



# **Hawkeye Greyhound Stingray Community Update Brief 2021**

**CAPT Michael France, USN  
Commodore**



# Commands - Atlantic

Fly! Fight! | Readiness Wins!

## NS Norfolk, VA

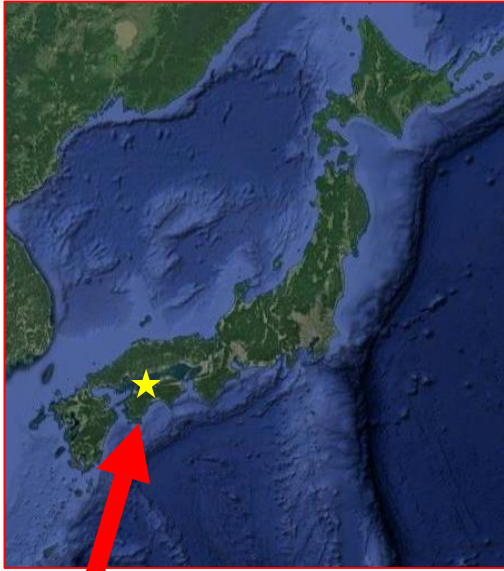
- VAW-120 "Greyhawks" (FRS) (17x E-2C/D, 8x C-2A)
- VAW-121 "Bluetails" (5x E-2D)
- VAW-123 "Screwtops" (4x E-2C)
- VAW-124 "Bear Aces" (4x E-2C) \*Trans to E-2D
- VAW-126 "Seahawks" (5x E-2D)
- VRC-40 "Rawhides" (15x C-2A)
- Wing Det Norfolk
- E-2D FIT
- MQ-25 FIT East
- ACCLW Weapons School
- Squadron Augment Unit (SAU)



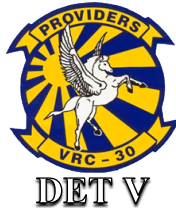


# Commands - Pacific

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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  
 MQ-25 FIT West  
 Aviation Support Division (ASD)



DET V

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)



# Lines of Effort

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

LOE: *Introduce* Aerial Refueling to the Fleet

LOE: *Field & Sustain* DSSC3/3.1 to Support Integrated High-End Fight

LOE: *Achieve* NAE MC/FMC Goals

LOE: *Sustain* C-2A Greyhound thru 2024 / E-2C Hawkeye thru 2025

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



# Lines of Effort

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## LOE: *Continue* E-2D Advanced Hawkeye Transitions

- After 2 Year hiatus (2017-2019), resumed E-2D transitions
  - Completed VAW-113 Black Eagles Sep '19
  - Completed VAW-117 Wallbangers Jul '20
  - Began VAW-124 Bear Aces May '21
  - Begin VAW-115 Liberty Bells Apr '22
  - Continue VX-30 (1 of 2 E-2Ds)
- Four Sites for E-2D Presence & Support (Norfolk, Pt Mugu, Iwakuni, Pax River, Fallon FY25)
- Pt Mugu E-2D concentration area supports NAWDC TTP Development and NAVAIR DT/OT DSSC-4/5 & NIFC Testing (VX-30) in the Maritime Sea Range (W-289)



# Lines of Effort

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## LOE: *Introduce Aerial Refueling to the Fleet*

- VAW-120 Greyhawks (FRS) Transition Complete Aug '20
- VAW-121 Bluetails & VAW-126 Seahawks Transition Complete
- First CAT-I students beginning tanking Summer '21
  - Increased formation syllabus
  - Night Formation syllabus
- VAW-113 Black Eagles, VAW-115 Liberty Bells, and VAW-124 Bear Aces scheduled for FY22
- All squadrons are E-2D AR capable in FY26
- Flexible, Persistent, Tactical C2 Node
- Aerial Refueling configured simulators in Norfolk and Point Mugu (Iwakuni FY22)
- Certifications for KC-46, KC-130, MQ-25 in the near future
  - Plugs/Wake Survey on MQ-25 scheduled for Jun '21
- Actively tanking organically with CVW FA-18 squadrons





# Lines of Effort

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## LOE: *Field & Sustain* DSSC3/3.1 to Support Integrated High-End Fight

- DSSC-2 to DSSC-3 transition nearly complete
  - 3x DSSC-2 aircraft remain at FRS
- Integrated advanced tactics will require reps and sets in the LVC environment
  - Requires SATT equipment/spaces/people/IT infrastructure
- DSSC-3/3.1 IFC enhancements
  - Advanced RADAR processing & tracking
  - Crypto Modernization
- DSSC-3.1 is a lengthy and tedious modification making MC/FMC Readiness Goals extremely challenging to meet
  - VAW-113 complete; 117, 121, and 126 ongoing



# Lines of Effort

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## LOE: *Achieve* NAE MC/FMC Goals

- Coordinate with NAE stakeholders to
  - Achieve Fleet MC Goals: C-2(18), E-2C(16), E-2D(28 MC / 22 FMC)
    - E-2D (28 MC) goal of 1 July was met early, having been sustained since March.
    - E-2D (22 FMC) goal is 1 September, highlighting significant supply challenges.
    - Fall '21 will be the highest period of demand for E-2D to date
      - VAW-113 / VAW-125 on deployment
      - VAW-117 / VAW-126 in workups
      - FRS production, DSSC-4 testing, VAW-124 transition
  - Scheduled PMI inductions & Modifications
    - Must balance competing priorities for mission system components to support inductions/modifications while also providing fleet readiness



# Lines of Effort

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LOE: Sustain C-2A Greyhound Thru 2024 / E-2C Hawkeye Thru 2025

- 22 C-2A / 20 E-2C currently in reporting
- C-2A
  - VRC-30 operating through 2023 (2 more detachments)
  - VRC-40 operating through 2024
    - Det V (FDNF) will swap from VRC-30 to VRC-40
  - Anti-Skid Braking System (ABS) for C-2A
    - Intent = No mixed-configuration on detachment
    - Fielding = Technical Directive released Nov '20
      - Current: 3 aircraft complete via TD validation process
      - Future: 16 total kits being produced for retrofit will be installed in all aircraft that strike after FY22
- E-2C HE2K will receive SCS-11 (crypto modernization)



# Lines of Effort

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

- CNO Maritime Accelerated Acquisition and Fleet Introduction Program Partnering with PMA-268
- First Flight in Sep '19
- Pt Mugu identified as initial location for VUQ squadrons (VUQ-10 and VUQ-11); Norfolk & Iwakuni to follow
- Detachment construct: 9 Total; 4 East, 4 West, 1 FDNF
- Air Vehicle Operators (AVOs) will be Warrant Officers (new designator 7371 created)
- First DH (FY20 ADHSB); First CO (FY21 ACSB)
- FRS (VUQ-10) will be established Oct '21
- First fleet squadron (VUQ-11) will be established Oct '23
- Pushing to receive 2x aircraft in Point Mugu as soon as possible so the fleet can participate in integrated DT/OT
- Need to build operational experience in Point Mugu at least 1 year prior to deployment. (GCS, sense and avoid, airspace issues, supply, people)



# 2021 Initiatives

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- Coordinate with PMA-231 to develop future capabilities
  - ✓ Establish requirements for E-2D Cockpit modernization
  - ✓ Re-shape E-2D NARG process through revitalization of HETAT
  - ✓ Build relationship with new PMA-231 Program Manager
- ✓ Induct last E-2C into PMI-2
- Ensure 100% E-2D AMDs reflect proper Functional Area Codes (FAC)
- Certify/Accredit Pt Mugu and Norfolk squadron SCIF/SAPFs
- Adjust Wing manning to support SCIF/SAPF utilization
- ✓ Complete first two fleet squadron AR transitions
- ✓ Integrate AR into WING SOP and Training & Readiness Matrix
- Produce first CAT I AR qualified aircrew
- Capture Lessons Learned by first CVW to conduct workups with AR capability
- Expand E-2D flight envelope to allow for tanking from MQ-25
- Lay foundation for AR introduction to Mugu and Iwakuni
- Conduct VUQ-10 (MQ-25 FRS) establishment ceremony
- Develop WING relationships with VX-23 (MQ-25 Developmental Test)
- Align MQ-25 AVO training pipeline with CNATRA
- Lay foundation for E-2D and MQ-25 Manned/Unmanned Teaming (M/UM-T)
- Codify infrastructure requirements for Point Mugu MQ-25 operations



# 2021 Initiatives (cont...)

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- ✓ Balance 'Mod' Schedule across the fleet reducing FRS Maintenance burden
- ✓ Lead initiative to create & focus on FMC goals (Lethality & Survivability)
- ✓ Mitigate risk of AGM through enhanced WING level safety efforts
- ✓ Lay the foundation for C-2A sundown; remain ready to support if V-22 slides
- ❑ Integrate C-2A Anti-skid brakes across fleet
- ❑ Defend VRC manpower required to operate safely through sundown
- ✓ Induct last C-2A into PMI-2
- ✓ Coordinate with PERS43 to address C-2 aircrew career progression
- ❑ Transition first fleet squadrons to DSSC-3/3.1 in a sustainable manner
- ❑ Coordinate with core training stakeholders to identify NIFC OFRP training requirements/virtual training requirements
- ❑ Create fully SAP capable training spaces for FDNF, West, & East aircrew
- ❑ Set conditions for follow-on LVC efforts by conducting first DISTRIBUTED/VIRTUAL training at appropriate security levels w/ CAG & CSG team



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