



State of the Community

... And Where We Are Going!

January 1st, 2020

“Launching Into The Next Decade!”

**CAPT Matthew Duffy, USN
Commodore**



The Unique Type Wing

Bolder Leadership | Readiness Wins!

Since 2005, ACCLW is the Navy's Only Type Wing that has a Single Commodore Model that is Not Single Sited In CONUS – We Cover Both Coasts:

- Point Mugu, CA (HQ) Norfolk, VA
- San Diego, CA Iwakuni, Japan

Our Maintenance Team Is on the Road ~65% of the Time!
Commodore ~35% & Deputy ~30%



22 Commands, Detachments and FITs

E-2C Hawkeye, E-2D Advanced Hawkeye, C-2A Greyhound, and MQ-25 Stingray



Commands - Atlantic

Bolder Leadership | Readiness Wins!

NS Norfolk, VA

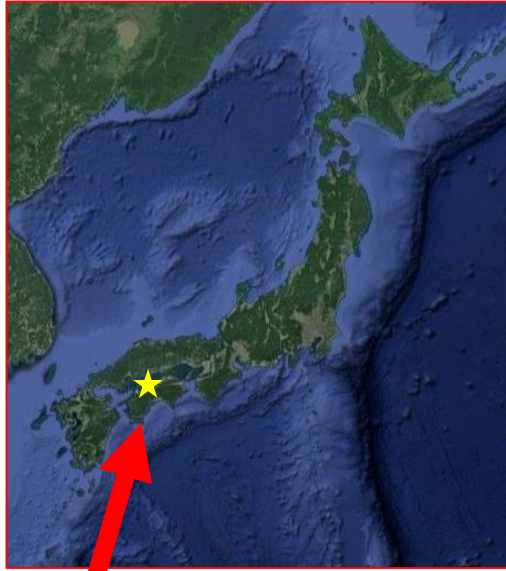
- VAW-120 "Greyhawks" (FRS) (18x E-2C/D, 6x C-2A)
- VAW-121 "Bluetails" (5x E-2D)
- VAW-123 "Screwtops" (4x E-2C)
- VAW-124 "Bear Aces" (4x E-2C)
- VAW-126 "Seahawks" (5x E-2D)
- VRC-40 "Rawhides" (12x C-2A)
- Wing Det Norfolk
- E-2D FIT
- MQ-25 FIT
- ACCLW Weapons School
- Squadron Augment Unit (SAU)





Commands - Pacific

Bolder Leadership | Readiness Wins!



Point Mugu, NBVC, CA
Wing Headquarters (HQ)
 VAW-113 "Black Eagles" (5x E-2D)
 VAW-115 "Liberty Bells" (4x E-2C)
 VAW-116 "Sun Kings" (4x E-2C)
 VAW-117 "Wallbangers" (5x E-2D)
 Weapons School Det Mugu
 Aviation Support Division (ASD)



MCAS Iwakuni, Japan
 VAW-125 "Tigertails" (5x E-2D)
 VRC-30 Det-V (2x C-2A)

North Island, NB Coronado, San Diego, CA
 VRC-30 "Providers" (8x C-2A)



Our Enablers

Bolder Leadership | Readiness Wins!

- FRC SW / MA
- AIMDs
- NAVSUP WSS
- OPNAV N98
- CAEWWS
- PMAs* (4)
- VX-1 / 20
- NOSCs
- VAW-VRC Association/Foundation
- Industry Partners





Prepare for War

There Will Be a Gap of Some Magnitude Between Our TTP / Playbook / OPLAN and the Actual Nature of the Next Conflict and with Naval Aviation's Role in the Next High End Fight.

The Quality, Accuracy, and Approach of our Training Systems, Scenarios, and Events is the Area with the Best Opportunity to Expand Our Competitive Advantage and Accelerate Ahead of Our Near Peers. (...see also DCNO N7 Establishment!)

The NAE Must Value Material Readiness Generation and the Development of Properly Trained Sailors As Equal to TTP / Playbook / OPLAN Development in Order to Win!

Man | Train | Equip
Acquire – Sustain – Mentor



Training Systems

Bolder Leadership | Readiness Wins!

NS Norfolk, Virginia

Simulator	(Building)	Platform	Crew
C2A OFT1	(SP-362)	C-2A	Pilot
C2A OFT2	(SP-313)	C-2A	Pilot
Grp II OFT	(SP-362)	E-2C	Pilot
Grp II WST	(SP-364)	E-2C	NFO
HE2K OFT	(SP-366)	E-2C	Pilot
HE2K WST	(SP-381)	E-2C	NFO
E-2D OFT	(LP-49)	E-2D	Pilot
E-2D APT 1	(LP-49)	E-2D	Pilot
E-2D APT 2	(LP-49)	E-2D	Pilot
E-2D TT 1	(LP-49)	E-2D	NFO
E-2D TT 2	(LP-49)	E-2D	NFO

Point Mugu, NBVC, California + FDNF-J

Simulator	(Building)	Platform	Crew
HE2K OFT	(508)	E-2C	Pilot
HE2K WST	(508)	E-2C	NFO
E-2D OFT	(507)	E-2D	Pilot
E-2D APT 3 [2020]	(507)	E-2D	Pilot
E-2D TT 3	(507)	E-2D	NFO
E-2D TT 4 [2020]	(507)	E-2D	NFO





ACCLW Infrastructure

Bolder Leadership | Readiness Wins!

Point Mugu, NBVC, California	
Building 50	Wing HQ
Building 507	Weapons School/E-2D SIMs
Building 508	E-2C SIMs
Hangar 553	VAW-113/116/117
Building 65	Aviation Support Division
Building 572	LOX Storage
Hangar 365	VAW-115/NATEC/Transient

North Island, NB Coronado, California	
Hangar 525	VRC-30
Hangar 526	VRM Support

MCAS Iwakuni, Japan	
Hangar 7030N+	VAW-125
Hangar 721	VRC-30 Det-V

NS Norfolk, Virginia	
LP-34	VAW-120
LP-33	VAW-121/VAW-124
LP-21	VAW-123/VAW-126
LP-48	VRC-40
LP-49	Weapons School/E-2D SIMs
SP-364	Wing Det Norfolk/Grp II WST SIM
SP-381	HE2K WST SIM
SP-366	HE2K OFT SIM
SP-362	C-2A & E-2C GII OFT SIMs
SP-313	C-2A OFT SIM
SP-236	Squadron Storage





ACCLW in Numbers

Bolder Leadership | Readiness Wins!

Aircraft

Total: 110

C-2: 34 E-2: 76

E-2C: 35

HAWKEYE 2000 (HE2K): 27

NAV UPGRADE: 4

MCU/ACIS: 3

TE-2C: 1

E-2D: 41

Personnel

Total: 3212

Military: 2858 Civilian: 354

Officer: 511 Gov't Civ: 53

Enlisted: 2347 Contractors: 301

Budget

Admin & Other Support: \$3.4 Million

Travel: \$17.5 Million

Flying & Maintenance: \$47.9 Million

Operating Budget: \$68.8 Million

Personnel: 3212

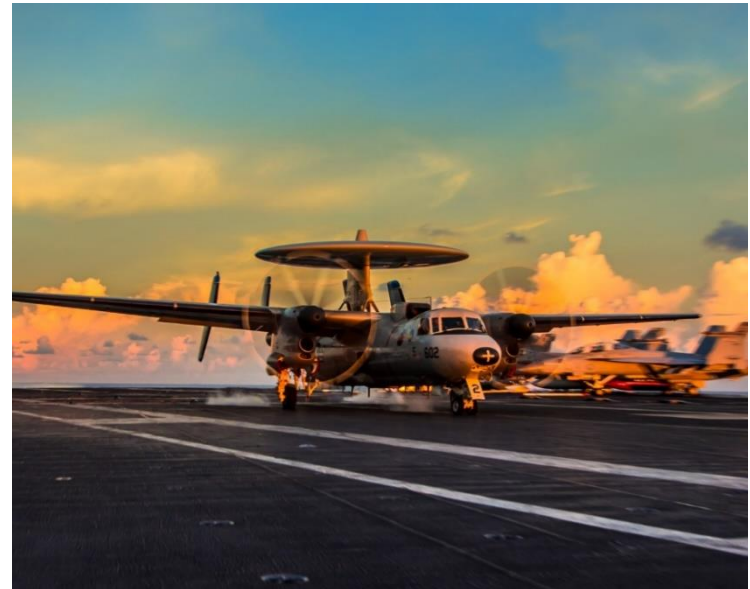
Payroll: \$180 Million (annually)

Infrastructure: \$450 Million

Aircraft Assets: \$8.5 Billion

Community Value: \$9.2 Billion

Equivalent to Western Union (#494)





Recent Achievements

Bolder Leadership | Readiness Wins!

- ✓ Policy Changes
 - CANN Authority Returned to E-2D AHE COs
 - Training Officer FITREP Sub-specialty Code
 - OTY Package Submission Reduction
 - FY TAD Budget Submission Template
 - MCI Requirement Reduction
 - C-2 Det Aircraft Paint Relief
 - OPNAV Note 5400 dtd 07AUG18
 - Normalized and Funded Cross Country Support for VRC-30/40 & VAW-120
 - Authorized AWF CDI Authorities for VRC Dets
 - EMIRS “cut” Mishap Guidance and Pre-costing Data
 - Command Qual Board Letter Process Streamline
 - C-2 & CMV-22 ACTC Levels-4 & 5 Established

- ✓ Operation *Salanoa Swansong* + Wing LTD Focus
- ✓ Point Mugu and Norfolk Infrastructure Self-help & Branding
- ✓ Rebuilt Type Wing Officer and Civilian Staff + FRS XO Continuity
- ✓ Landing Gear Deep Dive, “COA-2”, and Contracts Deep Dive
- ✓ Social Media and Website Updates
- ✓ Expand Training Track for CG ADO OP-T DH Selectees
- ✓ FDNF Field PMIs for E-2D and C-2A
- ✓ ACCLW Staff Virtual Desktops Facilitating Fleet Support



Lines of Effort

LOE: *Resume* E-2D Advanced Hawkeye Transitions

LOE: *Introduce* Aerial Refueling to the Fleet

LOE: *Build* MQ-25 Stingray Foundation for Community Integration

LOE: *Modernize* Our Community's Brand to Reflect Current Systems

LOE: *Continue* to Develop CMV-22 While Sustaining C-2 Greyhound

LOE: *Advance* NIFC FTS & FTA Via DSSC-3 Fielding (H-14 Partner)



Lines of Effort

LOE: *Resume* E-2D Advanced Hawkeye Transitions

- After 2 Year Hiatus, Resume E-2D Transitions
 - VAW-113 Black Eagles Feb '19
 - VAW-117 Wallbangers Nov '19
- Introduces a Fourth Site for E-2D Presence & Support
- Enables E-2D to be CONUS-West which Supports NAWDC TTP Development and NAVAIR DT/OT DSSC-4/5 & NIFC Testing in the Maritime Sea Range (W-289)



Lines of Effort

LOE: *Introduce Aerial Refueling to the Fleet*

- VAW-120 Greyhawks (FRS) Receive First (AR) Aircraft Sep '19
- VAW-126 Seahawks Transition May-Jul '20
- VAW-121 Bluetails Transition Oct-Dec '20
- Global Tactical C2 Node

...this Truly Changes Everything for *Where* and *How* the E-2 is Employed!



Lines of Effort

LOE: *Build* MQ-25 Stingray Foundation for Community Integration

- CNO Rapid Acquisition and Fleet Introduction Program
- Partnering with PMA-268
- First Flight Sep 19th ('19) with Boeing at Scott AFB
- 5x MQ-25 Stingray and ~96 Additional Personnel will Integrate with VAW E-2D Squadrons Afloat in ~'24 → Squadron Size in both Aircraft & People will be Equivalent to VFA-F ... *Squadron Mission Set Portfolio will be Unmatched!*



Lines of Effort

LOE: *Modernize Our Community's Brand to Reflect Current Systems*

Note: VRC Branding briefed in 2018 (“Delivering Readiness”, *Expeditionary Experts*, etc.)

- No Longer Emphasizing Simply Putting a Radar Airborne and Coupling it with Voice AIC – Voice AIC is Dying...
- No Longer Associating Community Flagship Events with AIC Training ... *It's Also About Educating* the Navy, Joint & Coalition Warfighters on Our Role

Our Brand for 2020-2030 is Managing Kinetic Systems (FTA, FTS, WASEX, etc.) within the System Governing the Battlespace.

Our Brand for 2020-2030 is Centered On Fusing Data and Information Flows to Facilitate Kinetic & EMW Effects.

Our Brand for 2020-2030 is to Command the Battlespace and Provide Precise Information to Achieve Kinetic and Non-Kinetic Supremacy.



Lines of Effort

LOE: *Continue* to Develop CMV-22 While Sustaining C-2 Greyhound

- Receive First Navy CMV-22 Osprey Aircraft Jan '20
- Transfer All VRM Equities and Oversight to the New Type Wing
- *Fully Support New VRM Type Wing as It Matures*
- Continue to Work MILCON (Equip), Facilitate FMF TADs (Train), and Grow Trained Sailor Inventory (Man)
- Closely and Conservatively Manage C-2 Sundown



Lines of Effort

LOE: *Advance* NIFC FTS & FTA Via DSSC-3 Fielding (H-14 Partner)

- DSSC-3 is the Major Upgrade that We've All Been Waiting For... (more in a secure setting)
- DSSC-3 VX-1 OT spring-summer-fall '19 & Apr '20
- AS-6 Flagship Event in Point Mugu Aug '19 & Jan '20
- ACCLW Will Work with PMA-298 (FTA), PEO-IWS (FTS), and VX-1/20 (TTP) to *Move the Needle on IFC Capability*



2019 Initiatives

Bolder Leadership | Readiness Wins!

- ✓ Major ACTC & HARP Modernization (Effective 01OCT)
- ✓ First E-2C HE2K INMARSAT Installation (Fall '19)
- ✓ First E-2D(AR) Delivery to Fleet (VAW-120 ~Sep '19)
- ✓ First FDNF NFO Trainers Provided (2x D-DRTs now Fall '20)
- ✓ First Mode-5 Interrogate Install
- ✓ First MQ-25 Flight
- ✓ Policy Changes
 - ✓ Authorizing a Subset of T&R Use for ADSGF and D-DRT Training
 - ✓ Shift ACTC Standardization and Management to CAEWWS
 - ✓ Reviewing Shutdown Requirements for non-Engine Related FCF-As
 - ✓ Updating MESMs and EOC Codes to Better Reflect FMC / MC Reality
 - ✓ Require 1320 PXOs to Embark CVN for FRS CQ and Observe All in CATCC
- ✓ Enhance 1310 T4O Training at VAW-120 (FRS)*
- ✓ Sundown the E-2C Group II Variant (VAW-124 and WST)
- ✓ Increase Resources for E-2 Self-Start Initiative: Pilot Phase-I
- ✓ Merge VAW-VRC Foundation & Hawkeye-Greyhound Association
- ✓ Expand Industry Engagements in Both Audience & Touchpoints



2019 Initiatives (cont...)

Bolder Leadership | Readiness Wins!

- X Establish Naval Aviation Maintenance Center of Excellence (NAMCE-T) at Point Mugu NAS (not funded, ~FY22)
- ✓ Utilize Fleet Aircraft for CAEWWS WTI Course
- ✓ Trial VAW-120 (FRS) CAT-I 1320 Fallon/Dahlgren Det
- ✓ Take Possession of a New (Additional) Hangar in Point Mugu
- X Certify Point Mugu and Norfolk Hangar Bump-outs for SCIF/SAP-F (stay ahead of the Fleet curve for SATT timeline) (now late 2020)
- ✓ At the End of 2019, over 50% of Fleet Squadrons will be E-2D AHE or in Transition to the E-2D AHE
- ✓ By the End of 2019, over 50% of Program of Record E-2D's will have been Delivered to the Community

The Community will be at an Inflection Point! For the past 55 years...



Our Rich Heritage ... Jan 19th, 1964

Bolder Leadership | Readiness Wins!





2020 Initiatives

Bolder Leadership | Readiness Wins!

- ✓ January 1st, 2020:
 - ✓ Airborne Command & Control Squadron (**VAW-1XX**)
 - ✓ Airborne Command & Control Systems (PMA-231)
- ❑ First Two Fleet Squadrons Transition to AR (VAW-126 & VAW-121)
- ✓ Set the Conditions for the “Maintainer of the Future”
- ✓ Pursue Additional Live, Virtual, and Constructive (LVC) Interoperability(s) Focusing on Complex F/A-18 TOFT Missions
- ✓ Lay the Foundation for VX-30 to Evolve into E-2D DSSC-4/5 IT, NIFC TTP Development, and MQ-25 Test “Center of Excellence”
- ✓ Lay the Foundation for VX-30 Det Fallon with 2x E-2D AHEs





2020 Initiatives (*Addendum*)

Bolder Leadership | Readiness Wins!

- ✓ Establish ACCLW MOC in Point Mugu
- ✓ Align Sustainment Program Baseline (SPB) Efforts with NSS & P2P
- ✓ Assign Fleet-Representative Aircraft to NAWDC/CAEWWS (165816)
- ✓ Commence Initial MQ-25A NARG and ESC
- ✓ Refine CVW-2 Integrated HARP to Complement SFARP (FITE)
- ✓ Support/Inform CAEWWS JADC2 Planning with “5th Gen Navy C2”





Community Growth



Incremental Growth

- HQ Staff
 - +3 Lieutenants
 - GS-13 Deputy Wing MO
 - +3 CPOs
 - ...Plus Filling Long Vacancies
- E-2C → E-2D +10 People & 1x Aircraft

Generational Change Growth

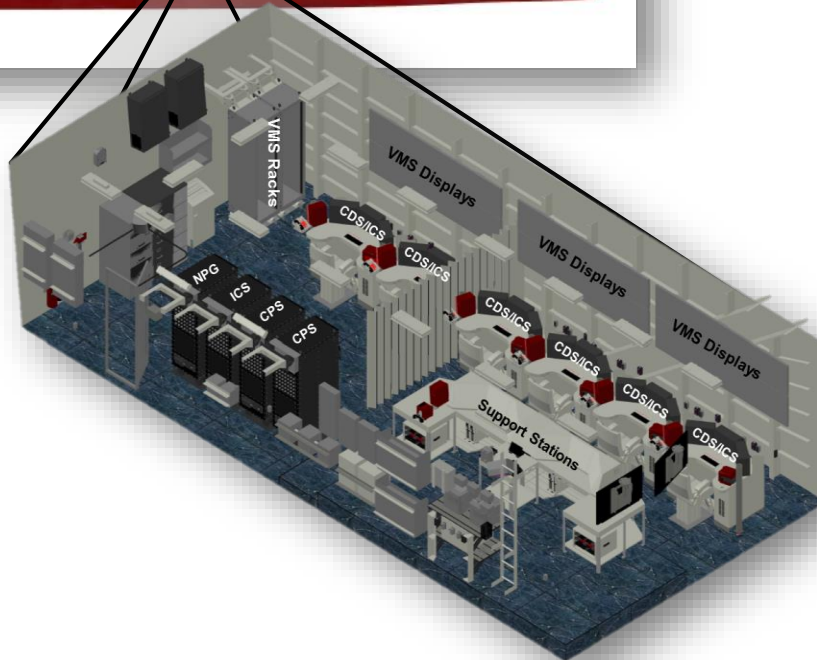
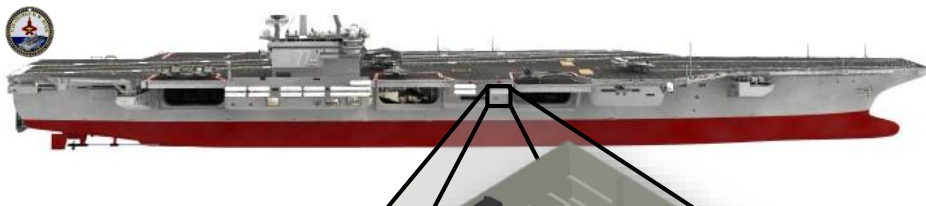
- +76 MQ-25 Stingrays
- +~1500 MQ-25 Personnel (Sea & Shore)
- + New Systems will Expand Our Tactical Portfolio
- Community Value \$9.2B → ~\$20B+



MQ-25 Stingray

Bolder Leadership | Readiness Wins!

CVN Compartment 02-118-3-C (~900 sq ft)



...and the ***Future of the Future*** is Limitless! Think MQ-25 v2.0 or v3.0...



2025 Initiatives

- We Value the Human over the Machine in Airborne Command & Control (Airborne Early Warning is different.)
- DSSC-5+ will Challenge Aircrew Capacity to Process and Synthesize Incoming Information – Human Machine Interface (HMI) Improvements Must Keep Pace with the Growing Influx of Data
- Support PMA-231, OPNAV N98, OPNAV N2N6, and others in Exploring the E-2D Advanced Hawkeye Replacement COAs – Being Mindful that the *Manned Presence* is the Key to Effective Airborne Command & Control (E-2D+)





2025 Goal ... and a *New Beginning*

Bolder Leadership | Readiness Wins!

Airborne Command & Control Squadron ONE ONE TWO (VAW-112)

- 5x E-2D(AR) DSSC-5 Advanced Hawkeyes + Self Start Capability
- 5x MQ-25 Stringray Aircraft (*Integrated)
- ~275 Officers, Chief Petty Officers & Sailors



E-2D Advanced Hawkeye DSSC-5 + Aerial Refueling + Self Start =
The Premier Global Airborne Command & Control Node



Discussion / Questions



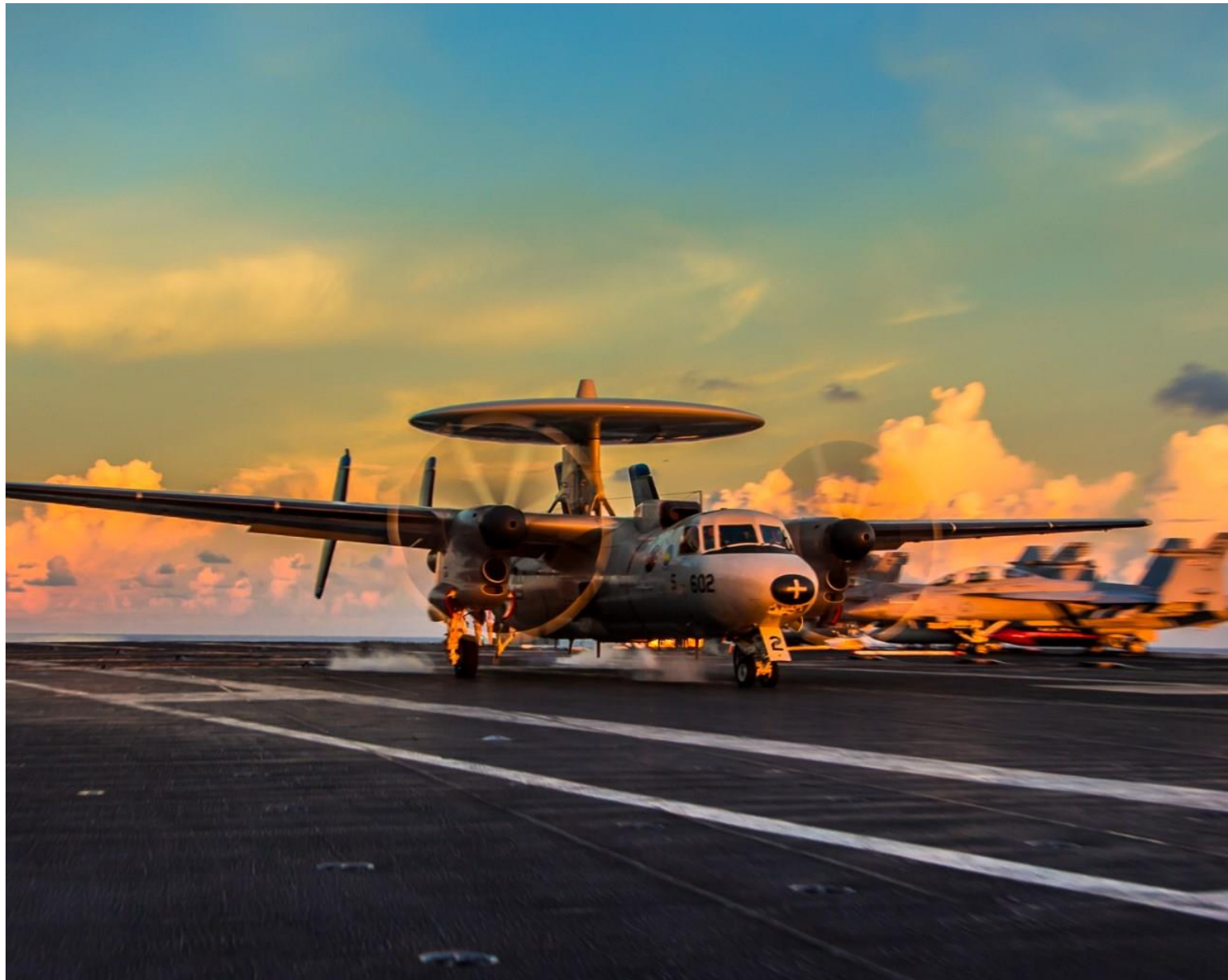


Back-up Slides



Bolder Leadership | Readiness Wins!









We Deliver Readiness

Combat Logistics



You are the “Quarterdeck of Carrier Aviation”



For most of your DV guests, this may very well be their only exposure to the U.S. Navy.

Their assessment/perception of your Navy will come from you.