1

Item 7.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 8: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 211.1

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0	PARTICULATES
CAS No: 0NY100-00-0	TOTAL HAP
CAS No: 0NY998-00-0	VOC

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall establish a complaint response procedure to manage complaints related to air emissions from this facility. The procedure shall be designed to ensure that complaints from officials or neighbors are adequately received and documented, and that appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week; the employment of an answering machine is acceptable.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is



- found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and action taken.
 5. Annually, report in a format acceptable to the Department. Facility shall report the number of complaints (even if zero) that have been logged throughout the reporting period.

Monitoring Frequency: DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 9: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BTH01	Emission Point: PSB01
Emission Unit: 1-BTH01	Emission Point: PSB02
Emission Unit: 1-BTH01	Emission Point: PSB3A
Emission Unit: 1-BTH01	Emission Point: PSB3B
Emission Unit: 1-BTH01	Emission Point: PSB3C
Emission Unit: 1-BTH01	Emission Point: PSB3D
Emission Unit: 2-BAY61	Emission Point: EPH61
Emission Unit: 2-BAY61	Emission Point: EPH62
Emission Unit: 3-COMP1	Emission Point: CMP01

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any



time.

The permittee will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these verifications, investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 10: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 10.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 3-COMP1 Emission Point: CMP01

Regulated Contaminant(s):



CAS No: 0NY075-00-0 PARTICULATES

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any process emission source subject to 6 NYCRR 201.

EPA Reference Method 9 is the only formal determinate of opacity compliance and the Department reserves the right to perform or require the performance of a RM9.

In the absence of a formal RM 9, facility shall attest to opacity compliance by visually monitoring and recording the magnitude of optical density of the exhaust plume from each referenced emission point. This observation shall be made once per week and while the source is operating. The observer shall not consider that portion of the plume that is due to water vapor. These observations shall be recorded in a log book which shall be submitted annually and shall be retained for a five year period.

If dense emissions (any that are greater than "clear" or "very minimal") are observed, then the emission point shall be re-checked on the following day. If the result is two consecutive days of dense emissions, then facility shall:

- 1) Immediately investigate the root cause and take appropriate corrective action.
- 2) Conduct a certified EPA Reference Method 9 visible emission test
- 3) Notify the NYSDEC, Division of Air Resources, Region 6
- 4) If the Method 9 test determines that the opacity is less than 20%, then an appropriate log entry of "very minimal" shall be recorded.
- 5) If the RM9 certified observer detects opacity greater than 20%, then facility shall make such an entry in the log.

These observations are intended to be made while these stacks are exhausting emissions from either paint stripping or from fiberglass operations (Processes B6S, CMP or PBS), not from painting.

NOTE: The terminus of some stacks (certainly EP# CMP01,

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and to some extent PSB1 & PSB2) at Premier Aviation are not visible without the climbing of tall ladders. In such a case, the observer shall attempt to view the approximate airspace above/near the EP. It has been determined that all observations can be performed from ground level, 225 feet approximately SE of the visitor entrance to Premier.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Observe plumes weekly, perform RM 9 at DEC request

Monitoring Frequency: WEEKLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 11: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

- CAS No: 007738-94-5 CHROMIC ACID
- CAS No: 007758-97-6 LEAD CHROMATE
- CAS No: 007789-06-2 STRONTIUM CHROMATE
- CAS No: 011103-86-9 POTASSIUM ZINC CHROMATE HYDROXIDE
- CAS No: 010294-40-3 CHROMIC ACID, BARIUM SALT

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Particulate emissions of CHROMIUM COMPOUNDS:

For any and all A-rated (high toxicity) non-criteria air contaminants whose emission rate potential (ERP) is between 1 and 10 lbs/hr, Premier Aviation shall achieve ongoing destruction/removal efficiency (DRE) of no less than 99%. The above list of compounds have been known to reside in Premier's aircraft coatings and this list shall not be considered to be inclusive of contaminants that should be considered. Any A-rated compound that might be in a manufacturer's coating specification will become implicated. Facility shall ensure that at least 99% DRE is accomplished while the affected coatings are being applied. Facility shall maintain expeditious readiness to

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prove this DRE. Each Annual Monitoring Report shall include information that indicates that facility has been in compliance with this requirement.

This requirement is facility-wide and therefore encompasses (not inclusive) coating operations, paint-stripping operations and composite operations.

A forthcoming re-write of 6 NYCRR 212 will specify this requirement as 6 NYCRR 212-2.3(b) Table 4.

Parameter Monitored: CAPTURE EFFICIENCY
Lower Permit Limit: 99 percent capture efficiency
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 12: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 212.11 (b) (5)

Item 12.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F03
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F06
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F09
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F12
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F03
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F06
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F09
Emission Unit: 2-BAY61	



Process: B6S

Emission Source: S6F12

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

THIRD STAGE:

Source owner shall operate and maintain the 3rd stage paint booth filters (an array of 3rd stage filters, one array in each of the four filter banks) within the manufacturer's recommended (or empirical evidence) pressure drop range, as referenced below. Magnehelic readings shall be monitored and logged once per day whenever the paint booth is in operation. Instances of deviation shall require root cause analysis including, but not limited to, filter inspection or filter replacement.

Note: Fabric filters shall be assumed to capture only solid and liquid particles. Further, liquids particles could be volatile and very possibly could volatilize after capture and therefore then become released into the atmosphere. Calculations of paint fall out, paint transfer efficiency and filter capture efficiency are the domain of particulate emissions, not vapors and possibly not liquids. With respect to this discussion, Premier Aviation shall exercise caution when calculating DRE.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.10 inches of water

Upper Permit Limit: 1.17 inches of water

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 13: Compliance Demonstration

Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 212.11 (b) (5)

Item 13.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:



Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F02
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F08
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F11
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6FO5
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F02
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F08
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F11
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6FO5

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

SECOND STAGE:

Source owner shall operate and maintain the 2nd stage paint booth filters (an array of 2nd stage filters, one array in each of the four filter banks) within the manufacturer's recommended (or empirical evidence) pressure drop range, as referenced below. Magnehelic readings shall be monitored and logged once per day whenever the paint booth is in operation. Instances of deviation shall require root cause analysis including, but not limited to, filter inspection or filter replacement.

Note: Fabric filters shall be assumed to capture only solid and liquid particles. Further, liquids particles could be volatile and very possibly could volatilize after capture and therefore then become released into the atmosphere. Calculations of paint fall out, paint transfer efficiency and filter capture efficiency are the domain of particulate emissions, not vapors and possibly not liquids. With respect to this discussion, Premier Aviation



shall exercise caution when calculating DRE.

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 0.01 inches of water
Upper Permit Limit: 0.2 inches of water
Monitoring Frequency: DAILY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 14: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 212.11 (b) (5)

Item 14.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F01
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F07
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6F10
Emission Unit: 2-BAY61 Process: B62	Emission Source: S6FO4
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F01
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F07
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6F10
Emission Unit: 2-BAY61 Process: B6S	Emission Source: S6FO4
Regulated Contaminant(s): CAS No: 0NY075-00-0	PARTICULATES

Item 14.2:

Compliance Demonstration shall include the following monitoring:



Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

FIRST STAGE:

Source owner shall operate and maintain the 1st stage paint booth filters (an array of 1st stage filters, one array in each of the four filter banks) within the manufacturer's recommended (or empirical evidence) pressure drop range, as referenced below. Magnehelic readings shall be monitored and logged once per day whenever the paint booth is in operation. Instances of deviation shall require root cause analysis including, but not limited to, filter inspection or filter replacement.

Note: Fabric filters shall be assumed to capture only solid and liquid particles. Further, liquids particles could be volatile and very possibly could volatilize after capture and therefore then become released into the atmosphere. Calculations of paint fall out, paint transfer efficiency and filter capture efficiency are the domain of particulate emissions, not vapors and possibly not liquids. With respect to this discussion, Premier Aviation shall exercise caution when calculating DRE.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.03 inches of water

Upper Permit Limit: 0.75 inches of water

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 15: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 225-1.2 (f)

Item 15.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 2-BAY61

Process: BLR

Emission Source: BOIL1

Emission Unit: 2-BAY61

Process: BLR

Emission Source: BOIL2

Regulated Contaminant(s):



CAS No: 007446-09-5 SULFUR DIOXIDE

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less (15 ppm). Compliance with this limit shall be based on vendor certifications.

Data collected pursuant to this Subpart shall be tabulated and summarized in a form acceptable to the Department, and shall be retained for at least five years. Facility owners or distributors shall submit these records and summaries upon the request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 16: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR Part 226

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Cold Cleaning Degreasers (Non Title V after 12/31/2003)



A. Equipment Specifications

The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety

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Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.

- (a) the name and address of the solvent supplier;
- (b) the type of solvent including the product or vendor identification number; and
- (c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 17: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 226.2

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility operates a remote-reservoir cold cleaning degreasing units, which is trivial per 6NYCRR 201-3.3(c)(49). Solvent is contained to the immediate cleaning of the part, after which it drains through an opening of not more than 16 square inches and then into a remote reservoir sump. Facility shall calculate degreaser VOC emissions from solvent usage records and current MSDS information. Degreaser emissions shall be separately itemized and then added into total facility VOC emissions on the Annual Monitoring Report. Records shall be maintained for five years.

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 18: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025



Applicable Federal Requirement:6 NYCRR 227-1.3 (a)

Item 18.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 2-BAY61

Emission Point: BOILS

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent

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Monitoring Frequency: WEEKLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 19: Once in always in
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 228-1.1 (a) (3)

Item 19.1:

Any coating line that is or becomes subject to the provisions of Subpart 228-1 will remain subject to these provisions even if the annual potential to emit or actual emissions of VOCs for the facility later falls below the thresholds set forth in Subdivision 228-1.1(a).

Condition 20: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement:6 NYCRR 228-1.3 (a)

Item 20.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BTH01	Emission Point: PSB01
Emission Unit: 1-BTH01	Emission Point: PSB02
Emission Unit: 1-BTH01	Emission Point: PSB3A
Emission Unit: 1-BTH01	Emission Point: PSB3B
Emission Unit: 1-BTH01	Emission Point: PSB3C
Emission Unit: 1-BTH01	Emission Point: PSB3D
Emission Unit: 2-BAY61	Emission Point: EPH61
Emission Unit: 2-BAY61	Emission Point: EPH62

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE



Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance will be determined by conducting a Method 9 opacity evaluation at a minimum frequency of once per year, while the source is in normal operating mode.

In addition to the above opacity evaluation, the permittee will conduct daily observations of visible emissions from the emission unit, process, etc. to which this condition applies. The observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Incident weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

If the operator observes any visible emissions (other than steam - see below) the permittee will immediately investigate any such occurrence and take corrective action, as necessary, to reduce or eliminate the emissions. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify the department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.



**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Observe plume weekly, perform RM 9 at DEC request

Monitoring Frequency: WEEKLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 21: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 6 NYCRR 228-1.3 (d)

Item 21.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this

Subpart must:

(a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;

(b) store in closed, non-leaking containers spent or fresh VOC

solvents to be used for surface preparation, cleanup or coating removal;

(c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;



- (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (f) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (g) clean hand held spray guns by one of the following:
 - (1) an enclosed spray gun cleaning system that is kept closed when not in use;
 - (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
 - (3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
 - (4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

Monitoring Frequency: WEEKLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 22: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable Federal Requirement: 40CFR 63.11173(a), Subpart
HHHHHH

Item 22.1:

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The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-BTH01
Process: PBS

Emission Unit: 2-BAY61
Process: B6S

Regulated Contaminant(s):
CAS No: 000075-09-2 DICHLOROMETHANE

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each paint stripping operation that meets the qualifications for an affected source under 40 CFR 63, subpart HHHHHH, the facility must implement management practices to minimize the evaporative emissions of methylene chloride. The management practices must address, at a minimum, the practices listed below:

- 1) Evaluate each application to ensure there is a need for paint stripping (e.g., evaluate whether it is possible to re-coat the piece without removing the existing coating).
- 2) Evaluate each application where a paint stripper containing methylene chloride is used to ensure that there is no alternative paint stripping technology that can be used.
- 3) Reduce exposure of all paint strippers containing methylene chloride to the atmosphere.
- 4) Optimize application conditions when using paint strippers containing methylene chloride to reduce methylene chloride evaporation (e.g., if the stripper must be heated, make sure that the temperature is kept as low as possible to reduce evaporation).
- 5) Practice proper storage and disposal of paint strippers containing methylene chloride (e.g., store stripper in closed, air-tight containers).

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).



curtains, and must be ventilated at negative pressure so that air is drawn into any openings in the booth walls or preparation station curtains. However, if a spray booth is fully enclosed and has seals on all doors and other openings and has an automatic pressure balancing system, it may be operated at up to, but not more than, 0.05 inches water gauge positive pressure.

(iii) Spray booths and preparation stations that are used to coat miscellaneous parts and products or vehicle subassemblies must have a full roof, at least three complete walls or complete side curtains, and must be ventilated so that air is drawn into the booth. The walls and roof of a booth may have openings, if needed, to allow for conveyors and parts to pass through the booth during the coating process.

(iv) Mobile ventilated enclosures that are used to perform spot repairs must enclose and, if necessary, seal against the surface around the area being coated such that paint overspray is retained within the enclosure and directed to a filter to capture paint overspray.

**Condition 25: Motor Vehicle/Mobile Equipment Coating Requirements
Effective between the dates of 06/01/2015 and 05/31/2025**

Applicable Federal Requirement:40CFR 63.11173(e)(3), Subpart

HHHHHH

Item 25.1:All spray-applied coatings shall be applied with a high volume low pressure (HVLP) spray gun, electrostatic spray gun, airless spray gun, air-assisted airless spray gun, or an equivalent technology that has been demonstrated by its manufacturer to achieve a transfer efficiency that is comparable to one of the spray gun technologies listed above. Further details about this topic may be seen in a printed copy of 40 CFR 63.11173(e)(3).

**Condition 26: Spray Gun Cleanup
Effective between the dates of 06/01/2015 and 05/31/2025**

Applicable Federal Requirement:40CFR 63.11173(e)(4), Subpart

HHHHHH

Item 26.1:All spray gun cleaning must be done so that an atomized mist or a spray of gun cleaning solvent/paint residue is not created outside of a container that collects used gun cleaning solvent. Review this printed Regulation, 40 CFR 63.11173(e)(4) for further information.

**Condition 27: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025**

Applicable Federal Requirement:40CFR 63.11223(d), Subpart JJJJJ

Item 27.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 2-BAY61



Process: BLR

Emission Source: BOIL1

Emission Unit: 2-BAY61

Process: BLR

Emission Source: BOIL2

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Seasonal boilers must conduct a tune-up every 5 years as specified in 40 CFR 63.11223(b)(1) through (7). Each 5-year tune-up must be conducted no more than 61 months after the previous tune-up. For a new or reconstructed seasonal boiler, the first 5-year tune-up must be no later than 61 months after the initial startup. The owner or operator may delay the burner inspection specified in 40 CFR 63.11223(b)(1) and inspection of the system controlling the air-to-fuel ratio specified in 40 CFR 63.11223(b)(3) until the next scheduled unit shutdown, but he/she must inspect each burner and system controlling the air-to-fuel ratio at least once every 72 months. Seasonal boilers are not subject to the emission limits in Table 1 to subpart JJJJJ or the operating limits in Table 3 to subpart JJJJJ.

Monitoring Frequency: Once every five years

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.

Condition 28: Contaminant List
Effective between the dates of 06/01/2015 and 05/31/2025



Applicable State Requirement:ECL 19-0301

Item 28.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000067-56-1

Name: METHYL ALCOHOL

CAS No: 000075-09-2

Name: DICHLOROMETHANE

CAS No: 000084-74-2

Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

CAS No: 000100-41-4

Name: ETHYLBENZENE

CAS No: 000100-42-5

Name: STYRENE

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 001314-60-9

Name: ANTIMONY OXIDE

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007738-94-5

Name: CHROMIC ACID

CAS No: 007758-97-6

Name: LEAD CHROMATE

CAS No: 007789-06-2

Name: STRONTIUM CHROMATE

CAS No: 010294-40-3

Name: CHROMIC ACID, BARIUM SALT

CAS No: 011103-86-9

Name: POTASSIUM ZINC CHROMATE HYDROXIDE

CAS No: 013423-61-5

Name: MAGNESIUM CHROMATE



CAS No: 015432-85-6
Name: SODIUM ANTIMONATE

CAS No: 024613-89-6
Name: CHROMIC ACID, CHROMIUM (+3) SALT

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY100-00-0
Name: TOTAL HAP

CAS No: 0NY998-00-0
Name: VOC

Condition 29: Malfunctions and start-up/shutdown activities
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable State Requirement:6 NYCRR 201-1.4

Item 29.1:

- (a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.
- (b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.
- (c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.
- (d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.
- (e) A violation of any applicable emission standard resulting from start-up, shutdown, or

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malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 30: Emission Unit Definition
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 30.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-BTH01

Emission Unit Description:

This emission unit consists of painting or de-painting operations on aircraft parts and sub-assemblies only in any of three walk-in paint booths (PTSB1, PTSB2 & PTSB3). This work may be performed only while the exhaust fans for that particular booth are in operation. Filter maintenance is required.

Building(s): 101

Item 30.2:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 2-BAY61

Emission Unit Description:

This emission unit consists of the painting or de-painting of partial or entire aircraft only in Hangar #6. These operations may only occur while four fans (for the four filter banks) are operating and when enough doors are closed, or openings sealed so as to ensure that air is perceptibly being pulled into the hangar. Emission point EPH61 is southmost and EPH62 is northmost.

Building(s): 101

Item 30.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 3-COMP1

Emission Unit Description:

This emission unit consists of the application of fiberglass/epoxy resin lay-up onto aircraft sub-assemblies. This work is to be performed in the dedicated fiberglass lay-up paint booth.

Building(s): 101

Condition 31: Renewal deadlines for state facility permits
Effective between the dates of 06/01/2015 and 05/31/2025



Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 31.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Condition 32: Compliance Demonstration
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 32.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 6
State Office Building
317 Washington Ave.
Watertown, NY 13601

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 33: Visible Emissions Limited
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable State Requirement:6 NYCRR 211.2

Item 33.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**** Emission Unit Level ****



Condition 34: Emission Point Definition By Emission Unit
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 34.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit:	1-BTH01		
Emission Point:	DRY01		
Height (ft.):	41	Diameter (in.):	9
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	PSB01		
Height (ft.):	54	Diameter (in.):	34
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	PSB02		
Height (ft.):	54	Diameter (in.):	36
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	PSB3A		
Height (ft.):	55	Diameter (in.):	33
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	PSB3B		
Height (ft.):	55	Diameter (in.):	33
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	PSB3C		
Height (ft.):	55	Diameter (in.):	33
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	PSB3D		
Height (ft.):	55	Diameter (in.):	33
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		

Item 34.2:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit:	2-BAY61		
Emission Point:	BOILS		
Height (ft.):	50	Diameter (in.):	20
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	EPH61		
Height (ft.):	96	Diameter (in.):	67
NYTMN (km.):	4786.013	NYTME (km.):	466.607
Building:	101		
Emission Point:	EPH62		



Height (ft.): 96 Diameter (in.): 67
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Item 34.3:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 3-COMP1

Emission Point: CMP01

Height (ft.): 52 Diameter (in.): 34
NYTMN (km.): 4786.013 NYTME (km.): 466.607 Building: 101

Condition 35: Process Definition By Emission Unit
Effective between the dates of 06/01/2015 and 05/31/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 35.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-BTH01

Process: PB1

Source Classification Code: 4-02-025-11

Process Description:

This Process consists of the spray paint coating of aircraft parts or aircraft sub-assemblies; and such painting shall occur only in any one of three walk-in spray booths PTSB1, PTSB2 & PSTB3.

The filters in spray booths PTSB1, PTSB2 & PSTB3 are required to be certified for Subpart HHHHHH - compliant particulate HAP capture. These filters require maintenance. VOC and some HAP constituents in coatings that are applied in these walk-in booths shall be conservatively considered to be 100% released into the atmosphere. The solid particulate fraction of sprayed coatings are available for DRE reduction. Emissions calculations shall follow this plan.

Emission Source/Control: PBFF1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PTSB1 - Process

Emission Source/Control: PTSB2 - Process

Emission Source/Control: PTSB3 - Process



Item 35.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-BTH01

Process: PBS

Source Classification Code: 4-02-001-01

Process Description:

This process consists of the chemical depainting (paint stripping) of aircraft parts and sub-assemblies that is performed in any one of three walk-in paint booths. Stripper could be applied by spray gun or brush. VOC and HAP emissions from stripper shall be regulated by Part 212 and shall be calculated from the 100% release of hazardous air pollutants that are listed on MSDS or TDS documentation.

Emission Source/Control: PBFF1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PBFF3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: PTSB1 - Process

Emission Source/Control: PTSB2 - Process

Emission Source/Control: PTSB3 - Process

Item 35.3:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 2-BAY61

Process: B62

Source Classification Code: 4-02-024-99

Process Description:

Process B62 consists of the re-painting of partial or entire aircraft in Hangar #6. Coatings shall ONLY be applied while the four filter bank fans are operating. Enough hangar doors shall be kept closed, or openings sealed so as to ensure that make-up air is always moving, in a perceptible manner, INTO the hangar. Three-stage PM filters shall be installed, maintained and monitored.

NOTE: A distinction shall be made between gaseous and particulate VOC & HAP emissions specifically when calculating the painting emissions generated in Hangar #6. Most VOC & HAP emissions will be gaseous and a conservative 100% product content release (per MSDS/TDS info) to the atmosphere is to be assumed. Filters cannot



Emission Unit: 2-BAY61

Process: B6S

Process Description:

This process consists of the chemical depainting of either partial or entire aircraft. Process B6S paint stripping shall be performed only in Hangar #6, which has been configured as both a spray booth/maintenance bay. Stripper shall ONLY be applied while the four filter bank fans are operating. Enough hangar doors shall be kept closed, or openings sealed so as to ensure that make-up air is always moving, in a perceptible manner, INTO the hangar. Three-stage filters shall be installed, maintained and monitored. VOC and HAP emissions (emissions are assumed to be gaseous - assume 100% product content release) shall be recorded using MSDS or TDS information. VOC and HAP emissions from strippers shall be regulated by Part 212 and calculated per stripper volume used. Stripper shall be applied by either spray gun or brush.

Emission Source/Control: S6F01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F06 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F08 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6F12 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S6FO4 - Control
Control Type: FABRIC FILTER



Emission Source/Control: S6FO5 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BANK1 - Process

Emission Source/Control: BANK2 - Process

Emission Source/Control: BANK3 - Process

Emission Source/Control: BANK4 - Process

Item 35.5:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 2-BAY61
Process: BLR Source Classification Code: 1-02-005-03
Process Description:

This Process consists of the operation of two Cleaver Brooks 4 MMBtu seasonal boilers. These units fire #2 fuel oil, they generate steam to heat the make-up air system during spring and fall period when the Griffiss Central Steam Station is shut down. An exhaust duct from each boiler (two boilers - two ducts) then combine into one 20" duct which goes through a sidewall and then orients vertically to a point that is 6' above the roofline.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 4 million Btu per hour

Emission Source/Control: BOIL2 - Combustion
Design Capacity: 4 million BTUs per hour

Item 35.6:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 3-COMP1
Process: CMP Source Classification Code: 3-08-007-99
Process Description:

Process CMP consists of fiberglass/epoxy resin lay-up operations. Work shall be performed in booth (source) CMP01, which exhausts to emission point CMP01. Emissions are to be regulated by Part 212 and come from resins, not the fiberglass fraction. Products in use are epoxy resin/catalyst mix and "Prepreg", a type of chilled fiberglass cloth that has been pre-impregnated with epoxy resin/catalyst. Emission factors have a partial basis in NESHAP Subpart WWWW, which otherwise is not applicable to this facility due to Area Source status. Emission factors have been conservatively negotiated between NYSDEC and Premier Aviation:

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Resin/Catalyst Mix:

2.913 lbs VOC emitted per gallon of resin/cat mix used

2.913 lbs HAP emitted per gallon of resin/cat mix used

Prepreg:

1.048 lbs VOC emitted per square yard of pre-impregnated cloth used

1.048 lbs HAP emitted per square yard of pre-impregnated cloth used

Monthly usage records for both resin (gallons) and prepreg (square yards) are to be maintained.

Emission Source/Control: CMPF1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CMP01 - Process

