



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

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August 11, 2025

VIA Email

In reply, refer to: NASA_2025_0627_001

Trina Meiser
Cultural Resources Manager
NASA Ames Research Center
Mail Stop 213-8
Moffett Field, CA 94035

Subject: Building N-211 New Composite Oven Process Equipment Infrastructure
Project, NASA Ames Research Center, Moffett Field, Santa Clara County

Dear Ms. Meiser:

The California State Historic Preservation Officer (SHPO) has received the letter dated June 27, 2025, initiating consultation regarding an undertaking at NASA Ames Research Center (ARC). 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. Along with the letter, NASA submitted project figures, drawings, and photographs.

The proposed undertaking, as described, involves installing new composite oven process equipment in Building N-211, which is a hangar / shop building located on King Road and the airfield apron on the Ames Campus. The project will require some building modification and additional equipment to be installed inside and outside the building. Interior work will include installation of the oven system and support infrastructure, which will require anchoring to the floor (up to ¾" holes). A free-standing enclosure and fencing will surround the oven equipment. Other equipment and furniture will include typical shop tools and large pallet racks for storage. An emergency eye wash and shower station, and ductwork and electrical box support structures will be installed adjacent to the oven enclosure. New piping and ductwork connected to the oven enclosure will continue outside the building through two existing window openings in the first story to new exterior exhaust stack and compressed air equipment.

Exterior work will include installation of the exhaust stack with an exhaust fan and other equipment along the north wall of the building. Two window sections will be modified to accommodate the 26" duct and other conduits. The exhaust ductwork will exit the window opening, extend east to the northeast, then dip down to the base of

a vertical stack on a support structure with an exhaust blower mounted on a newly poured concrete service pad at the northeast corner of the building. The ductwork will be strapped to six brackets attached with anchor bolts to the concrete band above the windows. The new concrete pad will be approximately 3' by 5' and extend up to 9" below grade and will replace existing pavement. The vertical stack will extend up the solid face of the north side of the concrete pier and 10' above the top of the pier. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

NASA identified an Area of Potential Effects (APE) for the undertaking that overlaps the proposed National Advisory Committee for Aeronautics (NACA) Ames Historic District and accounts for potential indirect effects on the entire district but does not include the district boundary because of the project's relative scale to the district. Minimal below-grade activities for this project consist of removing existing pavement and grading to install a new concrete pad up to 9" below grade. The APE was defined as the limits of staging and construction for the undertaking.

For the purposes of this undertaking, the NACA Ames Historic District is assumed eligible for listing in the National Register of Historic Places (NRHP) under Criteria A and C with a period of significance from 1939 to 1958. The preliminary results of a survey of the potential NACA historic district have identified Building N-211 as a contributor to the district based on its associations with aeronautical research and its Streamline Moderne characteristics.

The project involves minimal ground disturbance limited to an area disturbed by previous grading and covered with pavement. The project area is also located in an area of low archaeological sensitivity; therefore, no potential effects on archaeological resources are anticipated.

Based upon this analysis, NASA proposes a Finding of No Adverse Effect. After reviewing the information submitted, the SHPO offers the following comments.

- The SHPO agrees that this project qualifies as an undertaking with the potential to affect historic properties.
- Identification and evaluation efforts are sufficient for this consultation, including the proposal to treat Building N-211 as eligible for listing in the NRHP.
- The SHPO has no objection to the proposed Finding of No Adverse Effect.
- 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 there are any questions or concerns, please contact State Historian Mark Beason, at (916) 503-8599 or mark.beason@parks.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to be 'JP' followed by a horizontal line.

Julianne Polanco
State Historic Preservation Officer