

**Plain Language Summary for New Source Review (NSR) Renewal / Amendment
Application for Air New Source Review Permit Number 56809**

The US Department of the Navy (CN600621155) has submitted an application for renewal of and amendment of permit number 56809. Surface Coating Operations at the Naval Air Station Joint Reserve Base Fort Worth (RN101224038) provides maintenance and upkeep of aircraft used in pilot and jet training at the installation, with mailing address 1215 Depot Avenue, Fort Worth, Texas, 76127, Tarrant County.

This renewal will authorize the continued operation of two existing paint spray booths. The amendment will authorize a new paint spray booth located in Building 1674, which will replace a demolished booth authorized by the existing permit. This booth will be used for minor touch-up coating operations as part of the maintenance process to prime and paint aircraft components associated with the Texas Air National Guard. The amendment is also authorizing an increase in emissions associated with open flightline surface coating operations due to an increase in activity. The US Department of the Navy has listed in the application the pollutants and amounts that will be emitted for the new operation, the requested increases, and combined emissions from the facility. Below is the current amount allowed, the amount to be added, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Deleted (tons per year)	Total Proposed Emissions (tons per year)
Volatile Organic Compound	5.94	+2.20	8.14
Exempt Solvent	2.28	+1.05	3.33
Particulate Matter	0.03	0.00	0.03
Individual Hazardous Air Pollutant	<10		<10
Total Hazardous Air Pollutant	<25		<25

The facilities being renewed are controlled by a single-stage particulate filter in the paint spray booth that captures particulates. The two existing booths and new booth sources are enclosed and parts painted are kept in the booths until completely dry to minimize particulates that escape into the air. There are no applicable booth controls that reduce volatile organic compounds (VOCs) or organic hazardous air pollutants (HAPs), but safer choice and green products in the Navy Authorized Use List are used when viable. The thinning of paint with solvents, unless part of a kit product, is minimal. The primary method of the control of VOC and HAP emissions is the control of the amount of paint sprayed at or applied on a target (i.e., complete aircraft or individual aircraft parts or assemblies). Spray equipment with high transfer efficiency, brushes, and rags minimizes the product that misses the target and is wasted, to minimize emission release. The new facility will be controlled by a single-stage particulate filter that captures particulates. VOC and HAP control methods of the new paint booth are the same as those listed for the facilities being renewed.