

WELCOME!

Our Meeting Will Begin Just After 1130
(Please keep your audio muted to begin meeting)



San Diego Post



San Diego Post



Joint Strike Fighter – Facilities Program

<http://www.same.org/San-Diego>

Virtual Conference Rules of Engagement

- **Please mute your microphones during the meeting!**
- View functions (located in top right corner):
 - Speaker view
 - Gallery view
- Use Speaker View during presentation
- Submit questions via the Zoom Chat Function





Agenda

1130 – 1145: Welcome, Pledge of Allegiance, & Introductions

1145 – 1210: Remarks by Mr. Jerry Dunaway, Joint Strike Fighter Facilities
Program Manager

1210 – 1225: Question & Answer

1225 – 1230: Meeting Closeout

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Pledge of Allegiance



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Mr. Jerry Dunaway

Joint Strike Fighter Facilities Program Manager

- Manages \$2B MILCON program supporting F-35 JSF for Naval Facilities Engineering Systems Command Southwest
- Enjoys competitive sailing, mountain biking, off-roading, snowboarding, golf, tennis, and raising two sons with his wife, Jennifer
- BS in Civil/Environmental Engineering – California Polytechnic University Pomona; MBA – San Diego State
- California registered Professional Engineer (Civil)





F-35 Lightning II Joint Strike Fighter (JSF) *NAVFAC's Role in Support of West Coast Beddown*

Jerry Dunaway, F-35 MILCON Program Manager

Society of American Military Engineers

San Diego Post

12 January 2022

The views presented are those of the speaker and do not necessarily represent the views of DoD or its Components



F-35 Lightning II





F-35 Variants Overview



F-35A

**Air Force IOC
August 2016**



**Marine Corps IOC
July 2015**



F-35B

F-35C

**Navy IOC
February 2019**

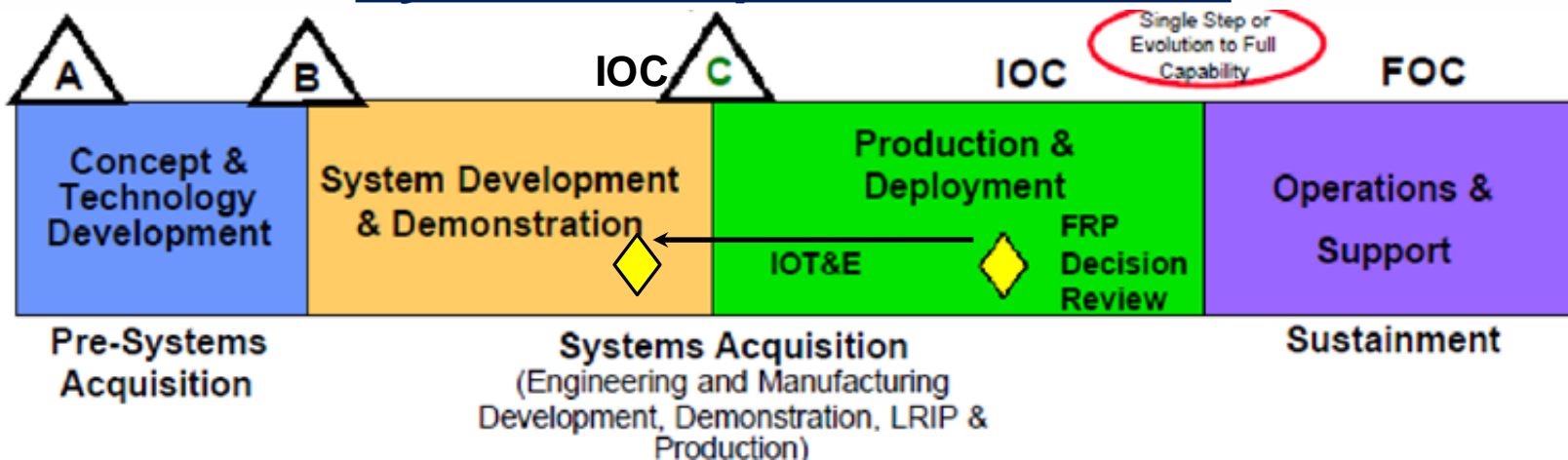




Systems Development & Demonstration versus MILCON Development



Systems Acquisition Process



MILCON Acquisition Process

BY-3	BY-2	BY-1	BY
<ul style="list-style-type: none"> • UFC/FRD analysis • Requirements determination • Prelim Design Authority • Installation 1391 • PRI 1 	<ul style="list-style-type: none"> • FEC 1391 • FMB review • NEPA complete • PRI 2 	<ul style="list-style-type: none"> • OSD Final 1391 • PRESBUD to Congress • Final Design Authority 	<ul style="list-style-type: none"> • Congressionally enacted 1391 • RFP/Award



JSF Facilities Requirements



Training and Operations

- Squadron and Wing admin spaces
 - SAPF/SCIFs (ICD-705 Tech Specs)
 - Autonomic Logistics Information System (ALIS)
- Flight simulator facilities
- Classrooms & briefing/debriefing rooms
- Weapons trainers
- Support Equipment (SE) facilities

Maintenance

- Maintenance hangars
 - Cool Air Supply (CAS) system
 - AFFF ban / SafeSpill flooring
- Engine repair facilities
- Pilot fit facilities
- Maintenance simulator facilities
- Depot level maintenance facilities

Infrastructure

- Airfield planning studies
- Apron parking separation
- Utility upgrades
- Vertical Landing (VL) pads
- Level II airfield security improvements
- Traffic/transportation improvements

Quality of Life Facilities

- Barracks/Family Housing
- Mess halls
- Recreation
- Retail



NAVFAC's Roles



Criteria and Project Planning

- **F-35 Facilities Requirements Document (FRD)**
 - FRD updated annually
- **Establish criteria and guidance in coordination with other services (Tri-Service Workgroup)**
- **Identify gaps in facilities capabilities**
- **Develop project concepts, planning documentation and cost estimates**
- **Complete environmental analyses and documentation**

Design

- **Evaluate criteria, guidance and code in coordination with stakeholders:**
 - **Special Access Program Facility (SAPF)**
 - **Sensitive Compartmented Information Facility (SCIF)**
 - **Electronic Security Systems (ESS):**
 - **Access Control Systems (ACS)**
 - **Intrusion Detection Systems (IDS)**
 - **ALIS and Simulator cooling:**
 - **Computer Room and Simulator Room HVAC systems**
 - **Cool Air Supply (CAS) systems**
- **Preparing project plans and specifications**

Construction

- **Coordinating with multiple stakeholders, inspectors, accrediting officials, and operators**
- **Incorporating FRD updates to the maximum extent**
- **Ensuring compliance with project requirements**
- **Supporting Certification & Accreditation (C&A) inspections and determinations**

Maintenance

- **High utility consumption facilities**
- **HVAC systems maintenance**
- **Managing access to secure spaces**
- **Supporting necessary updates to facilities**
- **Sustainment of facilities**

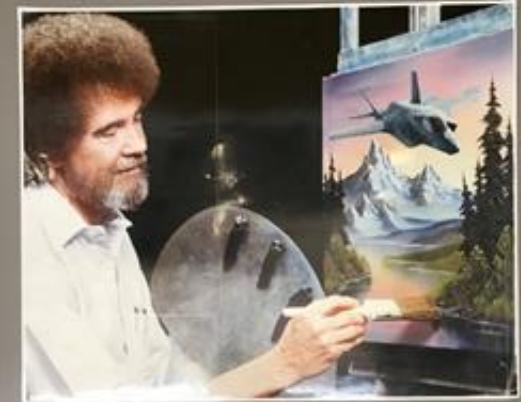


Lemoore Hangar 5 Renovations





Lemoore Hangar 5 Features

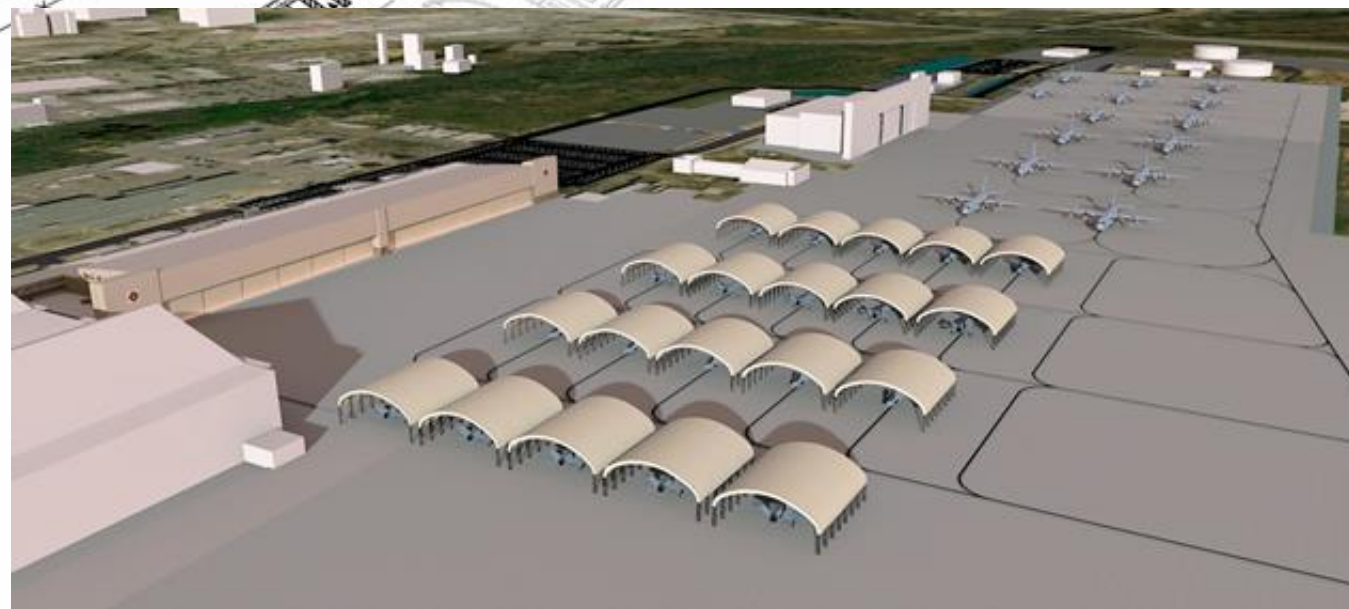


VFA-125
LOW
OBSERVABLE
AND





Miramar Hangar A / C-130 Apron





Miramar Hangar A





Lemoore Pilot Training Center Phase I





Simulator Facility Features





Lemoore Pilot Fit Facility/ Engine Repair Facility





Questions?



*SAME Luncheon
12 January 2022*

Announcements

- **2022 SAME San Diego - Small Business Forum**
 - Wednesday, March 9th (1100 – 1600) @ Stone Brewing Liberty Station
 - Reception immediately following the event
- **SAME Young Professional New Year's Social**
 - Thursday, January 20th (1700 – 1900) at the Golf Bar 
 - Sign up by emailing Travis Pital – tpital@pacrimengineering.com
- **SAME National Award Nominations are Open**
 - Visit [same.org/awards](http://www.same.org/awards) for award descriptions and nomination forms
 - Submission deadline is Friday, February 4th

<http://www.same.org/San-Diego>

Announcements

- **2022 STEM Camp Registration is Open!**

- Visit same.org/stemcamps for additional details
- Application deadline is Tuesday, March 15th



- **Interested in Joining our SAME San Diego Chapter?**

- Contact Melanie Kito (melanie.kito@eu.navy.mil) or Sean Leffler (sean.leffler@eurofinset.com)

- **Need Professional Development Hours?**

- Contact LT Matt Harvie (sameprograms@gmail.com)



Goals of the 2025 Strategic Plan

- **Strengthen Industry-Government Engagement**
- **Build and Sustain Resilient Communities**
- **Develop Leaders for the Profession**
- **Enrich Our Nation's STEM Pipeline**
- **Prepare Service Members and Veterans for the A/E/C Industry**

Our Mission:

#Goals

Build leaders and lead collaboration among government and industry to develop multidisciplined solutions to national security infrastructure challenges.

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