DEPARTMENT OF THE ARMY
ASSISTANT SECRETARY OF THE ARMY
INSTALLATIONS, ENERGY AND ENVIRONMENT
110 ARMY PENTAGON
WASHINGTON DC 20310-0110

SAIE-ZA (420) 31 July 2026

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Facility Construction Policy Implementing Installation Resilience through Industrialized Construction (IC) Methodologies

1. References:

a. Assistant Secretary of the Army for Installations, Energy, & Environment Action Memo, (ASA (IE&E)) Transformation Plan, 16 March 2026

b. Deputy Under Secretary of War for Acquisition and Sustainment, Memorandum, Subject: Accelerating Delivery of Infrastructure to the War Fighter, 28 April 2026

c. DoD Instruction 4165.56, Relocatable Facilities, 23 June 2022

d. Army Regulation 420-1, Chapter 4 Army Military Construction and NonAppropriated-Funded Construction Program Development and Execution, 12 February 2008

e. Assistant Secretary of the Army for Installations, Energy, & Environment Memorandum - Transforming and Modernizing Army Military Construction (MILCON), 12 June 2026

f. DoD 7000.14-R, Department of Defense Financial Management Regulation

2. Purpose. This memorandum establishes Department of the Army policy directing the adoption of installation resilience through Industrialized Construction (IC) by leveraging alternative construction methods. The intent is to accelerate the delivery of critical infrastructure, reduce initial capital costs, and increase the flexibility of the Army's real property portfolio to meet rapidly evolving warfighter requirements.

3. Background & Strategic Intent. In accordance with the ASA (IE&E) Transformation Plan (Reference 1.a.), the Army must fundamentally change how it plans, designs, and builds facilities. Traditional design-bid-build processes and on-site construction methods are too slow and costly to keep pace with modern operational requirements. The Army's goal is to transition to modern industrialized construction methodologies to deliver facilities 50% faster and at a 30% lower cost, significantly reducing life cycle and construction costs.

a. Volumetric Modular Construction: Off-site manufactured units assembled on-site.

b. Kit of Parts (Panelized)/Pre-Cast Systems: Prefabricated components and assemblies designed for a specific building that are brought to a site and assembled.

c. Pre-Engineered Metal Buildings (PEMB): Standardized, scalable steel structures.

d. Tension Fabric Structures (TFS): Rapidly deployed aluminum or steel-framed fabric structures.

e. Additive Manufacturing (3D Printing): On-site automated construction.

4. Justification For Shorter Facility Lifespan. Historically, Army facilities have been engineered for 50-year lifespans, often becoming functionally obsolete before structurally deficient. Moving forward, facilities will be designed to optimize an approximately 25-year lifespan. This provides strategic agility to align with supported platforms and enables rapid recapitalization by allowing structures to be repurposed or relocated as missions change.

5. Directed Alternative Construction Means and Methods. Effective immediately, the following facility types will utilize the specified alternative construction means and methods as the primary standard for all new construction and major recapitalization projects:

a. Aircraft Hangars: Tension Fabric Structures (TFS). TFS provides adequate environmental protection and clear-span workspace and is erected in a fraction of the time compared to traditional brick-and-mortar hangars.

b. Maintenance Facilities: Pre-Engineered Metal Buildings (PEMB) or Panelized Steel Structures. This provides necessary heavy-duty structural support for overhead cranes while standardizing procurement and accelerating erection times.

c. Barracks, Child Development Centers, Kennels, and other Repeatable Buildings: Volumetric Modular Construction, Kit of Parts, or 3D Printed Structures. These methods offer higher off-site quality control, improve thermal performance, and drastically reduce the time Soldiers wait for new facilities.

6. Implementation. The Deputy Assistant Secretary of the Army for Installations, Housing and Partnerships (DASA IHP) is hereby delegated authority to review and approve requests to deviate from the directed alternative construction means and methods based on specific operational requirements or life cycle cost analysis demonstrating savings.

7. Subject To Applicable Law and Policy. This policy is subject to, and shall be implemented in accordance with above references in paragraph 1 and other applicable law and policy.

8. The point of contact for this memorandum is Assistant for Facility Investments at 703-693-9919 / usarmy.pentagon.hqda-asa-iee.mbx.dasa-ihp@army.mil.

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