# H-53 Heavy Lift Helicopters



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### Mission



To conduct expeditionary heavy lift assault transport of armored vehicles, personnel and equipment to support distributed operations deep inland from a sea-based center of operations.

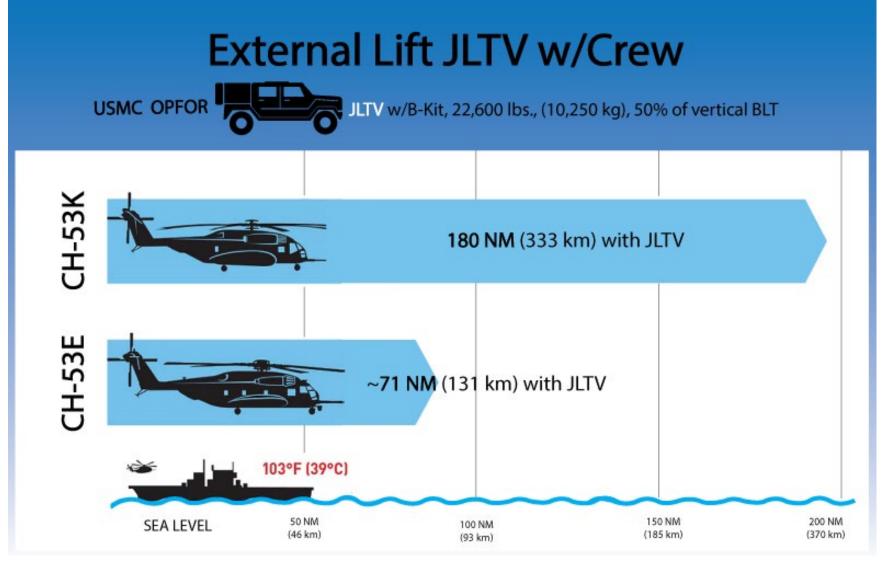


KPP Mission: 27,000 lbs. (ext) Ship (@ 103°) 110 NM LZ (@ 3000', 91.5°) Return





## Range



## CH-53K King Stallion Performance Improved Reliability and Maintainability Integrated Vehicle Health Monitoring System (IVHMS) Interoperable/Net-Ready Shipboard Compatible Air-to-Air Refueling Forward Arming Refueling Point Capable NAVAIR Public Release 2022-320 Distribution Statement A - Approved for public release; distribution is unlimited



## Safety/Survivability



 Enhanced Survivability and Force Protection

- Day/Night/All-Weather Operation
- Self-Deploying Capability



## Supportability

#### Training

- Containerized Flight Training Device, Helicopter Emulation Maintenance Trainer, Composite Maintenance Trainer
- Classroom & Courseware
- Feedback and Continuous Improvement
  - Publications, maintenance procedures, support equipment
- Repair Capability
  - Pursuing gearbox, composite facilities
  - Future transition from Repair of Repairables (ROR) to Performance-Based Logistics (PBL) readiness support strategy
- Automated Logistic Environment (ALE)





### Accomplishments

- Shipboard Compatibility
- Aerial Refueling
- Degraded Visual Environment
- Hot/Cold Weather Test
- 6 Aircraft delivered
- 48 Aircraft on Contract



#### Accomplishments



- Initial Operational Test & Evaluation complete
- Initial Operational Capability-Declared
- First fleet squadron established, HMH-461

## International

- Dec 2021: Israel signed for 12 aircraft with option for 6
- Feb 2022: Lot 6 option awarded for first four Israeli (4) aircraft
- Jul 2022: Engineer and Scientist Exchange Program (ESEP) arrival of Israel Air Force officer
- Jan 2025: Israeli delivery start @ (4) per year





## CH-53



