



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL  
CLINTON COUNTY  
Application No: 05-10145**

**CERTIFIED MAIL**

	TOXIC REVIEW
	PSD
X	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED

**DATE:** February 16, 2000

Aviation Fuel, Inc  
Robert L Hentrich Jr  
145 Hunter Drive  
Wilmington, OH 45177

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager  
Field Operations and Permit Section  
Division of Air Pollution Control

cc: USEPA  
DAPC, SWDO



**Permit To Install  
Terms and Conditions**

**Issue Date: February 16, 2000  
Effective Date: February 16, 2000**

**FINAL PERMIT TO INSTALL 05-10145**

Application Number: 05-10145

APS Premise Number: 0514010131

Permit Fee: **\$2150**

Name of Facility: Aviation Fuel, Inc

Person to Contact: Robert L Hentrich Jr

Address: 145 Hunter Drive  
Wilmington, OH 45177

Location of proposed air contaminant source(s) [emissions unit(s)]:

**145 Hunter Drive  
Wilmington, OHIO**

Description of proposed emissions unit(s):

**LOADING RACKS, STORAGE TANKS AND GASOLINE DISPENSING FACILITY.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

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Director

## Part I - GENERAL TERMS AND CONDITIONS

### A. Permit to Install General Terms and Conditions

#### 1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

#### 2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

#### 3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

#### 4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the

Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**9. Construction of New Sources(s)**

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed

sources are inadequate or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

**10. Public Disclosure**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

**11. Applicability**

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

**12. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**13. Source Operation and Operating Permit Requirements After Completion of Construction**

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

**14. Construction Compliance Certification**

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

**15. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

**B. Permit to Install Summary of Allowable Emissions**

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
Organic Compounds	19.78

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**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Jet A Fuel, Aviation Gasoline, and Unleaded Gasoline Loading Rack (North Fuel Farm)	OAC rule 3745-31-05	6.89 TPY OC
	OAC rule 3745-21-09(P)(5)(a)	exemption based on gasoline throughput restriction (see B.1.)
	Synthetic Minor to avoid PSD and Title V	See B.2. and B.3.

**2. Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The average daily throughput, based upon the number of days during the calendar year when the bulk North Fuel Farm plant was actually in operation, shall not be equal to or greater than 4,000 gallons of aviation gasoline and unleaded gasoline.
2. The emissions of organic compounds from emissions units J002-J004 shall not exceed 6.89 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for emissions units J002-J004. Therefore, no monthly restrictions are being placed on J002-J004 for their first 12 months of operation following final issuance of this PTI.
3. The combined amounts of Unleaded/Aviation Gasoline loaded from J002-J004 shall not exceed 1,459,635 gallons per year, based upon a rolling 12-month summation of the gallon usage figures

gallon usage figures.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the days of operation and the total quantity of all aviation gasoline and unleaded gasoline loaded into gasoline tank trucks.
2. The permittee shall maintain monthly records of the following information for J002-J004:
  - a. the amount (gallons) of Diesel Fuel loaded;
  - b. the amount (gallons) of Jet A Fuel loaded;
  - c. the amount (gallons) of Unleaded Gasoline loaded;
  - d. the amount (gallons) of Aviation Gasoline loaded; and,
  - e. the rolling 12-month summation of fuel usage, in gallons; gasoline usage, in gallons; and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall maintain monthly records of the following information for J002:
  - a. the amount (gallons) of Jet A Fuel loaded;
  - b. the amount (gallons) of Unleaded Gasoline loaded;
  - c. the amount (gallons) of Aviation Gasoline loaded; and,
  - d. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

**D. Reporting Requirements**

1. If the records document an average daily gasoline throughput equal to or greater than 4,000 gallons per day, the permittee shall so notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month Fuel and Gasoline (usage) limitations and the combined, rolling 12- month OC emissions from J002-J004. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for J002. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### E. Testing Requirements

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation - J002

6.89 TPY Organic Compounds

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.3. and shall sum:

- i. the monthly Gasoline (Aviation, Unleaded) usage records for the calendar year multiplied by an emission factor of 6.15 lbs OC/1,000 gallon , divided by 2,000 pounds per ton; and,
- ii. the monthly Fuel (Jet A) usage records for the calendar year multiplied by an emission factor of 0.016 lb/1,000 gallon, divided by 2,000 pounds per ton.

- b. Emission Limitation - J002-J004, combined

6.89 tons OC/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.e. :

- i. the rolling 12-month summations of monthly Gasoline (Aviation, Unleaded) usage records multiplied by an emission factor of 6.15 lbs OC/1,000 gallons , divided by 2,000 pounds per ton; and,
- ii. the rolling 12-month summations of monthly Fuel (Jet A, Diesel) usage records multiplied by an emission factor of 0.016 lb/1,000 gallons, divided by 2,000 pounds per ton.

- c. Gasoline (Unleaded, Aviation) Usage Limitation - J002-J004, combined  
1,459,635 gallons/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.

- d. Fuel (Jet A, Diesel) Usage Limitation - J002-J004, combined  
300,000,000 gallons/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.

**F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Jet A and Diesel Fuels Loading Rack (South Fuel Farm-West)	OAC rule 3745-31-05  Synthetic Minor to avoid PSD and Title V	2.4 TPY OC  See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The emissions of organic compounds from emissions units J002-J004 shall not exceed 6.89 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for emissions units J002-J004. Therefore, no monthly restrictions are being placed on J002-J004 for their first 12 months of operation following final issuance of this PTI.
2. The combined amounts of Unleaded/Aviation Gasoline loaded from J002-J004 shall not exceed 1,459,635 gallons per year, based upon a rolling 12-month summation of the gallon usage figures and 300,000,000 gallons Jet A/Diesel Fuel per year, based upon a rolling 12-month summation of the gallon usage figures.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for J002-J004:
  - a. the amount (gallons) of Diesel Fuel loaded;
  - b. the amount (gallons) of Jet A Fuel loaded;
  - c. the amount (gallons) of Unleaded Gasoline loaded;

- d. the amount (gallons) of Aviation Gasoline loaded; and,
  - e. the rolling 12-month summation of fuel usage, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
2. The permittee shall maintain monthly records of the following information for J003:
- a. the amount (gallons) of Diesel Fuel loaded;
  - b. the amount (gallons) of Jet A Fuel loaded; and,
  - c. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

**D. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month Fuel and Gasoline (usage) limitations and the combined, rolling 12-month OC emissions from J002-J004. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for J003. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

**E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation - J003  
  
2.4 TPY Organic Compounds  
  
Applicable Compliance Method  
  
Compliance shall be based upon recordkeeping specified in C.2. and shall sum the monthly Fuel (Jet A, Diesel) usage records for the calendar year multiplied by an emission factor of 0.016 lb/1,000 gallons, divided by 2,000 pounds per ton.
  - b. Emission Limitation - J002-J004, combined  
  
6.89 tons OC/rolling 12-month period  
  
Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.1.e.:

- i. the rolling 12-month summations of monthly Gasoline (Aviation, Unleaded) usage records multiplied by an emission factor of 6.15 lbs OC/1,000 gallons, divided by 2,000 pounds per ton; and,
  - ii. the rolling 12-month summations of monthly Fuel (Jet A, Diesel) usage records multiplied by an emission factor of 0.016 lb/1,000 gallons, divided by 2,000 pounds per ton.
- c. Gasoline (Unleaded, Aviation) Usage Limitation - J002-J004, combined 1,459,635 gallons/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.1.

- d. Fuel (Jet A, Diesel) Usage Limitation - J002-J004, combined 300,000,000 gallons/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.1.

## **F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Jet A and Diesel Fuels Loading Rack (South Fuel Farm-East)	OAC rule 3745-31-05  Synthetic Minor to avoid PSD and Title V	0.84 TPY  See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The emissions of organic compounds from emissions units J002-J004 shall not exceed 6.89 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for emissions units J002-J004. Therefore, no monthly restrictions are being placed on J002-J004 for their first 12 months of operation following final issuance of this PTI.
2. The combined amounts of Unleaded/Aviation Gasoline loaded from J002-J004 shall not exceed 1,459,635 gallons per year, based upon a rolling 12-month summation of the gallon usage figures and 300,000,000 gallons Jet A/Diesel Fuel per year, based upon a rolling 12-month summation of the gallon usage figures.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for J002-J004:
  - a. the amount (gallons) of Diesel Fuel loaded;
  - b. the amount (gallons) of Jet A Fuel loaded;
  - c. the amount (gallons) of Unleaded Gasoline loaded;

- d. the amount (gallons) of Aviation Gasoline loaded; and,
  - e. the rolling 12-month summation of fuel usage, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
2. The permittee shall maintain monthly records of the following information for J004:
    - a. the amount (gallons) of Diesel Fuel loaded;
    - b. the amount (gallons) of Jet A Fuel loaded; and,
    - c. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

**D. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month Fuel and Gasoline (usage) limitations and the combined, rolling 12-month OC emissions from J002-J004. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for J004. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

**E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation - J004  
  
0.84 TPY Organic Compounds  
  
Applicable Compliance Method  
  
Compliance shall be based upon recordkeeping specified in C.2. and shall sum the monthly Fuel (Jet A, Diesel) usage records for the calendar year multiplied by an emission factor of 0.016 lb/1,000 gallons, divided by 2,000 pounds per ton.
  - b. Emission Limitation - J002-J004, combined  
  
6.89 tons OC/rolling 12-month period  
  
Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.1.e.:

- i. the rolling 12-month summations of monthly Gasoline (Aviation, Unleaded) usage records multiplied by an emission factor of 6.15 lbs OC/1,000 gallons , divided by 2,000 pounds per ton; and,
  - ii. the rolling 12-month summations of monthly Fuel (Jet A, Diesel) usage records multiplied by an emission factor of 0.016 lb/1,000 gallons, divided by 2,000 pounds per ton.
- c. Gasoline (Unleaded, Aviation) Usage Limitation - J002-J004, combined 1,459,635 gallons/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.1.

- d. Fuel (Jet A, Diesel) Usage Limitation - J002-J004, combined 300,000,000 gallons/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.1.

## **F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Fixed Roof 840,000 Gallon Jet A Storage Tank (North Fuel Farm)	OAC rule 3745-31-05	1.07 TPY
	OAC rule 3745-21-09(L)	exempt (see B.1)
	Synthetic Minor to avoid PSD and Title V	See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.
2. The emissions of organic compounds from emissions units T002, T003, T005 and T006 shall not exceed 1.13 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for these emissions units T002-T006. Therefore, no monthly restrictions are being placed on T002, T003, T005 and T006 for their first 12 months of operation following final issuance of this PTI.
3. AFI shall be limited to a potential throughput of 300,000,000 gallons through T002, T003, T005 and T006 distributed by T004, J002 and J003, combined.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information:
  - a. The types of petroleum liquids stored in the tank.
  - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
2. The permittee shall maintain monthly records of the following information for T002, T003, T005 and T006:
  - a. the amount (gallons) of Jet A Fuel throughput distributed to them by T004 (measured by a flow meter adjoining T004);
  - b. the amount of Jet A fuel loaded into them by J002 and/or J003;
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the rolling 12-month summation of Jet A fuel throughput from T004 and loaded from J002/J003, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall maintain monthly records of the following information for T002:
  - a. the amount (gallons) of Jet A Fuel throughput measured by a flow meter adjoining T004 (assuming all Jet A distributed by T004 goes to T002);
  - b. the amount (gallons) of Jet A Fuel loaded (assuming all Jet A loaded by J002 and/or J003 goes to T002);
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

**D. Reporting Requirements**

1. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall

notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.

2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12 month Jet A Fuel (usage) limitations and the rolling 12-month OC emissions from T002, T003, T005 and T006. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for T002. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### **E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:

- a. Compliance Limitation - T002

1.07 TPY OC

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.3. and shall be determined by entering the calendar year throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/year OC emissions rate, divided by 2,000 pounds per ton.

- b. Compliance Limitation - T002, T003, T005 and T006, combined  
1.13 tons OC/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2. and shall be determined by entering the rolling 12-month summations of monthly Jet A Fuel throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/rolling 12-month period OC emissions rate, divided by 2,000 pounds per ton.

- c. Usage Limitation - T002, T003, T005 and T006, combined  
300,000,000 gallons Jet A Fuel/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.c.

**F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Fixed Roof 840,000 Gallon Jet A Storage Tank (South Fuel Farm-East)	OAC rule 3745-31-05	1.13 TPY
	OAC rule 3745-21-09(L)	exempt (see B.1)
	Synthetic Minor to Avoid PSD and Title V	See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.
2. The emissions of organic compounds from emissions units T002, T003, T005 and T006 shall not exceed 1.13 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for these emissions units T002-T006. Therefore, no monthly restrictions are being placed on T002, T003, T005 and T006 for their first 12 months of operation following final issuance of this PTI.
3. AFI shall be limited to a potential throughput of 300,000,000 gallons through T002, T003, T005 and T006 distributed by T004, J002 and J003, combined.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information:
  - a. The types of petroleum liquids stored in the tank.
  - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
2. The permittee shall maintain monthly records of the following information for T002, T003, T005 and T006:
  - a. the amount (gallons) of Jet A Fuel throughput distributed to them by T004 (measured by a flow meter adjoining T004);
  - b. the amount of Jet A fuel loaded into them by J002 and/or J003;
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the rolling 12-month summation of Jet A fuel throughput from T004 and loaded from J002/J003, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall maintain monthly records of the following information for T003:
  - a. the amount (gallons) of Jet A Fuel throughput measured by a flow meter adjoining T004 (assuming all Jet A distributed by T004 goes to T003);
  - b. the amount (gallons) of Jet A Fuel loaded (assuming all Jet A loaded by J002 and/or J003 goes to T003);
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

**D. Reporting Requirements**

1. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the

Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.

2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12 month Jet A Fuel (usage) limitations and the rolling 12-month OC emissions from T002, T003, T005 and T006. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for T003. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### **E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:

- a. Compliance Limitation - T003

1.13 TPY OC

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.3. and shall be determined by entering the calendar year throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/year OC emissions rate, divided by 2,000 pounds per ton.

- b. Compliance Limitation - T002, T003, T005 and T006, combined  
1.13 tons OC/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2. and shall be determined by entering the rolling 12-month summations of monthly Jet A Fuel throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/rolling 12-month period OC emissions rate, divided by 2,000 pounds per ton.

- c. Usage Limitation - T002, T003, T005 and T006, combined  
300,000,000 gallons Jet A Fuel/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.c.

**F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Fixed Roof 840,000 Gallon Jet A Distribution Tank (South Fuel Farm-West)	OAC rule 3745-31-05	2.26 TPY
	OAC rule 3745-21-09(L)	exempt (see B.1)
	Synthetic Minor to Avoid PSD and Title V	See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.
2. The emissions of organic compounds from emissions units T002-T006 shall not exceed 2.26 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for emissions units T002-T006. Therefore, no monthly restrictions are being placed on T002-T006 for their first 12 months of operation following final issuance of this PTI.
3. T004 distributes 300,000,000 gallons to T002, T003, T005 and T006. Emission calculations shall be based upon 600,000,000 gallons (300,000,000 gallons into T004 and 300,000,000 gallons out of T004).

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information:
  - a. The types of petroleum liquids stored in the tank.
  - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
2. The permittee shall maintain monthly records of the following information for T004:
  - a. the amount (gallons) of Jet A Fuel throughput recorded by an adjoining flow meter;
  - b. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - c. the rolling 12-month summation of fuel usage, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall maintain monthly records of the following information for T004:
  - a. the amount (gallons) of Jet A Fuel throughput recorded by an adjoining flow meter;
  - b. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - c. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

**D. Reporting Requirements**

1. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12 month Jet A Fuel (usage) limitations and the rolling 12-month OC emissions from T004. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for T004. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### **E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:

- a. Compliance Limitation - T004

2.26 TPY OC

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.3. and shall be determined by entering the calendar year throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/year OC emissions rate, divided by 2,000 pounds per ton. The calendar TPY of OC emissions shall be doubled, accounting for the entrance and exit emissions associated with the throughput, for this distribution tank.

- b. Compliance Limitation - T004  
2.26 tons OC/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2. and shall be determined by entering the rolling 12-month summations of monthly Jet A Fuel throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/rolling 12-month period OC emissions rate, divided by 2,000 pounds per ton. Each TPY of rolling 12-month OC emissions shall be doubled, accounting for the entrance and exit emissions associated with the throughput, for this distribution tank.

- c. Usage Limitation - T004  
600,000,000 gallons (300,000,000 gallons in 300,000,000 gallons out) Jet A Fuel/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.c. The throughput recorded for T004 shall be doubled, accounting for the amount coming into this tank and the amount exiting it.

#### **F. Miscellaneous Requirements**

**Aviation Fuel, Inc**

PTI Application: **05-10145**

**February 16, 2000**

Facility ID: **0514010131**

Emissions Unit ID: **T004**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Fixed Roof 210,000 Gallon Jet A Storage Tank (North Fuel Farm-East)	OAC rule 3745-31-05	0.75 TPY
	OAC rule 3745-21-09(L)	exempt (see B.1)
	Synthetic Minor to avoid PSD and Title V	See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.
2. The emissions of organic compounds from emissions units T002, T003, T005 and T006 shall not exceed 1.13 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for these emissions units T002-T006. Therefore, no monthly restrictions are being placed on T002, T003, T005 and T006 for their first 12 months of operation following final issuance of this PTI.
3. AFI shall be limited to a potential throughput of 300,000,000 gallons through T002, T003, T005 and T006 distributed by T004, J002 and J003, combined.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
  - a. The types of petroleum liquids stored in the tank.
  - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
2. The permittee shall maintain monthly records of the following information for T002, T003, T005 and T006:
  - a. the amount (gallons) of Jet A Fuel throughput distributed to them by T004 (measured by a flow meter adjoining T004);
  - b. the amount of Jet A fuel loaded into them by J002 and/or J003;
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and ,
  - d. the rolling 12-month summation of Jet A fuel throughput from T004 and loaded from J002/J003, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall maintain monthly records of the following information for T005:
  - a. the amount (gallons) of Jet A Fuel throughput measured by a flow meter adjoining T004 (assuming all Jet A distributed by T004 goes to T005);
  - b. the amount (gallons) of Jet A Fuel loaded (assuming all Jet A loaded by J002 and/or J003 goes to T005);
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

### D. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall

notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.

2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12 month Jet A Fuel (usage) limitations and the rolling 12-month OC emissions from T002, T003, T005 and T006. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for T005. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### **E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:

- a. Compliance Limitation - T005

0.75 TPY OC

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.3. and shall be determined by entering the calendar year throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/year OC emissions rate, divided by 2,000 pounds per ton.

- b. Compliance Limitation - T002, T003, T005 and T006, combined  
1.13 tons OC/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2. and shall be determined by entering the rolling 12-month summations of monthly Jet A Fuel throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/rolling 12-month period OC emissions rate, divided by 2,000 pounds per ton.

- c. Usage Limitation - T002, T003, T005 and T006, combined  
300,000,000 gallons Jet A Fuel/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.c.

**F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Fixed Roof 210,000 Gallon Jet A Storage Tank (North Fuel Farm-West)	OAC rule 3745-31-05	0.75 TPY
	OAC rule 3745-21-09(L)	exempt (see B.1)
	Synthetic Minor to avoid PSD and Title V	See B.2. and B.3.

2. **Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a true vapor pressure greater than 1.52 pounds per square inch absolute, unless such tank is designed or equipped in accordance with the requirements of paragraph (L)(1) of OAC rule 3745-21-09.
2. The emissions of organic compounds from emissions units T002, T003, T005 and T006 shall not exceed 1.13 tons per year, based upon a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for these emissions units T002, T003, T005 and T006. Therefore, no monthly restrictions are being placed on T002-T006 for their first 12 months of operation following final issuance of this PTI.
3. AFI shall be limited to a potential throughput of 300,000,000 gallons through T002, T003, T005 and T006 distributed by T004, J002, and J003, combined.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
  - a. The types of petroleum liquids stored in the tank.
  - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
2. The permittee shall maintain monthly records of the following information for T002, T003, T005 and T006:
  - a. the amount (gallons) of Jet A Fuel throughput distributed to them by T004 (measured by a flow meter adjoining T004);
  - b. the amount of Jet A fuel loaded into them by J002 and/or J003;
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the rolling 12-month summation of Jet A fuel throughput from T004 and loaded from J002/J003, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall maintain monthly records of the following information for T006:
  - a. the amount (gallons) of Jet A Fuel throughput measured by a flow meter adjoining T004 (assuming all Jet A distributed by T004 goes to T006);
  - b. the amount (gallons) of Jet A Fuel loaded (assuming all Jet A loaded by J002 and/or J003 goes to T006);
  - c. the maximum local monthly average ambient temperature as reported by the National Weather Service; and,
  - d. the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI).

### D. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall

notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.

2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12 month Jet A Fuel (usage) limitations and the rolling 12-month OC emissions from T002, T003, T005 and T006. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for T006. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### **E. Testing Requirements**

1. Compliance with the emissions limitations in Term A.1. of Part II of these terms and conditions shall be determined in accordance with the following methods:

- a. Compliance Limitation - T006

0.75 TPY OC

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.3. and shall be determined by entering the calendar year throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/year OC emissions rate, divided by 2,000 pounds per ton.

- b. Compliance Limitation - T002, T003, T005 and T006, combined  
1.13 tons OC/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2. and shall be determined by entering the rolling 12-month summations of monthly Jet A Fuel throughput in TANKS Program 3.1 (or the most recent version, along with other data required by the TANKS Program) to obtain the lbs/rolling 12-month period OC emissions rate, divided by 2,000 pounds per ton.

- c. Usage Limitation - T002, T003, T005 and T006, combined  
300,000,000 gallons Jet A Fuel/rolling 12-month period

Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.b.

**F. Miscellaneous Requirements**

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S) [Continued]**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
gasoline dispensing facility consisting of:	OAC rule 3745-31-05	9.5 tons organic compounds (OC)/year
Unleaded/Aviation Gasoline Storage Tanks: 2-20,000 gallon underground storage tanks and 1-2,000 gallon aboveground storage tank	OAC rule 3745-21-09(R)	Stage I vapor control - 90% control efficiency for volatile organic compounds (VOCs), submerged fill
Not used for dispensing	Exempt per OAC rule 3745-31-03(4)(1)(L)(iii)	
Diesel/Jet A: 2-550 gallon aboveground storage tanks Diesel: 1-25,000 gallon aboveground storage tank	OAC rule 3745-21-07(D)(2)	Submerged fill (for 25,000 gallon AST) Splash fill (for 2-550 gallon ASTs)
	Synthetic Minor to avoid PSD and Title V	See B.2. and B.3.

**2. Additional Terms and Conditions**

- 2.a Compliance with Ohio Administrative Code (OAC) rule 3745-31-05 shall be demonstrated by compliance with the applicable OAC rules and the mass tons per year emissions limitation listed in Part II, term A.1.

**B. Operational Restrictions**

1. The permittee shall comply with the following operational restrictions for the Stage I vapor control system:
  - a. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.

- b. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.
  - c. There shall be no leaks in the vapor lines or liquid lines during the transfer of gasoline.
  - d. The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.
  - e. All fill caps shall be "in place" and clamped during normal storage conditions.
  - f. The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system which is employed to meet the requirements of paragraph (R)(1) of OAC rule 3745-21-09 when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.
2. The organic compound emissions from G001 shall not exceed 9.5 tons per year, based on a rolling 12-month summation of the monthly emissions. The permittee has maintained usage and emission records for emissions unit G001. Therefore, no monthly restrictions are being placed on G001 for its first 12 months of operation following final issuance of this PTI.
  3. G001's Unleaded/Aviation Gasoline throughput shall not exceed 1,459,635 gallons per year, based upon a rolling 12-month summation of the gallon usage figures, and its Diesel/Jet A Fuel and Used Oil throughput shall not exceed 3,000,000 gallons per year, based upon a rolling 12-month summation of the gallon usage figures.

### **C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
  - a. Date of inspection.
  - b. Findings (may indicate no leaks discovered or location, nature, and severity of each leak).
  - c. Leak determination method.
  - d. Corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days).
  - e. Inspector's name and signature.
2. The permittee shall maintain monthly records of the following information for G001:
  - a. the amount (gallons) of Unleaded/Aviation Gasoline throughput;

- b. the amount (gallons) of Jet A/Diesel Fuel and Used Oil throughput; and,
  - c. the rolling 12-month summation of throughputs, in gallons, and OC emissions rates, in tons (beginning the first full calendar month following final issuance of this PTI).
3. The permittee shall use the information collected in Term C.2. to determine the OC emissions during each calendar year (beginning the first full calendar month following final issuance of this PTI) for G001.

#### **D. Reporting Requirements**

1. Any leak from the vapor balance system or vapor control system that is not repaired within 15 days after identification shall be reported to the Director within 30 days after the repair is completed.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12 month gasoline and non-gasoline (Jet A/Diesel Fuels and Used Oil) limitations and the rolling 12-month OC emissions. These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).
3. The permittee shall submit, on an annual basis, reports that summarize the OC emissions during the calendar year for G001. These annual reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

#### **E. Testing Requirements**

1. Compliance with the annual organic compound (OC) emission limit in Section A.1. of these terms and conditions shall be calculated as the sum of the OC emissions from all gasoline storage tank filling and dispensing operations and, if applicable, diesel, kerosene, and used oil tank filling operations at the gasoline dispensing facility (unless otherwise exempted pursuant to OAC rule 3745-31-03). This calculation shall be based on the annual gasoline, diesel, kerosene, and used oil throughputs for the facility using the calculation and emission factors below.

- a. Emission Limitation:

9.5 tons OC/year.

- b. Applicable Compliance Method:

Multiply the appropriate emission factor below by the gallons of gasoline, diesel, kerosene, or used oil dispensed per year (refer to Term C.3.) and divide by 2000 lbs/ton. Repeat this calculation for each material dispensed at the facility and sum the results to yield the total annual OC emission rate.

(Emission rates (factors) are expressed in pounds (lbs) of organic compounds per 1000 gallons of gasoline throughput. Emission factors are for VOC as well as total organic compound (OC) emissions, because the methane and ethane content of gasoline is negligible.)

- i. Emission factors for gasoline storage tank filling and dispensing operations:
  - aa. Gasoline dispensing facility has submerged tank filling for gasoline storage tanks: OC emission factor = 20.0 lbs OC/1000 gallons.
  - ab. Gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks: OC emission factor = 13.0 lbs OC/1000 gallons.
  - ac. Gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks and Stage II vapor control for vehicle refueling: OC emission factor = 3.1 lbs OC/1000 gallons.

(Gasoline emission factors are from USEPA publication AP-42, Fifth Edition, Table 5.2-7)

- ii. Emission factors for diesel, kerosene, and used oil tank filling operations:
  - aa. Gasoline dispensing facility has submerged tank filling for diesel, kerosene, and used oil tank filling operations: OC emission factor = 0.027 lb OC/1000 gallons.

(This emission factor is the SCC emission factor for transfer operations from diesel storage tanks. It is assumed that the same emission factor applies to kerosene and used oil transfer operations.)

2. Compliance with the annual organic compound (OC) emission limit in Section A.1. of these terms and conditions shall be calculated as the sum of the OC emissions from all gasoline storage tank filling and dispensing operations and, if applicable, diesel, kerosene, and used oil tank filling operations at the gasoline dispensing facility (unless otherwise exempted pursuant to OAC rule 3745-31-03). This calculation shall be based on the annual gasoline, diesel, kerosene, and used oil throughputs for the facility using the calculation and emission factors below.

- a. Emission Limitation:

9.5 tons OC/rolling 12-month period.
- b. Applicable Compliance Method:

Multiply the appropriate emission factor below by the gallons of gasoline, diesel, kerosene, or used oil dispensed per year (refer to Term C.2.c., using the rolling 12-month summations of gasoline, diesel, kerosene, or used oil dispensed) and divide by 2000 lbs/ton. Repeat this calculation for each material dispensed at the facility and sum the results to yield the OC emission rate per rolling 12-month period.

(Emission rates (factors) are expressed in pounds (lbs) of organic compounds per 1000

gallons of gasoline throughput. Emission factors are for VOC as well as total organic compound (OC) emissions, because the methane and ethane content of gasoline is negligible.)

- i. Emission factors for gasoline storage tank filling and dispensing operations:
  - aa. Gasoline dispensing facility has submerged tank filling for gasoline storage tanks: OC emission factor = 20.0 lbs OC/1000 gallons.
  - ab. Gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks: OC emission factor = 13.0 lbs OC/1000 gallons.
  - ac. Gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks and Stage II vapor control for vehicle refueling: OC emission factor = 3.1 lbs OC/1000 gallons.

(Gasoline emission factors are from USEPA publication AP-42, Fifth Edition, Table 5.2-7)

- ii. Emission factors for diesel, kerosene, and used oil tank filling operations:
  - aa. Gasoline dispensing facility has submerged tank filling for diesel, kerosene, and used oil tank filling operations: OC emission factor = 0.027 lb OC/1000 gallons.

(This emission factor is the SCC emission factor for transfer operations from diesel storage tanks. It is assumed that the same emission factor applies to kerosene and used oil transfer operations.)

3. a. Usage Limitation - G001
  - i. Unleaded/Aviation Gasoline throughput shall not exceed 1,459,635 gallons as a rolling 12-month summation; and
  - ii. Diesel/Jet A Fuel and Used Oil throughput shall not exceed 3,000,000 gallons as a rolling 12-month summation.

#### Applicable Compliance Method

Compliance shall be based upon recordkeeping specified in C.2.

## F. Miscellaneous Requirements

This PTI supersedes any requirements contained within PTI 05-6674 for emissions units J002, T001 and T005-T008, as well as requirements contained within PTI 05-1285 for emissions units T002, T003, G001 and J001.