



STATE OF HAWAII
DEPARTMENT OF HEALTH

P.O. Box 3378
HONOLULU, HAWAII 96801-3378

July 25, 2012

In reply, please refer to:
File:

12-607M&A CAB

Captain D.R. George
Director
Environmental Compliance and
Protection Department
U.S. Marine Corps
Marine Corps Base Hawaii
Box 63002 Kaneohe Bay
Kaneohe, Hawaii 96863-3002

Dear Captain George:

SUBJECT: Approval to Burn at "Kaneohe Bay Air Show"

The Department of Health (DOH), Clean Air Branch, received your letter requesting approval to conduct special effects displays to simulate bomb blasts and fires at the "Kaneohe Bay Air Show" on September 29 and 30, 2012 at the Marine Corps Base (MCB) Hawaii. The DOH regulates air pollution related activities such as smoke from open burning. Since the fires, simulations, and smoke are of short duration and controlled, the impact on the air quality should be minimal. It has been determined that no permits from DOH will be required for the air show activities.

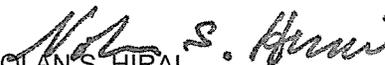
Hawaii Administrative Rules, Section 11-60.1-52(a), prohibits open burning. Exceptions may be allowed under §11-60.1-52(d)(3), HAR, other fires as approved by the Director. The DOH grants approval for this request pursuant to §11-60.1-52(d)(3), HAR.

As part of the approval, the following conditions shall be observed:

1. This approval shall only be allowed from September 24 through 30, 2012 to conduct special effects display fires during the Kaneohe Bay Air Show located at MCB;
2. The commanding officer and staff shall be responsible for the health and safety of staff and all guests attending the show;
3. Notify the Clean Air Branch (CAB) at 586-4200 should there be any changes to the schedule;
4. Provide the CAB with the name and telephone number of the person whom we should contact if any questions or problems arise during the practice sessions or the live air show; and
5. A copy of this approval letter shall be available at the burn location during the show.

If you have any questions or need further assistance, please contact Ms. Lisa Young of my staff at 586-4200.

Sincerely,


NOLAN S. HIRAI
Acting Manager, Clean Air Branch

LY:rkb

Enclosure

- c: William Cooper, Deputy Attorney General, State of Hawaii
Fire Communication Center, 650 S. King Street, Basement, Honolulu, HI 96813
Honolulu Police Department, Communications Division,
801 South Beretania Street, Honolulu, HI 96813
- bc: Oahu Monitoring Section by e-mail (SK, JY, RH, GW, CP)
Jill Stensrud, Supervisor, Clean Air Branch by e-mail

CATEGORICAL EXCLUSION APPLICATION

PROJECT TITLE: Marine Corps Base Hawaii presents the Kaneohe Bay Air Show 2012

INSTALLATION: MARINE CORPS BASE HAWAII

PREPARED BY: Major Solberg/Air Show Director/MCBH O&T/257-7723

This environmental review was prepared per MCO P5090.2A and the National Environmental Policy Act of 1969, implemented by the Council on Environmental Quality (CEQ) Regulations 40 CFR Parts 1500 to 1508.

1. Action Description (provide dimensions, depth of ground disturbance, etc. with attached plan drawings/site maps):
 - a) Blue Angels along with 7 civilian acts and 5 Military acts including a MAGTF demonstration will have 3 performances and 2 practice sessions over MCBH and surrounding waters from Arrival on 24 Sep 2012 to the completion of the show on 30 September 2012.
 - b) To ensure spectator safety, an artificial show line will be installed 1200 ft to the west of show line and 800 ft west of Runway 22 centerline. The artificial show line will be constructed by hand-clearing brush where needed, and rolling out white plastic sheets to cover an area 5000 ft long X 50 ft wide (shown as white line on fig. 1). The plastic sheet will be secured by sandbags.
 - c) Special effects (FX) to simulate bomb blasts and fires will be accomplished by detonating TNT and igniting ⁴⁰⁰⁰ ~~1200~~ gal MOGAS of which are listed on the attachment. Special effects will be done during the show and practice sessions. The FX will be above ground demolition for MAGTF demonstration. They will be located on MCB Hawaii Marine Corps Air Station Kaneohe Bay in the section of land between the runway and the parallel taxiway. (Shown in fig. ~~21~~ ~~between the white and orange lines at 200 ft~~ ~~either side of air show center annotated by the Blue circle~~ Special Effects to include above ground demolition for MAGTF demonstration. Bleachers will be located IAW enclosure.

2. Existing Environment (brief description of project site, e.g. steep, brush-covered hillside/level grass lawn adjacent to Building 216):

Area is an active airfield facility in continuous use. Runways and taxiways are maintained. Area between runways is moderately vegetated with grass and weeds on level ground.

3. This is a Categorically Excluded action that does not, under normal circumstances, significantly affect the quality of the human environment. The applicable Categorical Exclusion(s) is/are as follows (exclusion number and verbatim text from MCO P5090.2A):

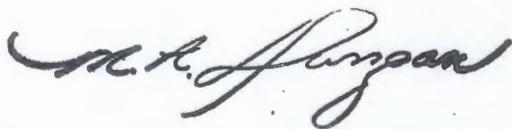
Exclusion # 24. Hosting or participating in public events (e.g. air shows, open houses, Earth Day events, and athletic events) where no permanent changes to existing infrastructure (e.g. road systems, parking and sanitation systems) are required to accommodate all aspects of the event.

4. Upon consideration of potential impacts on the environment, it is determined that the proposed action:

- a) Will not result in emissions to the atmosphere from combustion of fossil fuels, or generate fugitive dust.
- b) Will not involve demolition work or removal of lead-based paint or asbestos.
- c) Will not result in clear grading of more than 1 acre.
- d) Will not require dewatering.
- e) Will not be located in a 100-year floodplain/velocity wave (tsunami) inundation zone.
- f) Will not be located in or adjacent to a wetland.
- g) Will not be located in a wildlife management area.
- h) Will not be located in an archaeologically sensitive zone.
- i) Will not involve structures more than 50 years old.
- j) Will not be located in a known potential hazard area i.e. ESQD arc, electromagnetic radiation field, airfield clear zone, aircraft accident potential zone, or munitions range SDZ.
- k) Will not generate hazards (e.g. explosive arcs, flammable fuels, toxic chemicals/hazardous materials, electromagnetic radiation).

- l) Will generate noise exceeding DOD, DOH, HUD/OSHA maximum allowable noise level criteria (70dbA industrial areas/55dbA residential).
- m) Will not be located within an Installation Restoration Program (IRP) site.
- n) Will not create visual impacts i.e. construction of large or tall structures visible from off base.
- o) Will not require use of utilities (e.g. municipal water sources, electricity) beyond existing capacity.
- p) Will not increase area traffic or alter existing traffic patterns.
- q) Will not create effects that when combined with the effects of recently completed, ongoing, or reasonably foreseeable future actions in the same area, have a cumulative impact on the environment (e.g. storm-water runoff from impervious surfaces).

5. Based on the above environmental review, it is concluded that the effects of the proposed action on the human environment are so minimal that an Environmental Assessment is not required. This document will be submitted to the Base Environmental Department for review and concurrence before the action is implemented.



Department Head/Unit Commander (Proponent)
or designated representative