



**ARMSTRONG  
FLIGHT RESEARCH  
CENTER POLICY  
DIRECTIVE (AFPD)**

**AFPD-8820.2-001, Rev B-1, Revalidation  
Effective Date: August 19, 2025**

**Expiration Date: August 19, 2030**

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**Compliance is mandatory.**

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**SUBJECT:** **Construction Safety**

**RESPONSIBLE OFFICE:** **Facilities Engineering, Maintenance & Operations Branch**

**1. POLICY**

- a. It is the policy of Armstrong Flight Research Center (AFRC) (hereinafter referred to as "Center"), in Edwards, California, to execute construction-related work through safe and effective operations that curtail risk to personnel, real property, and collateral equipment. No construction-related work performed on or in a Center facility, regardless of its complexity, will be implemented in a way that would compromise the safety of any person.
- b. This directive established policy that all proposed construction-related work assignments, work orders, contracts, subcontracts, task orders, change orders, or credit card orders initiated to perform alterations and/or repairs on a facility configuration will be submitted to Facilities Engineering, Maintenance & Operations Branch for consultation and approval prior to initiating the order.
- c. This directive established policy that task orders, invitations for bids, requests for proposal, or contract modification requests for construction-related work to be performed by personnel other than Facilities Engineering, Maintenance & Operations Branch will be signed by the Facilities Engineering, Maintenance & Operations Branch Chief or designee, as well as the Institutional Safety Branch Chief or designee. Planning, design, construction, activation, and disposal work performed by Facilities Engineering, Maintenance & Operations Branch will be reviewed per protocols described in Armstrong Flight Research Center Operational Procedure (AFOP)-8820.2-001, Facility Modification and Construction Work.
- d. This policy exists to prevent construction accidents, including injury prevention to National Aeronautics and Space Administration (NASA) employees, contractors, and the public, and prevent damage to real and personal property.
- e. If the policy is not followed, personal hardships, loss of work, reduced productivity, poor employee morale, and increased cost to NASA, support contractors, and construction contractors will ensue.

**2. APPLICABILITY**

- a. This directive is applicable to the Center and all employees, including contractors to the extent required by contract, who request these activities as well as those who implement them.

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- b. In this directive, all mandatory actions (i.e., requirements) are denoted by statements containing the term "shall." The term "may" denotes a discretionary privilege or permission, "can" denotes statements of possibility or capability, "should" denotes a good practice and is recommended, but not required, "will" denotes expected outcome, and "are/is" denotes descriptive material.
- c. In this directive, all document citations are assumed to be the latest version unless otherwise noted.

### **3. AUTHORITY**

- a. NASA Policy Directive 8820.2, Design and Construction of Facilities
- b. NASA Procedural Requirement (NPR) 8820.2, Facility Project Requirements (FPR)
- c. NPR 8831.2, Facilities Maintenance and Operations Management
- d. NPR 8715.3, Requesting Relief from Agency Mission Assurance Requirements

### **4. APPLICABLE DOCUMENTS AND FORMS**

- a. 29 Code of Federal Regulations (CFR) Part 1910, Occupational Safety and Health Standards
- b. 29 CFR Part 1926, Safety and Health Regulations for Construction
- c. AFPD-8700.1-001, Organizational & Individual Safety Responsibilities
- d. AFOP-8820.2-001, Facility Modification and Construction Work

### **5. RESPONSIBILITY**

- a. The Facilities Engineering, Maintenance & Operations Branch Chief shall ensure a commitment to construction safety by employing systems and processes that ensure the safety of the assets, employees, and public; set a goal of zero safety incidents; and ensure that the Center construction safety specification section, AFRC Safety Requirements, is current. These requirements are located at [220 \(Strategic Infrastructure Division\) - 02 - AFRC CONSTRUCTION SAFETY SPECIFICATION \(Update with Centerwide Concurrence\) - All Documents](#). For questions relating to the Center construction safety program and this document, contact the Facilities Engineering, Maintenance & Operations Branch Chief.
- b. The Facilities Engineering, Maintenance & Operations Branch project managers, operations specialists, and leads, who serve as Contracting Officer Representatives (COR), shall ensure the Center construction safety specification section, AFRC Safety Requirements, is included in all construction contracts, safety requirements are adhered to, construction documents meet current program requirements and comply with current codes, and approve/disapprove all construction safety related contractor submittals including Accident Prevention Plans (APP),

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work plans, and Activity Hazard Analyses (AHA). For questions relating to individual construction contract safety issues/requirements, contact the assigned project manager, operations specialist, and/or lead. The list of assignments can be obtained by contacting the Facilities Engineering, Maintenance & Operations Branch Chief.

- c. The Safety & Mission Assurance Directorate shall conduct independent reviews to ensure construction documents meet current program requirements and comply with current codes and standards, provide oversight of the construction safety program, and ensure that the Center construction safety specification section, AFRC Safety Requirements, is independently reviewed. For questions relating to safety program requirements, contact the Safety & Mission Assurance Director.
- d. The Office of Procurement shall ensure the Center construction safety specification section, AFRC Safety Requirements, is included in all construction contracts, the contractor's APP is approved prior to commencement of construction work on site and enforce safety requirements.

## **6. DELEGATION OF AUTHORITY**

AFPD-8700.1-001, Organizational & Individual Safety Responsibilities delegates responsibility for assigned construction safety to Facility Project Managers.

## **7. MEASUREMENT/VERIFICATION**

Compliance as required by AFOP-8820.2-001, Facility Modification and Construction Work.

## **8. CANCELLATION**

AFPD-8820.2-001B-1, Construction Safety, dated June 10, 2021

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/s/Bradley C. Flick, Center Director

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**Attachment A: Acronyms**

AFOP Armstrong Flight Research Center Operational Procedure

AFPD Armstrong Flight Research Center Policy Directive

AFRC Armstrong Flight Research Center

AHA Activity Hazard Analyses

APP Accident Prevention Plans

CFR Code of Federal Regulations

COR Contracting Officer Representatives

NASA National Aeronautics and Space Administration

NPR NASA Procedural Requirement

**Attachment B, Requirement Verification Matrix**

PARAGRAPH	REQUIREMENT	COMPLIANT	NON-COMPLIANT
5, a	The Facilities Engineering, Maintenance & Operations Branch Chief shall ensure a commitment to construction safety by employing systems and processes that ensure the safety of the assets, employees, and public; set a goal of zero safety incidents; and ensure that the Center construction safety specification section, AFRC Safety Requirements, is current.	<input type="checkbox"/>	<input type="checkbox"/>
5, b	The Facilities Engineering, Maintenance & Operations Branch project managers, operations specialists, and leads, who serve as Contracting Officer Representatives (COR), shall ensure the Center construction safety specification section, AFRC Safety Requirements, is included in all construction contracts, safety requirements are adhered to, construction documents meet current program requirements and comply with current codes, and approve/disapprove all construction safety related contractor submittals including Accident Prevention Plans (APP), work plans, and Activity Hazard Analyses (AHA).	<input type="checkbox"/>	<input type="checkbox"/>
5, c	The Safety & Mission Assurance Directorate shall conduct independent reviews to ensure construction documents meet current program requirements and comply with current codes and standards, provide oversight of the construction safety program, and ensure that the Center construction safety specification section, AFRC Safety Requirements, is independently reviewed.	<input type="checkbox"/>	<input type="checkbox"/>
5, d	The Office of Procurement shall ensure the Center construction safety specification section, AFRC	<input type="checkbox"/>	<input type="checkbox"/>

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	<p>Safety Requirements, is included in all construction contracts, the contractor's APP is approved prior to commencement of construction work on site and enforce safety requirements.</p>		
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## Change Log

### Baseline, 06-15-10

#### Admin Change Baseline-1, 08-02-10

- Formatted to comply with Agency standards. The content did not change.

#### Admin Change Baseline-2, 10-08-10

- Pages 1, 4: Moved documents not cited in DPD from Applicable Documents section to Reference Documents in Attachment B

#### Admin Change Baseline-3, 03-08-12

- Added missing Attachment A to document.

#### Admin Change Baseline-4, 04-30-14

- Updated to reflect name change of Dryden to Armstrong.
- Replaced Attachment A.

#### Admin Change Baseline-5, 05-05-14

- Attachment A:
  - Updated the note preceding the attachment.
  - Removed extra page.

### Revision A, 08-18-15

- Throughout: Changed alluses of "shall" to "will".
- Added Safety Office review and comment requirement to match NPR 8820.2.
- Removed former attachment A, Armstrong Safety Requirements, and inserted link to the document.
- Moved measurement description to DCP-F-001.

### Revision A-1, 06-27-17

- Admin change
- Revision A to Revision A-1
- DPD-8820.2-001 renumbered in accordance with Center instruction.

### Revision A-2, 06-05-18

- Admin change
- Updated document numbers, organizational codes, and organizational titles to new designations
- Replaced "a. Refer to DCP-F-001" from Section 7. MEASUREMENTS, with "None."

### Revision A-3, 06-08-18

- Admin change
- Updated organizational designations.
- Replaced "a. Refer to DCP-F-001" from Section 7. MEASUREMENTS, with "AFOP-8820.1-001."

### Revision B, 10-06-20

- Updated sections throughout.

#### Admin Change B-1, 06-10-21

- Added Verification Matrix

### Revision B-1, Revalidation, 08-19-25

- Updated owning branch name
- Minor changes throughout

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