

Environmental Standard Operating Procedure			
Originating Office: MCAS Miramar Environmental Management Department	Revision: Original	Prepared By: Environmental Management Department	Approved By: William Moog
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Title: Aircraft Takeoff and Landing

1.0 PURPOSE

The purpose of this Standard Operating Procedure (SOP) is to provide environmental guidelines for aircraft takeoff and landing.

2.0 APPLICATION

This guidance applies to individuals who perform and/or manage aircraft takeoff and landings aboard Marine Corps Air Station (MCAS) Miramar.

3.0 REFERENCES

- 40 CFR 87 (Code of Federal Regulations)
- Clean Air Act

4.0 PROCEDURE

4.1 Discussion:

Aircraft takeoff and landing activities can potentially impact the environment if not properly managed. To ensure that regulations are being met while performing aircraft takeoff and landings, certain criteria must be followed to ensure that the environment and surrounding communities are not adversely impacted.

4.2 Operational Controls:

Each section/unit at MCAS Miramar who performs aircraft takeoff and landings will ensure that **all** environmental guidelines are met.

The following procedures apply:

1. Perform visual check before takeoff and landing to ensure there are no leaks of fuel or hydraulic liquids.
2. Perform visual check before takeoff and landing to ensure no threats are posed to any live animals or

natural resources.

3. Check with your local Environmental Compliance Coordinator (ECC) office to ensure the area where takeoff and landings are planned will be accessible via established routes.
4. Ensure that fugitive dust controls are maintained prior to takeoffs (e.g., wetting down takeoff and landing area).
5. Ensure that visible emissions rules are not violated per SDAPCD Rule 19.3.
6. Ensure that audible noise nuisance is kept to a minimum and does not violate SDAPCD Rule 51.

4.3 Documentation and Record Keeping:

No known records at this time must be maintained per environmental regulatory drivers. Please check with your unit supervisor to see if any internal documentation is required.

4.4 Training:

All affected personnel must be trained in this Standard Operating Procedure and the following:

1. Hazard Communication training.
2. General Environmental Awareness training.

4.5 Emergency Response Procedures:

Call 9-1-1.

Inspection and Corrective Action:

The Environmental Compliance Coordinator (ECC) shall designate personnel to perform inspections. The ECC shall ensure deficiencies noted during the inspections are corrected immediately. Actions taken to correct each deficiency shall be recorded on the inspection sheet. Designated personnel shall conduct inspections.

Aircraft Takeoff and Landing – Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments
1. Are all noise levels that create a nuisance to the surrounding environment being maintained or controlled? <i>(SPAPCD Rule 51)</i>			
2. Is all fugitive dust that may pose a threat to the surrounding environment maintained or controlled? <i>(SDAPCD Rule 19.3)</i>			
3. Are inspection and training records maintained and available for inspection? <i>(MCO P5090.2A 9104.1(k)(5) - inspection only)</i>			

ADDITIONAL COMMENTS:

CORRECTIVE ACTION TAKEN:

Environmental Compliance Coordinator

Name: _____

Signature: _____

Date: _____