



MISSION BRIEF

RDP - 21

146TH AIRLIFT WING

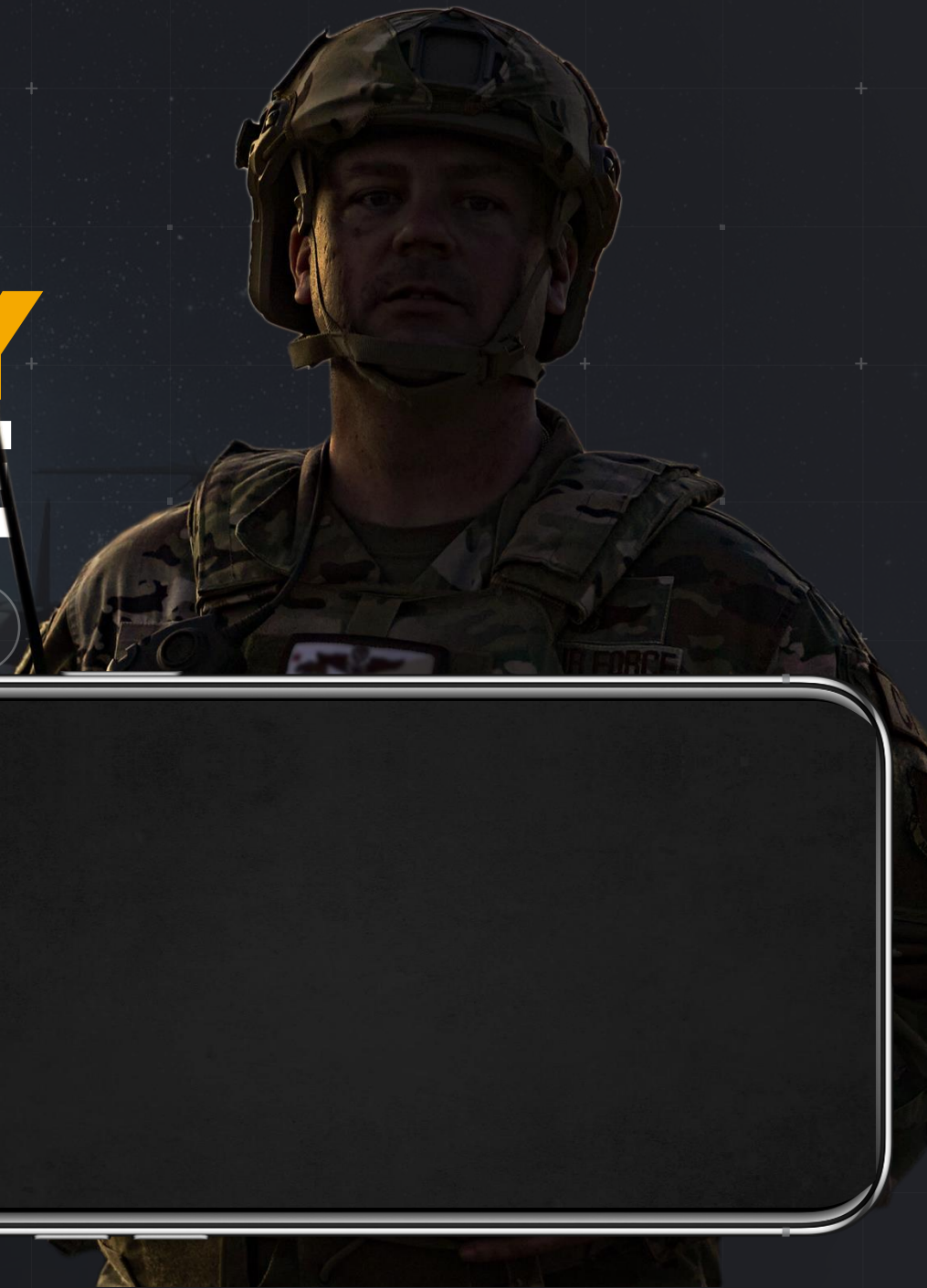
STRATEGIC GATEWAY TO THE INDO-PACIFIC



CALIFORNIA'S COMBAT-READY POWERHOUSE

DUAL FEDERAL & STATE MISSIONS – EQUALLY COMMITTED

Strategic Gateway: The 146th Airlift Wing stands ready as California's *proven* model for a Deployed Combat Wing based on its inherent Mission Generating Force Elements. Leveraging its C-130J Super Hercules airframe, tactical resources, medical lifeline capabilities, and vast array of specialty career fields organically generated at Channel Islands, we are strategically located for power projection into the Indo-Pacific and ready to defend and support California and the Nation when called upon.





THE ROAD TO WAR

OBJECTIVE: Our *Untold* Arsenal

CONTENTS

Mission Readiness:

- Defend the Homeland
- Deterrence in the Indo-Pacific
- Matching Capabilities
- Increasing Lethality

Facilities

- Installation
- Ranges & Airspace



DEFEND THE HOMELAND

Domestic Operations



DOMESTIC OPERATIONS

Joint Reception, Staging, Onward Integration

Why it matters:

- Ensures rapid deployment of warfighters and assets.
- Streamlines joint force integration across domains.
- Provides staging hub for all Joint Force requirements.
- Class 1 Mobility Hub able to process 500 Personnel and cargo within 24 hours.



JRSOI – Training at Channel Islands Air National Guard Station



DOMESTIC OPERATIONS

Tier One Security Forces

Why it matters:

Plays a critical role in supporting U.S. national security objectives and addressing local challenges in California. Our unit is uniquely trained and equipped to handle TIER-1 operations, ensuring the safety and security of both civilian and military operations in dynamic environments; while also providing a trained, ready, and reliable fighting force for our Incident Commanders.



Tier 1 Security Forces – Civil Unrest Los Angeles 2020



DOMESTIC OPERATIONS

Fatality Search and Rescue Team

Why it matters:

- The FSRT plays a crucial role in supporting local authorities and communities during disasters, helping families find closure, and ensuring the dignity of the deceased.
- The team receives extensive training to respond to a variety of disasters, including natural disasters and CBRNE (Chemical, Biological, Radiological, Nuclear, and Explosive) incidents.



FSRT – Training at Channel Islands Air National Guard Station



DOMESTIC OPERATIONS

Joint Incident Site Communications Capability

Why it matters:

- The JISCC is crucial to providing the communication and network capabilities for the Homeland Response Force (HRF), allowing for efficient coordination and response efforts.
- Establishes critical communication during events like natural disasters, allowing military personnel to effectively coordinate with civilian first responders, emergency managers, and other agencies.



146 CS- Training at Channel Islands Air National Guard Station



@HOLLYWOODGUARD

DOMESTIC OPERATIONS

Modular Airborne Fire Fighting System (MAFFS)

Why it matters:

Provides a vital surge capacity for aerial firefighting when needed. With over 50 years of time-tested service, Channel Islands legacy continues to bring invaluable experience to the fight against wildfires. In times of intense blazes, when resources are strained, MAFFS personnel are rapidly deployed to contain fires, protect communities, and safeguard California's natural resources. This established capability is essential for mitigating the devastating effects of wildfires, a recurring and significant threat to the state. Coupled with the installation's permanent retardant tanker pits, Channel Islands is a strategic tanker base hub in Southern California for aerial fire fighting with the ability to support very large air tankers (VLAT's) used for multi-agency wildland fire fighting operations.

**DOMESTIC OPERATIONS**

Crash Damaged Disabled Aircraft Recovery

Why it matters:

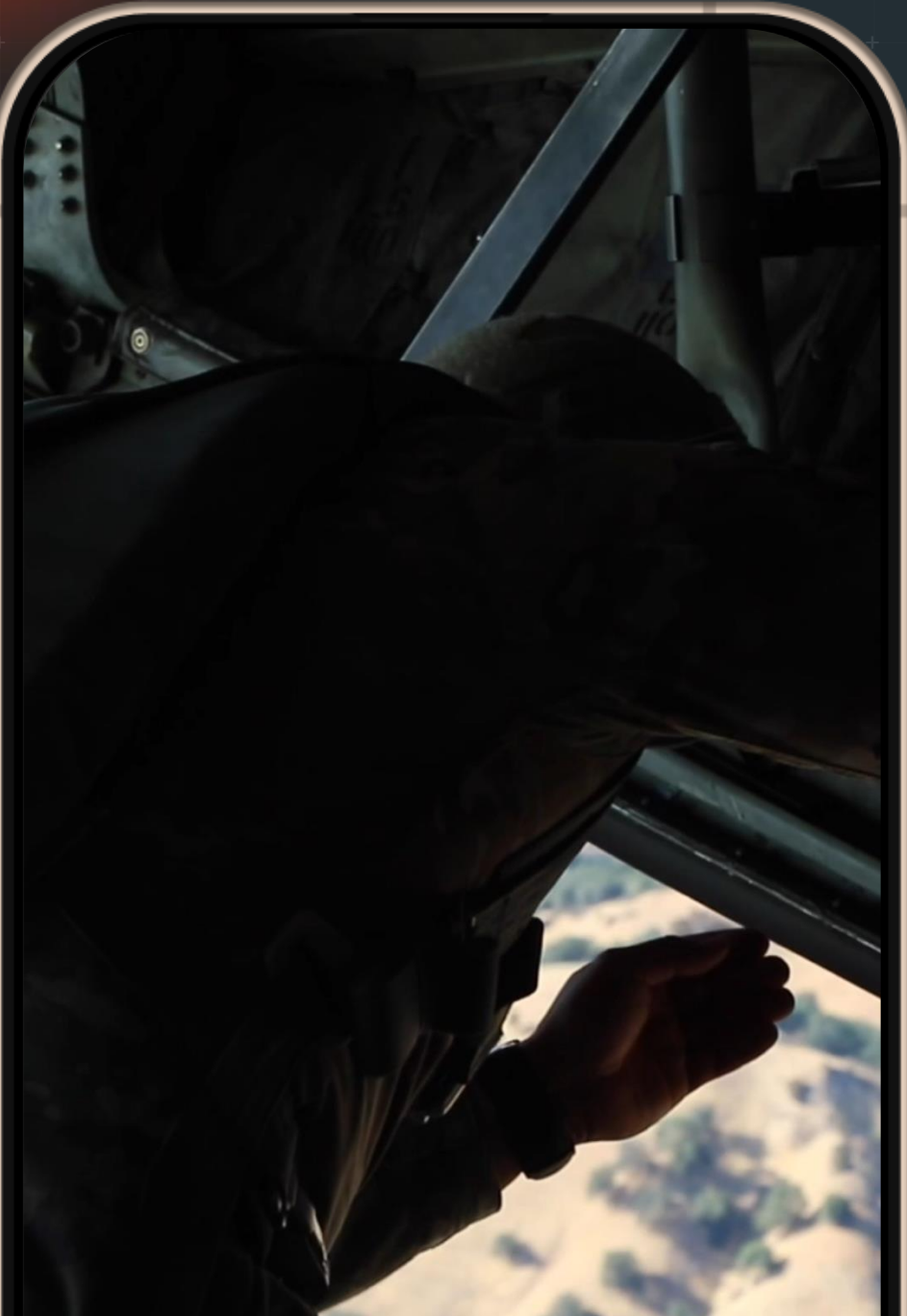
The Crash Damaged Disabled Aircraft Recovery (CDDAR) program plays a vital role in supporting the 146th Airlift Wing's mission. Comprised of 20 skilled members, the team undergoes biennial training at Volk Field, Wisconsin, to hone their expertise in recovering various airframes—including the MQ-4C Triton and KC-130 Hercules—from challenging crash and disabled scenarios.





DETERRENCE THROUGH CAPABILITIES

Mission Generation Force Elements



MISSION GENERATION FORCE ELEMENTS

Deterrence through Capabilities

146th MGFE's – 13 Total



Airlift / MX / MSG

Excepted Forces – Ravens / CMBT WX

Tactical and agile airlift with combat-integration,



fortified with aircrew's that push maximum perform

Tactical aircraft maintenance enabling



sustained, high-tempo sortie generation for airlift missions directly from austere locations

Robust Phoenix Raven program provides aircraft protection in combat operations environments.



Combat Weather directly embeds with U.S. Army & U.S. Marines to support any contingency.





MISSION GENERATION FORCE ELEMENTS

TACTICAL AIRLIFT

The C-130J Hercules aircraft provides versatile and responsive transportation of personnel and cargo, enabling mission success across a full spectrum of military, domestic, and humanitarian operations.

Tactical Airlift Workhorse

- Transports troops, equipment, supplies, and humanitarian aid across dispersed locations.
- Ideal for Agile Combat Employment (ACE) and island-hopping in the Pacific.
- Short and Austere Runway Operations – Day, NVG AMP-4
- Take off and landing from rough, narrow, or short airstrips—perfect for forward-deployed or improvised bases.
- Critical for resupply and troop rotation in contested or degraded environments.
- Specialized Fueling Operations





MISSION GENERATION FORCE ELEMENTS

Tactical Airlift Maintenance

As a critical force multiplier, the C-130J deployed maintenance team directly enables Agile Combat Employment (ACE) by generating combat power from austere, unpredictable locations. Structured as a self-sufficient MGFE with Multi-Capable Airmen, this unit provides on-location support that breaks reliance on vulnerable main bases, ensuring a more resilient and lethal force at the tactical edge.

Austere and Dispersed Operations

- Perform maintenance at FOL without established support infrastructure.
- Cross-functional equipment and maintenance tasks, reducing footprint.

Enhanced Mission Readiness and Sortie Generation

- 24-hour maintenance operations.
- On-location repair maximizes aircraft readiness and minimizes mission downtime.
- CA-driven rapid turnarounds sustain high-tempo sortie generation.



146 Maintenance Group – Emergency Tire Repair



MISSION GENERATION FORCE ELEMENTS

Tactical Maintenance Operation Center (MOC)

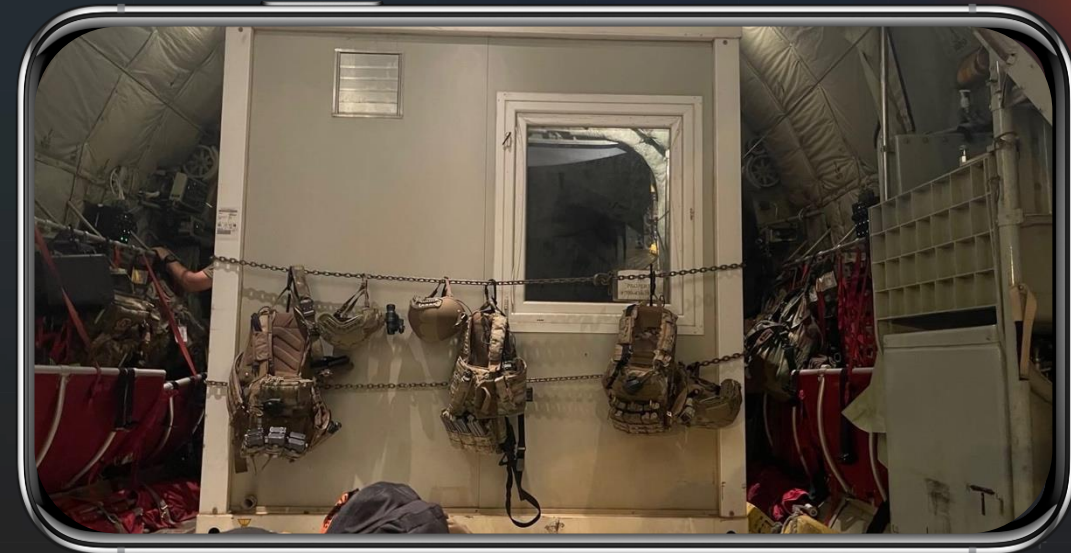
The MOC is the C2 nerve center for C-130J mission generation, providing the essential communication and deconfliction required to sustain a high operational tempo in any environment. It functions as the central hub that synchronizes maintenance efforts with operational demands, ensuring real-time situational awareness and enabling the rapid execution of tactical airlift from the tactical edge.

Centralized C2 Node

- Deconflicts threats, weather, and logistics for on-time execution.
- Provides real-time updates across all maintenance and support agencies.

Agile Mission Generation & Sustainment

- Manages aircraft documentation, inspections, and critical component replacements.
- Maintains essential functions in degraded or no-power environments.



146 AW Deployable Maintenance Operation Center



MISSION GENERATION FORCE ELEMENTS

Phoenix Ravens

An elite security capability that provides dedicated, on-the-ground protection for aircraft and crews operating in remote, semi-permissive, or high-threat locations worldwide.

Aircraft & Aircrew Security

- Provides close-in security and force protection in non-secure environments.
- Conducts on-site threat assessments to advise aircrews on security measures.
- Deters and mitigates potential hostile actions, including terrorism and sabotage.

Agile Operations Enablement

- Enables dispersed "hub-and-spoke" or "island-hopping" employment of airpower.
- Secures assets at locations with limited or no host-nation security infrastructure.
- Ensures mission safety for contingency response and other specialized mobility assets.



utilizes Phoenix Ravens
and contingency response teams

Phoenix Ravens Operations Video



MISSION GENERATION FORCE ELEMENTS

Contingency Response Force (CRF)

A rapid-deployment "airbase in a box" team capable of establishing and operating expeditionary airfields to support combat operations and humanitarian assistance missions.

Expeditionary Airfield Establishment

- Assesses and establishes safe landing zones in undeveloped areas.
- Provides air traffic control, aerial port services, and mobile command and control.
- Serves as the initial entry point for all follow-on joint and coalition forces.

Crisis & Disaster Response

- "Opens the port" in disaster-stricken regions to enable the flow of aid.
- Establishes logistics hubs for receiving and distributing relief supplies.
- Provides critical infrastructure to support large-scale humanitarian operations.



Contingency Response Force – Fort Hunter Liggett



MISSION GENERATION FORCE ELEMENTS

COMBAT WEATHER

Provides tailored, mission-critical environmental intelligence to enhance operational effectiveness and mitigate risk for U.S. and allied forces.

Mission Executing Forecasting

- Delivers precise, localized weather analysis for air, ground, and sea operations.
- Identifies and provides advance warning of severe weather phenomena.
- Informs key go/no-go decisions for high-stakes missions like airdrops and airfield seizures.

Joint Force Integration

- Embeds directly with U.S. Army and Marine Corps units on the battlefield.
- Provides real-time weather intelligence to enhance ground force tactical advantage.
- Integrates environmental data into joint and multinational operational planning



Combat Weather Training



LETHALITY THROUGH SURVIVABILITY

Preserving the Force Through Integrated Care



PRESERVING THE FORCE THROUGH INTEGRATED CARE

Ground Surgical Team

Why it matters:

- Provides a lifeline in the most challenging environments, delivering lifesaving care through damage control resuscitation and surgery, operating independently in austere locations where established medical facilities are unavailable.
- Extends medical reach to island outposts or mobile staging bases.....Medical Force Multiplier.



Ground Surgical Team Training



PRESERVING THE FORCE THROUGH INTEGRATED CARE

En-Route Patient Staging System (ERPSS) Mission

A mobile, scalable field hospital that provides uninterrupted medical care and stabilization for patients transiting from the battlefield to higher levels of care.

Forward Patient Stabilization

- Functions as a mobile emergency room and patient ward near the point of injury.
- Provides a climate-controlled, safe environment for medical treatment.
- Staffed by physicians and nurses to deliver continuous care prior to evacuation.

Medical Mission Support

- Bridges the gap between initial battlefield treatment and aeromedical transport.
- Supports both combat operations and humanitarian disaster relief missions.
- Ensures a seamless "warm handoff" of patients to evacuation teams.



146 AW Combat Readiness Inspection



PRESERVING THE FORCE THROUGH INTEGRATED CARE

Critical Care Air Transportation Teams

A highly specialized medical team that transforms any cargo aircraft into a flying Intensive Care Unit (ICU) to transport the most severely wounded service members.

Airborne Intensive Care

- Moves critical patients from forward operating locations in all AORs, to include the Indo-Pacific to higher-level care facilities.
- Bridges the gap between field medical stabilization and definitive care (e.g., in Japan, Guam, Hawaii, or CONUS).

Strategic Patient Evacuation

- Enables the safe, long-range transport of high-acuity patients across oceans.
- Bridges the gap between tactical care and definitive treatment at major hospitals.
- A key component of the response to mass casualty events.



Critical Care Air Transportation Team – Sentry South Southern Strike 25



PRESERVING THE FORCE THROUGH INTEGRATED CARE

Aeromedical Evacuation

The global medical airlift system responsible for the coordinated, worldwide movement of sick, wounded, and injured service members to higher levels of medical care.

Global Patient Movement Network

- Manages and executes the entire patient transport mission across a theater.
- Operates a 24/7 network responsive to operational and humanitarian needs.
- Coordinates with joint commands and multinational partners for seamless transfers.

Continuous In-Flight Care

- Provides constant medical monitoring and care for patients during transport.
- Staffed by qualified flight nurses and medical technicians.
- Ensures there are no gaps in care from the point of injury to the destination hospital.



Aeromedical Evacuation Squadron – Sentry South Southern Strike 24



GENERATING THE COMBAT PLATFORM

Powering Mission Command



POWERING MISSION COMMAND

Security Forces

The 146th Security Forces Squadron has been a vital partner to PACAF A4SX. Members of the 146 SFS are currently serving as Antiterrorism Officers (ATOs) and Force Protection exercise planners. In this role they conducting comprehensive threat assessments at exercise locations throughout the INDOPACOM region.

Upcoming 2026 Exercises

- Pacific Angel 26-3
 - Micronesia
- Wings over Wanaka Airshow
 - New Zealand
- Keen Edge 26
 - Hawaii
- Cope Thunder 26-1
 - Philippines
- Balikatan 26-2
 - Philippines

INDOPACOM 2025 Exercise Recap

- Pacific Angel 25-3
 - Bangladesh
- Croix de Sud 25-1
 - New Caledonia
- Cope Thunder 25-3
 - Philippines



146 SFS ATOs – PACIFIC ANGEL 25-3



POWERING MISSION COMMAND

Civil Engineer

The 146th CES is currently pursuing COAs to convert the squadron into a RED HORSE Squadron or Flight. The existing Prime BEEF Squadron specializes in sustainment/repair of existing bases, and a conversion to a RED HORSE would enable specialization in heavy repair and construction for full-scale/contingency airfield, base facility and utilities infrastructure

RID & RDER Background

- Supported by the Office of the Undersecretary of Defense (OUSD) and the Air Force Life Cycle Management Center (AFLCMC)
- Tested and evaluated prototype assets to include solar powered tents, push button pop-up tents, water harvesters to set up a bare base in austere locations
- Two hours with a team of 14 to set up and tear down to support 50 PAX with bed down and water (800 gals with a water source/60 gals by condensation per day)

Rapid Infrastructure Deployment (RID) & Rapid Defense Experimentation Reserve (RDER)

- Austere location base setup, test, and redeployment with ~\$1 Million of bare base bed-down prototypes
- Cross-functional exercise in collaboration with the 146 LRS, 115 AS, and 821 CRG (AD).



**POWERING MISSION COMMAND**

Logistics Readiness

Multi career-field unit comprised of DoD supply, shipping and receiving, vehicular maintenance and licensing, logistics deployment planning, aircraft cargo loading and PAX terminal operations, POL and ground transport personnel.

Ulchi Freedom Shield

- UFS is a vital, large-scale joint military exercise designed to bolster ROK and US Alliance's readiness and defensive capabilities on the Korean Peninsula.
- LRS members served as Logistics LNOs to the ROK Forces.
- 3 members in the FY25 exercise were native Korean speakers, enhancing their roles with seamless language barriers and helping others translate.

2025 Exercise/Operational Recap

- Stuttgart J-5 (Germany)
- Valiant Shield (Hawaii/Japan)
- Operation Deep Freeze (Antarctica)

Upcoming 2026 Exercises

- Ulchi Freedom Shield (Korea)
- Keen Edge 26 (Hawaii)
- Aerial Port Exercise (Guam)





FOUNDATIONS FOR DOMINANCE

Future Fight Infrastructure



FUTURE FIGHT INFRASTRUCTURE

Facilities

Channel Islands ANG is a strategic hub, fusing air mobility capabilities with access to a critical deepwater port. Augmented by our national aerial firefighting mission and advanced AR training systems, we are a key asset for joint logistics and homeland defense. We are expanding this advantage with a C-130J simulator, a SCIF, and a resilient micro power grid to forge a truly self-sufficient combat platform.

Future Expansions

- C-130J Combat Simulator with MAFFS Mission Profiles
- SCIF – Sensitive Compartmented Information Facility – SCIF
- Micro Power Grid

Unique To Channel Islands

- Tanker Base Channel Islands
- Certified Specialized Fueling Operations Ramp
- FATS AR (Augmented Reality) system
- Access to Port Hueneme Naval Base – Only Deep-Water port between Long Beach and SF)



Future Micro Grid Project



FUTURE FIGHT INFRASTRUCTURE

Ranges & Airspace

Our strategic collocation with Naval Base Ventura County is a force multiplier, creating a joint training synergy unparalleled on the West Coast. Immediate access to the PMSR and the “island-hopping” environments of two littoral islands allows us to train for the future fight by executing complex, multi-domain scenarios in a realistic environment that directly replicates the challenges of the INDOPACOM AOR.

Island Hopping / Littoral Operations

- Past and future exercises planned with the US Navy on San Clemente and San Nicholas Islands.
- TFI – Improving Total Force Integration with NVBC.
- Immediate access to W-289, W-291 & W-532: From SLO south to the international maritime boundary.

Overland Tactical Ranges

- Edwards Complex (DZ and LZ Ops)
- Fort Irwin (LZ Ops)
- Hunter Liggett (DZ and LZ Ops)
- Vandenburg AFB (DZ Ops)



146 AW Combat Readiness Exercise – San Clemente Island



Challenges & Opportunities

The Path Forward



THE PATH FORWARD

Challenges & Opportunities

Challenges:

- C-130J Inventory: We currently operate some of the oldest and highest-time C-130Js in the USAF inventory which presents significant challenges.
- Aging Infrastructure: Escalating maintenance for legacy facilities is diverting critical funds from modernization and combat readiness.

Opportunity:

- Growth for CRF & CE: We have an opportunity to grow the Contingency Response Force into a group as well as a RED Horse mission capability



Contingency Response Force – Valiant Shield 24

146 LRS LIAISON IN **WARFIGHTING EXERCISE 24-5** AT FORT LIBERTY. WORKING WITHIN THE JOINT AIR COMPONENT COORDINATION ELEMENT (JACCE) & 18TH AIRBORNE CORPS INTEGRATE AIRPOWER INTO THEIR **INDO-PACIFIC** FOCUSED EXERCISE.

146 CRF TRAINED WITH **JAPAN AIR SELF-DEFENSE FORCE** PROVIDING INTEGRATED FORCES FROM ACROSS THE GLOBE, SHOWCASING THE STRENGTH AND VERSATILITY OF THE JOINT FORCE AND ITS COMMITMENT TO A FREE AND OPEN **INDO-PACIFIC**.

146 CRF HONED AGILE COMBAT EMPLOYMENT (ACE) SKILLS IN **EXERCISE TURBO DISTRIBUTION**, SIMULATING LOGISTICAL CHALLENGES AT REMOTE LOCATIONS IN THE **INDO-PACIFIC**, CARGO/PAX TRANSPORTED ACROSS A SIMULATED ISLAND CHAIN USING C-130, C-17, KC-46, C-5 AND CH-47 AIRCRAFT.

146 COMM & LRS SUPPORTING **SENTRY ALOHA**, 10-MEMBER TEAM PROVIDED ESSENTIAL FUEL AND COMMUNICATIONS.

OUR OPERATIONS ACROSS THE INDO-PACIFIC

146 SFS SECURED A CRITICAL ROLE FOR **PAC ANGEL 25-3** IN **BANGLADESH** DEMONSTRATING THE WING'S ABILITY TO SUPPORT **INDOPACOM** MISSIONS.



END OF PRESENTATION

POWERED BY 146 AW PUBLIC AFFAIRS

