# **Aircraft Rescue & Fire Fighting**

SIC Codes	9224	Contact Information	
Primary Activity	Airport Rescue & Fire Fighting	Derrin Austin	Captain
Drainage Areas	6		
Nearest MS4 Inlet	< 200 ft.	daustin@sandiego.gov	
Address	3698 Pacific Hwy.	Josh Clark	Captain
	San Diego, CA 92102		
		jtclark@sandiego.gov	

#### **Facility Description and Activities**

1. Four fire fighting vehicles are stored and fueled indoors by Menzies.

2. Maintenance is done by Southern California Fleet Services in flat dirt parking lot area away from storm drains or within the ARFF station. All waste is taken off site by Inland Fire mechanics. Southern California Fleet Services brings in all maintenance equipment and fluids.

3. There are two storage areas outside the ARFF building. A shed in front of the ARFF houses the 3% foam, Purple K powder fire retardant and empty drums. A second container/shed holds tools and res.

4. Firefighting equipment testing is performed once a year on the North ramp. The foam system testing uses a No Foam System - directly connects to the trucks, bypassing the foam intake, and using only water to accomplish the same results with no foam waste on the ramp. Only water sprays on the ramp. Ocean Blue is contracted to collect all runoff from the exercise. They barricade all storm drains and ramp area to collect test water. They vacuum up all runoff and (and residual or accidental foams) for proper disposal. The nearest storm drain is connected to an oil/water separator that Ocean Blue blocks the end of and vacuums out if necessary.

5. Trucks are detailed using dry methods in the back parking lot. If washing is required, it is conducted at the Authority wash rack. Once per year the trucks are waxed by an outside vendor.

6. The AFFF is stored in two locations. One is stored in 11 - 55 gallon drums sitting on top of the drip/catch trays inside the storage shed. The other one is in an approximately 1000 gallon foam trailer outside and adjacent to the ARFF station. Originally, the foam trailer was stored full in the bay with the trucks (1000 gal, 3% foam concentrate). The foam trailer was moved outside to make space for ARFF vehicles and is surrounded with secondary containment.

7. Call station to reach all captains when needing to schedule a site visit.

8. ARFF are not responsible for equipment. It is all owned by the Airport Authority.

9. Airport Authority is responsible for storm drain cleaning and maintenance.

10. Flagship assists with the housekeeping of the ARFF facility.

11. Fleetwash washes the ARFF trucks.

### Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources	Potential Pollutants	
Building & Ground maintenance	Cleaning Solutions	
Drainage system maintenance	Degreasers (Citrus based)	
Equipment storage	Fertilizers	
Fire fighting equipment testing	Fire Fighting Foam	
Fluid leaks	Food Waste	
Fuel spills, Fuel transfer	Fuel	
Herbicide usage	Fuel (Gas)	
Outdoor waste storage	Landscape Wastes	
Pesticide usage	Metals	
Tank fuel transfer	Purple K	
Trash collection	Trash	
Vehicle parking		

## **Best Management Practices Applicable to Facility**

#### **Activities BMPs** Non-Storm Water Management SC01 - 1, 2, 3, 4, 8 Outdoor Equipment Ops Maintenance Areas SC02A - 1, 2 Aircraft, Ground Vehicle & Equipment Maintenance SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13 Aircraft, Ground Vehicle & Equipment Fueling SC03 - 1, 2, 4, 5, 6 Aircraft, Ground Vehicle & Equipment Cleaning SC04 - 1, 2, 3, 5, 6, 7 **Outdoor Material Storage** SC07 - 1, 2, 3, 7 Waste Handling & Disposal SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14 Building & Ground Maintenance SC09 - 1, 2, 3 **Employee Training** SC10 - 1, 2, 3, 4 Fire Fighting Foam Discharge SC13 - 1, 2, 3, 5 Parking Lots SC16 - 1, 2, 4, 5, 6, 11 Drainage System Maintenance SC17 - 2, 6 Housekeeping SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9 Safer/Alternative Products SC19 - 1, 2 Spill Prevention, Control & Clean Up SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

\* Appendix B provides descriptions for each BMP category.

