



**DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION**

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June 22, 2020

VIA Email

In reply, refer to: NASA_2020_1206_001

Mr. Jonathan Ikan
Center Cultural Resources Manager
NASA Ames Research Center
Mail Stop 213-8
Moffett Field, CA 94035

Subject: Hangar 1 Rehabilitation, NASA Ames Research Center

Dear Mr. Ikan:

The California State Historic Preservation Officer (SHPO) has received correspondence from NASA the December 5, 2019, letter initiating consultation regarding an undertaking at NASA Ames Research Center (ARC), as well as subsequent letters regarding Phase I (dated April 13, 2020) and Phase II (dated May 19, 2020). NASA is consulting with the State Historic Preservation Officer (SHPO) to comply with Section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. §306108), as amended, and its implementing regulations at 36 CFR Part 800. In addition to these consultation documents, the lessee of Hangar 1, Planetary Ventures, LLC, submitted documents for review under the Historic Preservation Tax Credit program for the same undertaking.

Along with the December 5, 2019, letter, NASA sent a map illustrating the Area of Potential Effects (APE). With the April 13, 2020, letter, NASA sent a report entitled "Hangar 1: Phase I Rehabilitation (Abatement) Section 106 Technical Report" prepared by Historic Resources Group and dated April 13, 2020. With the May 19, 2020, letter, NASA sent a report entitled "Hangar 1: Phase II Rehabilitation Section 106 Technical Report" prepared by Levin & Associates Architects and Historic Resources Group and dated May 14, 2020.

In a letter dated June 6, 2020, the SHPO responded to these two phases of the undertaking, stating that the SHPO would review and comment on Phase I and II submissions at the same time.

The undertaking, as described, would be implemented in two phases. The first phase consists of the removal of the PCB- and lead-impacted paint coating on the existing superstructure by media blasting the exposed steel elements of the structure, applying

liquid paint stripping chemicals to the concrete elements of the structure, and using limited manual scraping, as necessary. Through testing, NASA determined that media blasting the steel and chemical stripping the concrete would be the most effective methods in remediating the contaminated materials, and that grit blasting is consistent with the Secretary of the Interior's Standards the Treatment of Historic Properties, Rehabilitation Standard, for the removal of hazardous and other materials from hard metals. No ground disturbance would occur during Phase I.

Phase II of the undertaking consists of installation of a metal skin, glazing systems, and roofing system to ensure that the hangar is enclosed and that past performance issues are addressed. NASA designed these features to recreate the appearance of the original features and materials of Hangar 1 and to comply with the Secretary of the Interior's Standards for Rehabilitation.

NASA defined the Area of Potential Effects (APE) for the undertaking is the property line boundary of the NASA Ames Research Center. Historic properties within the APE include the NRHP-designated United States Naval Air Station, Sunnyvale Historic District; the 2013 extended NAS Sunnyvale Historic District boundary, which includes the Moffett Federal Airfield; the NRHP-designated Ames Wind Tunnel Historic District; the Unitary Plan Wind Tunnel, which was designated a National Historic Landmark in 1985; and the Arc Jet Complex and Flight and Guidance Simulation Laboratory.

Based upon the findings in the technical reports prepared for this undertaking, NASA proposes a Finding of No Adverse Effect for Phases I and II of the undertaking. After reviewing the information submitted, the SHPO offers the following comments.

- The two phases of rehabilitation of Hangar 1 qualify as an undertaking with the potential to affect historic properties.
- The APE is sufficient to take direct and indirect effects of the undertaking on historic properties into account.
- Identification and evaluation efforts are sufficient.
- Based upon the information submitted, the SHPO has no objection to the proposed Finding of No Adverse Effect for this undertaking as described.
- Please be advised that under certain circumstances, such as unanticipated discovery or a change in project description, NASA may have additional future responsibilities for this undertaking under 36 CFR Part 800.

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If you have any questions or concerns, please contact Mark Beason, State Historian, at (916) 445-4047 or mark.beason@parks.ca.gov.

Sincerely,

A handwritten signature in blue ink, consisting of a stylized 'J' followed by a horizontal line extending to the right.

Julianne Polanco
State Historic Preservation Officer