

Environmental Standard Operating Procedures (ESOP)	
Aircraft Washing (AWA)	
Environmental Affairs (EA): Water Resources (760) 830-7883	Revised: 1 October 2023

Subj: AIRCRAFT WASHING

Ref: (a) Wastewater Treatment Plant WDR Board Order R7-2020-0003

1. Purpose. This document provides environmental protection guidelines for operation, use, and management of aircraft wash racks and aircraft washing activities.

2. Application. This guidance applies to personnel working with or at aircraft washracks, aboard the Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms. For further references to MAGTFTC, MCAGCC in this document, the term installation will be used.

3. Procedures. Washing and cleaning is an essential element of aircraft and helicopter maintenance and is critical to the mission of the installation. However, wastewater from aircraft and helicopter washing is typically contaminated with sediment (sand, dirt, grit, mud, and similar materials) and oil/fuel. Sediment and oil/fuel can interfere with the performance of the installation wastewater collection and treatment systems subjecting the installation to regulatory violations. To prevent this, each washrack aboard the installation discharges to an oil/water separator (OWS) for removal of oil and sediment.

4. Operational Controls. The following controls apply:

a. Soaps, detergents, cleansers, degreasers, or solvents are prohibited from use on washracks unless specifically authorized in writing by EA, Water Resources Office (Attachment 1).

b. Approvals for the use of soaps, detergents, cleansers, degreasers, or solvents provided by EA, Water Resources Office are only good for the period specified and shall not exceed one year, requesters must obtain approval annually or at the end of the period specified.

c. Disposal or dumping of any materials or wastes such as oils, fuels, antifreeze, solvents, and paints are strictly prohibited.

d. Maintenance of any type is prohibited on wash racks, except those that have permanent overhead crane(s) at the washrack.

e. The parking or storage of vehicles, equipment, or aircraft on washrack is strictly prohibited unless they are being washed.

f. Refueling of equipment, vehicles, or aircraft on washracks is strictly prohibited.

g. All hoses must utilize an automatic shut off nozzle to prevent the constant free flow of water.

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h. Ensure high-pressure washers are used and maintained according to manufacturer's recommendations if applicable.

i. Washrack drains and catch basins shall be kept clean and clear of trash and debris.

j. Public Works Division shall be notified immediately of any leaks, drain blockage or other malfunctions. Maintain a copy of the PWD work request/number for follow up and records.

k. Contact EA Abatement Chief (760) 401-9841 in the event of a spill.

l. Weekly inspections shall be conducted and maintained on file for no less than three years. The enclosed check list may be used to satisfy this requirement.

m. If there are specific situations or other concerns not addressed by this procedure, contact EA, Water Resources Office (760) 830-7883.

5. Documentation and Record Keeping. The following records must be maintained:

a. Inspection and training records maintained on file for no less than three years.

b. Service or maintenance records and work request tracking information for washrack(s).

c. EA approval letters for the use of soaps, detergents, cleansers, degreasers, or solvents.

6. Training. All affected personnel must be trained in this document and the following:

a. General Environmental Awareness training.

b. OWS ESOP.

c. Abatement ESOP.

7. Emergency Preparedness and Response Procedures. Refer to the spill response procedures listed in the Abatement ESOP.

8. Inspection and Corrective Action. The Environmental Compliance Coordinator (ECC) shall ensure the designation of personnel to perform inspections. The ECC shall ensure immediate corrective action for deficiencies noted during weekly inspections. Actions taken to correct each deficiency shall be recorded on the weekly inspection sheet (including work request number(s)). Designated personnel shall conduct weekly inspections using this ESOP as guidance.



**UNITED STATES MARINE CORPS**  
MARINE AIR GROUND TASK FORCE TRAINING COMMAND  
MARINE CORPS AIR GROUND COMBAT CENTER  
BOX 788110  
TWENTYNINE PALMS, CALIFORNIA 92278-8100

CCO 5090.1H

From: \_\_\_\_\_  
To: Environmental Affairs (EA), Water Resources, Marine Corps Base, 29 Palms  
(Attn: Mr. Chris Elliott)

SUBJ: REQUEST FOR USE OF SOAPS OR DEGREASERS AT WASHRACKS

1. Soaps and degreasers are not allowed to be used on washrack unless written approval is given. Written approval is only good for up to one year and approval is on a case-by-case basis. Populate the information below and submit to Chris Elliott at [chris.elliott@usmc.mil](mailto:chris.elliott@usmc.mil) or 760-830-7883 to request the use of soaps or degreasers.

2. Use and operation of the washrack will be in accordance with CCO 5090.5D, Environmental Standard Operational Procedures (ESOP) and shall not cause any violation of the Wastewater Treatment Plant WDR Board Order R7-2020-0003.

UNIT NAME: \_\_\_\_\_

POINT OF CONTACT #1: \_\_\_\_\_ Phone: \_\_\_\_\_

POINT OF CONTACT #2: \_\_\_\_\_ Phone: \_\_\_\_\_

EVENT START DATE: \_\_\_\_\_ ENDING DATE: \_\_\_\_\_

NUMBER OF AIRCRAFTS BEING WASHED: \_\_\_\_\_

NUMBER OF DAYS WILL YOU WASH AIRCRAFTS: \_\_\_\_\_

PRINT NAME/RANK: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

\* SDS's of the material being used must be provided with this sheet to receive approval.

EA APPROVAL:

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

TIME PERIOD APPROVED (from-to): \_\_\_\_\_

ECC/Unit Inspection Checklist - Aircraft Washrack

Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments/Action
1. Is general housekeeping satisfactory (i.e., no ground discoloration or odors/chemical smell)?			
2. Is there evidence of unauthorized substance (i.e., detergents, solvents, antifreeze, etc.) present in the drains or catch basins?			
3. Are catch basins and drains free of sand, trash, and debris?			
4. Is there evidence of maintenance activities, aircraft and helicopter parking, and equipment storage on the washrack?			
5. Are all hoses equipped with a nozzle to prevent the constant free flow of water into the washrack?			
6. Are service calls, and maintenance work requests tracked and logged in a logbook?			
7. Are training and inspection records maintained and available for inspection?			
8. Are any equipment, vehicles, and aircraft parked on the washrack?			

Additional Comments:

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Corrective Action Taken:

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Unit Inspector:

Name: \_\_\_\_\_  
 Signature: \_\_\_\_\_