

H-1 MARINE LIGHT/ATTACK HELICOPTER PROGRAMS OFFICE

PMA-276



**USMC Light/Attack
Helicopter Program
(PMA-276)**

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"Dookie"**

Program Manager

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UH-1Y

Mission:

The UH-1Y Venom multi-role utility helicopter is equipped with a wide range of weapons and mission support configurations to perform close air support missions, along with combat assault support, search and rescue/causality evacuation, armed escort/reconnaissance, command and control, and special operation support

UH-1Y: POR: 160

Contracted: 160

Delivered: 160

Approximately 9,069 Flight Hours
Flown in FY25 thru Mar



AH-1Z

Mission:

The AH-1Z Viper attack helicopter provides rotary wing close air support, anti-armor, anti-air, armed escort, armed/visual reconnaissance and fire support coordination capabilities under day/night and adverse weather conditions for the USMC

AH-1Z: POR: 189

Contracted: 189

Delivered: 189

Approximately 10,687 Flight Hours
Flown in FY25 thru Mar

PM Highlights

- Program of Record (POR): 349 Aircraft
- (6) Active Duty / (2) Reserve Squadrons
- West coast – (4) squadrons established at 1.0
- East coast – (2) squadrons established at 0.75
- Last domestic production aircraft delivered November 22; FMS production continues
- Mission-capable readiness holding steady above goal of 140; fully mission-capable aircraft holding steady above threshold, periodically exceeding goal of 96
- OAG Top 3: lethality / modernizing interoperability / survivability
- Foreign Military Sales (FMS): building opportunities to maintain industrial base and lower costs

H-1 Sustainment / FMS

Sustainment:

- Promote and leverage existing opportunities to maximize readiness and reduce cost by utilizing existing processes and infrastructure
- Enable H-1 to move capability and capacity close to the flight line, which will reduce maintenance man-hours, AVDLR, and Cost per Flight Hour. Work with Light Attack Aircraft Management Program (LAAMP) stakeholders to ensure dynamic and accurate inventory control throughout the life of the H-1 Program
- Utilize Sustainment Program Baseline (SPB) and to track, report, and collaborate across the enterprise

Foreign Military Sales (FMS):

- Signed: Bahrain (12 AH-1Z)
- Signed: Czech Republic (8 UH-1Y / 4 AH-1Z)
- Signed: Nigeria (12 AH-1Z) (new build)
- Signed: Czech Republic: (2 UH-1Y / 6 AH-1Z) (USMC EDA)
- Pending Bahrain: (AMARG 24 to make 12 AH-1W) (USMC EDA)

H-1 Capability Milestones

Accomplishments

- ✓ AGM-179 Joint Air-to-Ground Missile (JAGM) initial operational capability (IOC)
- ✓ Distributed Aperture Infrared Countermeasure System (DAIRCM) Joint Urgent Operational Needs Statement (JUONS)

On-going Modernization Efforts

- Digital interoperability (Link 16)
- Survivability improvements (APR-39D(V)2)
- Satellite communications upgrades (MUOS)

Future Modernization Priorities

- Structural Improvement & Electrical Power Upgrade (SIEPU)
- Survivability improvements (DAIRCM Program of Record)
- Lethality improvements (AIM-9X, IT-2, LRAM)
- Satellite communications upgrades (PLEO)



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H-1 Project Eagle Alignment Structural Improvement & Electrical Power Upgrade (SIEPU)



Lines of Effort

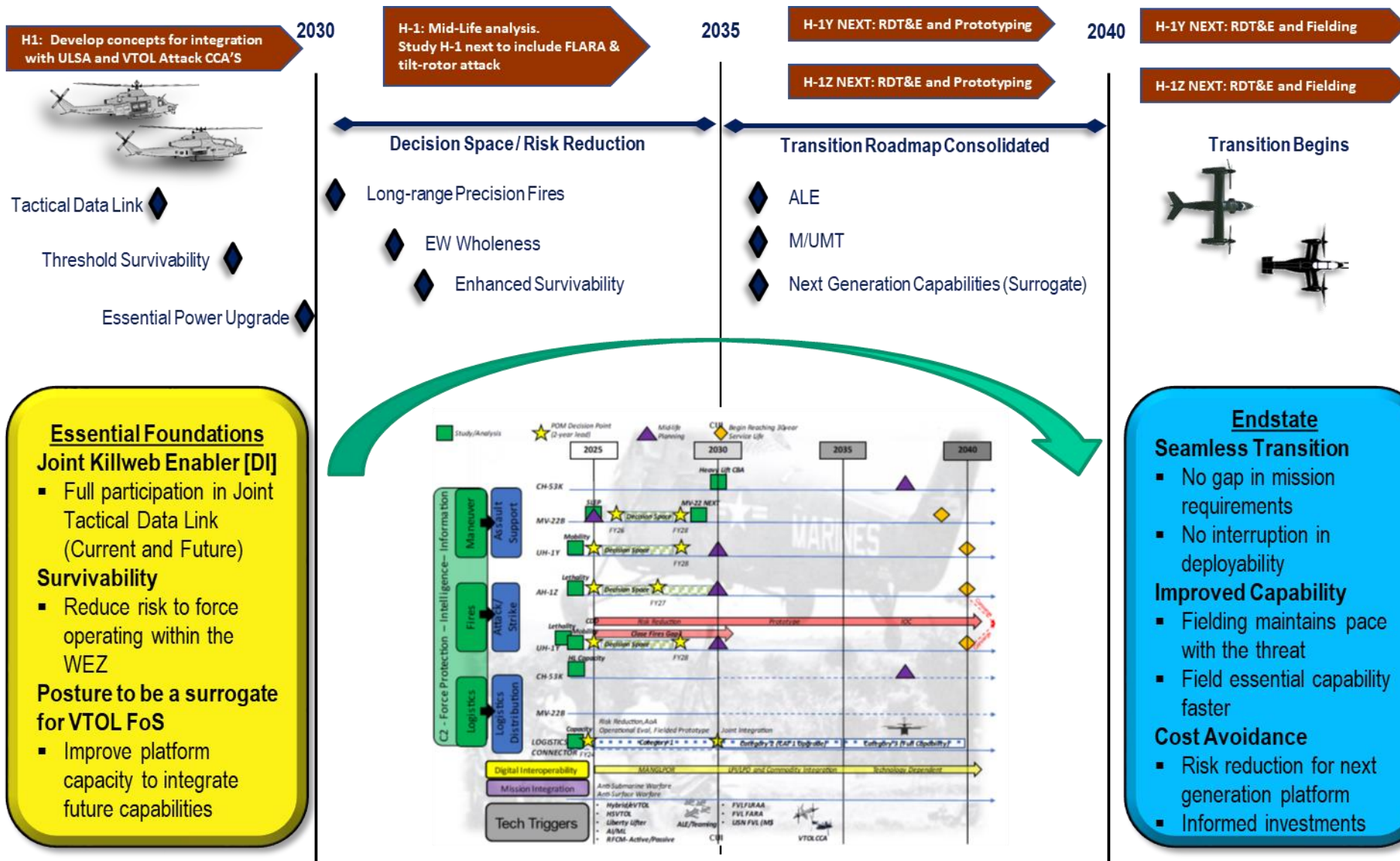
- **Lethality** - Diverse portfolio of low-cost kinetic and non-kinetic fires
 - Long-range precision fires
 - Counter-UAS
 - Maritime Militia
- **Digital Interoperability** - Link-16 is the baseline for interoperability with Joint Fires
 - BLOS Tactical Data Links
 - Multi-Spectral Apertures
 - SOSA-compliant terminals
- **Survivability** - Enhancing our lethal contributions to the Joint Force will make H-1's a high target
 - DAIRCM
 - APR-39D(V)2
 - Common Carriage

H-1 Modernization

- 2025 - The year of lethality
 - Building upon DI, Survivability, and SIEPU [Foundational]
- The Gap
 - By 2029 the only ACE fires platforms are F-35 and H-1s
 - By 2029 H-1s are the only FAC(A) / TAC(A) platforms
- The Opportunity
 - Long-range precision fires is the crown jewel
 - Non-kinetic fires must be leveraged
 - Manned/Unmanned teaming is a new frontier
- The Task - from DCA and DC CD&I
 - Counter Maritime (Maritime Militia)
 - Counter UAS

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H-1 Bridge to the Future





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- H-1 program, through fully-informed analysis of the operating environment in the 2030s and Project Eagle strategic vision has focused the modernization roadmap with a transition framework to the H-1 replacement platform no later than 2040.

Digital Interoperability / Communication

Endstate: Redundant means of integration into Combined Joint All Domain Command and Control (CJADC2) with agility to maintain pace with Tactical Data Link modernization.

Survivability

Endstate: Persist as a Stand in Force (SiF) unit in competition and conflict with mitigated Risk to Force.

Lethality

Endstate: Kill web contributor capable of providing kinetic and non-kinetic payloads to disrupt or destroy enemy ground, air (inclusive of Small Unmanned Aircraft System (sUAS)), and surface targets.

Enhance Expeditionary Deployability

Endstate: HMLA units can sustain for longer durations from austere sites with a smaller footprint and informed logistics support structure in Distributed Aviation Operation (DAO).

Service Results

- ◆ Narrow current service gaps
- ◆ Provide service decision space through the 3x Future Years Defense Program (FYDP) modernization
- ◆ Risk reduction in transition to H-1 replacement platform

Operational Results

- ◆ Support distributed MLR operations
- ◆ Protect aerial and surface logistics connectors
- ◆ C2 node extension and kill web contributors

Adversary Effects

- ◆ Adversary risk recalculation
- ◆ Restrict adversary freedom of maneuver
- ◆ Complicate adversary targeting decision making



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Questions?

