ConOps Examples

Chinook

The Chinook supports the Army's requirement to be strategically responsive across the full spectrum of operations. The Chinook enhances the Army's ability to support the rapid response capability necessary for forcible and early entry contingency missions and the tactical and operational noncontiguous, simultaneous or sequential operations, which will be characteristic of future operations. The Chinook provides a heavy lift capability that enables the force to accomplish critical tasks across the Battle Functional Areas of maneuver, maneuver support and maneuver sustainment by conducting air assault, air movement, mass casualty evacuation, aerial recovery, and aerial resupply across the full spectrum of operations. The Chinook provides the means to continue the time sensitive transport of personnel, equipment, and supplies not available from other transportation systems. The High Level Operational Concept graphic, OV-1, which is in Figure 1 below, depicts the Chinook mission environment. OV-1 provides a description of the interactions between the Chinook and its operational environment and highlights the importance and complexity of interoperability for successful Chinook employment

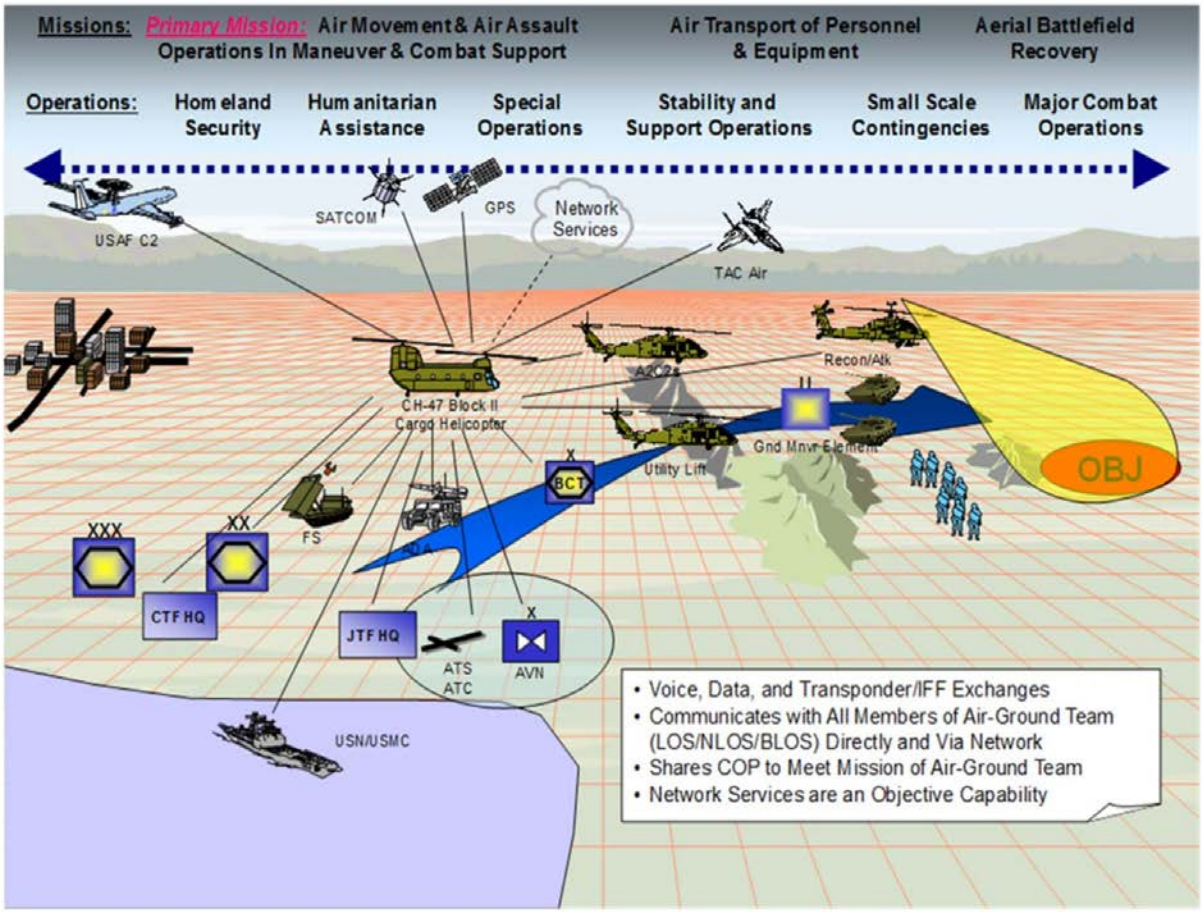
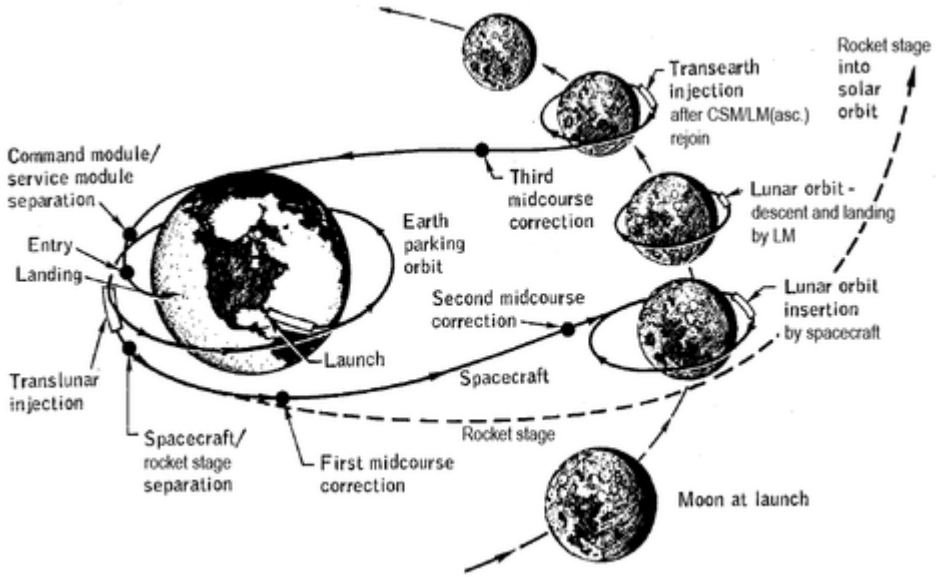


Figure 1 - Chinook Operational Concept Graphic (OV-1)

Apollo Program

Launch crew, lunar lander, and return vehicle on multistage rocket into trajectory for moon. Crew will leave return vehicle in lunar orbit while they take lunar lander to the moon surface. Crew will return to lunar orbit and rendezvous with return vehicle. Crew in return vehicle will land in ocean.



Generic Space Exploration

The overall goal of this effort is to design a communication network for manned space exportation that is: 1) Affordable, 2) Deployable, 3) Maintainable, 4) Securable, 5) Evolvable, and 6) Reliable (Robust). Failure to meet items 3 and beyond will result in a system with significant hidden costs that only materialize after full deployment. A secondary goal is to design the network such that it requires limited reconfiguration throughout system development and deployment. System deployment includes: subsystem development in a factory setting, system integration in a laboratory setting, launch preparation, launch, and deployment and operation in space – cradle-to-grave (end-of-mission)

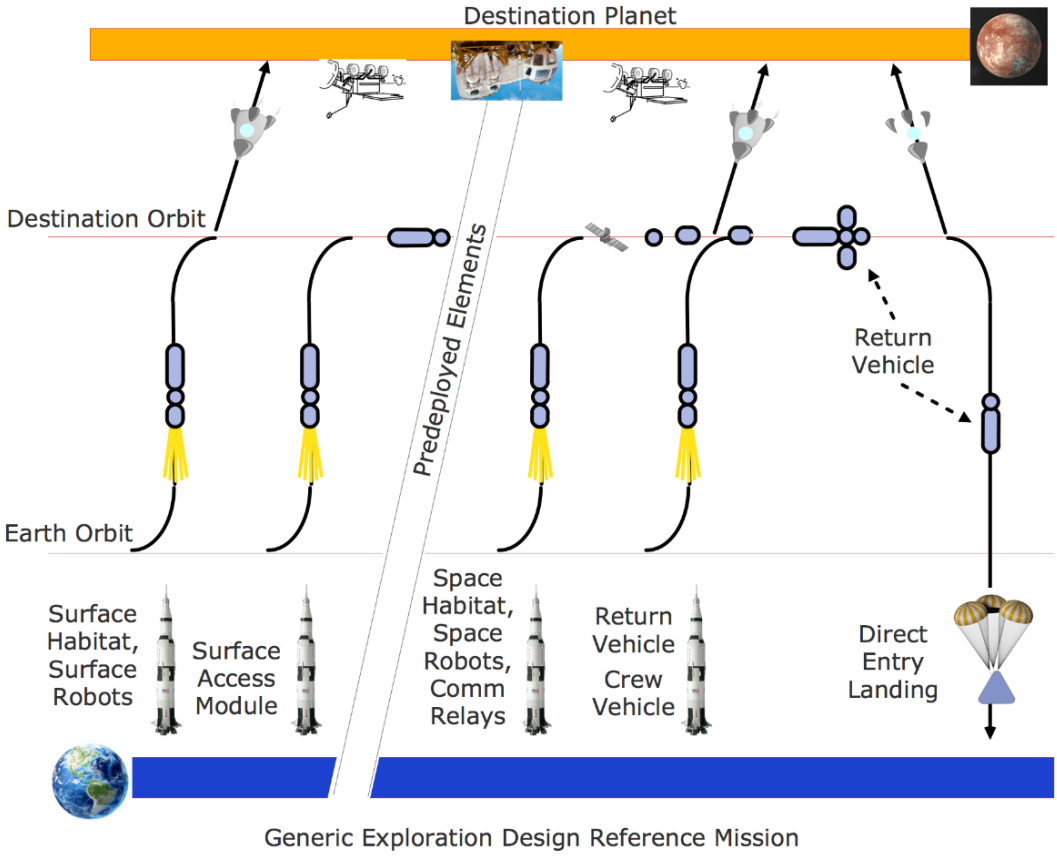


Figure 2: Generic Design Reference Mission

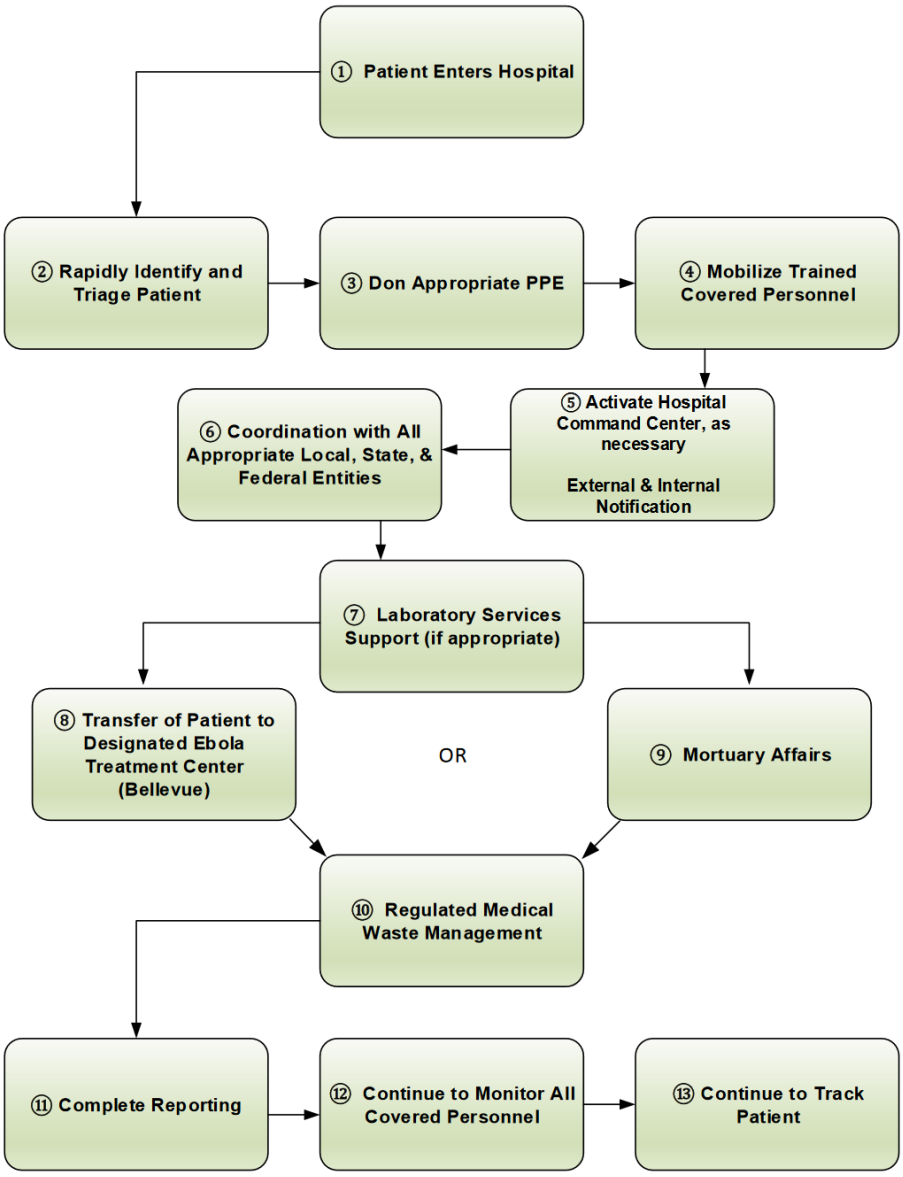
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20150016603.pdf

Ebola Response

The purpose of the Ebola Concept of Operations (ConOps) is to provide NYC Health + Hospitals a strategic high level overview based on the health care facility tiered approach to safely and effectively manage and respond to persons/patients with suspected or confirmed Ebola Virus Disease (EVD).

The jurisdictional boundaries for NYC Health + Hospitals is limited to within its own system of integrated health care systems with operating facilities in all five boroughs of New York City: Manhattan, Brooklyn, Queens, the Bronx, and Staten Island.

The diagram below depicts NYC Health + Hospitals overall approach to Frontline Facilities hospital preparation and implementation of the Healthcare Facility Tiered Strategy.



https://netec.org/wp-content/uploads/2017/03/nychh-ebola-conops-v1.pdf