



# USMC Preference Brief

Updated: Mar 2020



# Outline



- Selection Process
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  - Mission
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  - Mission
  - Locations
  - Capabilities
  - Training Timeline
- CH-53E
  - Mission
  - Locations
  - Capabilities
  - Training Timeline



# Selection Process



- LFF Complete!
  - Sign the LFF Book
  - Instructions under the glass in STUCON, read the binder!
    - Your grades are calculated, but no, we will not tell you your NSS until you check out
- What does STUCON do?
  - STUCON officers receive the “slate”, which contains the available slots for your winging
  - STUCON will arrange the selections meeting
  - Completers will select based on highest NSS to lowest NSS
  - Each squadron’s XO and CO approve proposed selections
  - STUCON officers submit approved selections to MMOA
  - Completers typically receive orders within a week



# Selection Process



- Picking a Helicopter Community
  - Talk to your on-wing
  - Talk to other instructors
  - Talk to other students
  - Do your own research
    - Numerous resources available, from NATOPS, Wikipedia, YouTube, etc.
  - Attend this lecture and come up with intelligent questions to help your decision process



# AH-1Z



**Mission of the AH-1Z is “that of an armed, tactical helicopter, capable of high-speed flight; multiple weapon fire support; reconnaissance by fire; and troop helicopter support. Mission profiles cover the air-to-ground (ATG) and air-to-air (ATA) environment.**



HT- 18 Instructors:

1. Maj Crownover
2. Maj Entrekin
3. Maj Guard
4. Capt Harrington



# AH-1Z Capabilities



- Performance:
  - Speed: Max 200 / Cruise 140kts
  - Range: 370nm
  - Weight: Max Gross: 18,500lbs
- Armament:
  - M197 20mm cannon
  - 2.75" Rockets/APKWS
  - Missiles: AGM-114 Hellfire,
  - AIM-9 Sidewinder
- Sensor:
  - AN/AWS-1 TSS (5/9/30)
- Standard Crew:
  - 2 Pilots





# AH-1Z



- **Mission Essential Task List (METL)**

- **Core**

- Conduct Aviation Operation From Expeditionary Shore-Base site
    - Conduct Close Air Support (CAS)
    - Conduct Air Interdiction (AI)
    - Conduct Armed Reconnaissance
    - Conduct Strike Coordinator and Reconnaissance (SCAR)
    - Conduct Forward Air Control – Airborne (FAC (A))
    - Conduct aviation support of Tactical Recovery of Aircraft and Personnel (TRAP)
    - Conduct Aerial Escort

- **Core Plus**

- Conduct Aviation Operations From Expeditionary Sea-Based Sites
    - Conduct Offensive Anti-air Warfare
    - Conduct Active Air Defense







# UH-1Y



**“The primary mission is that of a tactical utility helicopter, capable of high-speed flight; multiple weapon fire support and troop helicopter support. Missions include: air assault; amphibious assault and raid operations; coordinate battlespace maneuver and integrate with firepower, close air support; interdiction operations; C2 operations, joint personnel recovery, rear area security and noncombat evacuation.**



HT- 18 Instructors:

1. Capt Cullen
2. Capt Waldron





# UH-1Y Capabilities



## UH-1Y

- Performance:
  - Speed: 170/130kts
  - Range: 370nm
  - Weight: 18,500lbs
- Armament:
  - GAU 17 - 7.62 x 51 mini gun (3000 rds per minute)
  - GAU 16 - .50 CAL (750-800 rds per minute)
  - GAU 21 - .50 CAL (900-1100 rds per minute)
  - M240D - 7.62x51 (750-950 rds per minute)
  - 2.75" Rockets (HE, Flechette, Smoke, Illumination)
  - APKWS (Laser Guided 2.75" HE Rockets)
- Sensor:
  - BRITE STAR BLOCK 2
- Standard Crew:
  - 2 Pilots 2 Crew (Gunners)



# UH-1Y



- **Mission Essential Task List (METL)**

- **Core**

- Forward Arming and Refueling Point (FARP)
    - Assault Support (ASPT)
    - Close Air Support (CAS)
    - Armed Reconnaissance (AR)
    - Strike Coordination and Reconnaissance (SCAR)
    - Forward Air Controller (Airborne) [FAC(A)]
    - Aerial Delivery (AD)
    - Command and Control (C2)
    - Tactical Recovery of Aircraft and Personnel (TRAP)
    - Aerial Escort
    - Air Evacuation

- **Core Plus**

- Aviation Ops from Sea-Based Sites (CQ)
    - Rapid Insertion/Extraction (RIE)
    - Tactical Air Coordination (Airborne) [TAC(A)]
    - Active Air Defense (AAD)





# Fleet Replacement Squadron



- Leave HMLA/T-303: PQM
  - Pilot qualified in Model= Basic skid pilot, can sign for an aircraft.
  - Squadron preference whether they honor 303 PQM.
- 26 Weeks



# Fleet Squadron



## • Tactical squadron timeline

- PQM: 1 yr
- FCP: 2 yrs
- AHC: 2 yrs
- BIP / TERF(I): 2 ½ yrs
- SL: 2 ½ yrs
- WTO: 3 yrs
- FAC(A)/DL: 3 ½ yrs
- NSI: 3 ½ yrs
- WTI: 4 yrs





# HMLA Locations



## Kaneohe Bay, HI

1. HMLA-367

## San Diego, CA

1. HMLA-169
2. HMLA-267
3. HMLA-369
4. HMLA-469
5. HMLA/T-303

## Jacksonville, NC

1. HMLA-167
2. HMLA-269



# Deployments



- MEU rotation
- Unit Deployment Program(UDP)
- Deployment For Training(DFT)
- Rotational Forces (Darwin, Baltic, Norway, etc.)



# CH-53E



**“Support the MAGTF Commander by providing assault support transport of heavy equipment, combat troops, and supplies day or night under all weather conditions during expeditionary, joint, or combined operations.”**



HT- 18 Instructors:

1. LtCol Beal
2. Maj McKie
3. Maj Will
4. Capt Heck
5. Capt Murn
6. Capt Rosenau







# CH53E Super Stallion



- A/C Capabilities
- Duty Stations
- FRS Slide
  - Length
  - Expectation
- Squadron Slide
  - Training progress
  - Daily life
- Deployment
  - Where/what
  - Daily Life
- Questions





# CH-53E Super Stallion



## Capabilities

### • Limits

- 46,500 Design Gross Weight
- 73,500 Max Gross Weight
- 37 sideline seats, 55 total w/center line seats installed
- 24 Litters
- 28' 4" Overall height
- 99' .5" Overall length
- 3 Engines, 4,750 HP each
- 160% Torque limit (1 Min)
- 150 Max Fwd Airspeed
- 36,000 Max External lift
- 15,483 Pounds of Fuel
- 16,320 TBFDS
- 4+00 Endurance
- 480 NM Range

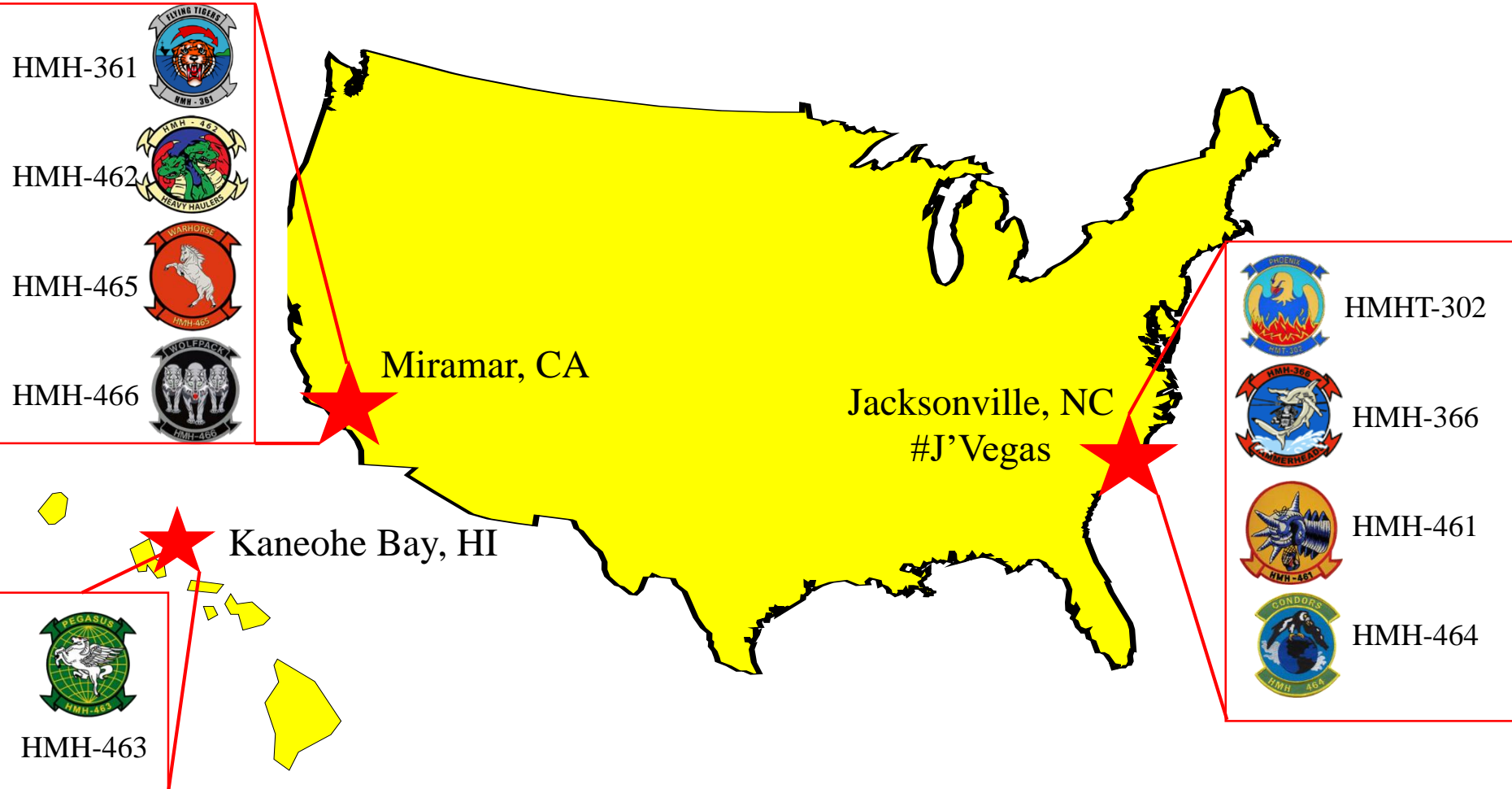




# CH53E Super Stallion



## Duty Stations





# CH53E Super Stallion



## Fleet Replacement Squadron

### Length

- 20-25 weeks to train
- 25 flights (approx. 40 hrs)
- 15 Sims
- Ground job in S-Shops  
(0730-1630)



### Expectation of Training

#### Events

- CBT's
- Ground School
- Simulators
- Early Fams
- HLL Pre-certs
- HLL Flights
- Upper Fams
- Check Ride

HMH-463





# CH53E Super Stallion



## HMH-464 Condors

### Training Progression

- AM ODO/PM ODO/Weekend SDO
- Externals
- Terf
- HAAR
- Day Tactics
- HLL Tactics
- LLL Tactics
- HAC
- Day 1
- 90 days
- 90 days
- 90 days
- 90 days
- 120 days
- 180 days
- 18 Months

### Daily Life

- 0700 Show time – job dependent
- 1630 Standard end of day – job dependent
- Expect to spend your morning learning your ground job and the afternoon planning your next flight





# CH53E Super Stallion



## Deployments & DFTs

### Locations

- Deployments
  - MEU 22<sup>nd</sup> / 24<sup>th</sup> / 26<sup>th</sup>
  - SPMAGTF (Honduras)
- DFTs (Deployments for Training)
  - West Virginia
  - Brunswick, Maine
  - Norway
  - ITX (Integrated Training Exercise)
  - RAVEN
- Events:
  - WTI Support
  - Marine Week Support

### Daily Life

- Schedule
  - Based on exercise
- Expectations
  - Team player





# Questions

