


MORROW PROJECT AIRLIFT UNIT

The MPAU operates, maintains and supports two CH-54 Sikorsky Sky Cranes. Like all MP vehicles, these are powered by fusion engines. Therefore, their range is effectively unlimited. Cargo can either be carried slung below the helicopter or in one of a number of standard "pods" (all based on the standard 20-foot ISO cargo container). The maximum payload is 20,000 lb.

	<p><i>CH-54 Sky Crane specifications</i></p> <p>Crew: 3 (plus 2 jump-seats) Length: 26.9m Rotor Diameter: 21.95m Height: 5.6m Payload: 20,000lb Maximum Takeoff Weight: 47,000lb Maximum Speed: 169 km/hr</p>
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Operational Functions

- Logistical support of Project Teams. The MPAU can resupply these field units with anything they require (within the 20,000lb limit).
- Vehicle transportation and recovery. The Sky Cranes can transport any MP vehicle (other than the MARS ONE)
- Medevac: one of the standard pods is capable of transporting 12 casualties and 6 medics
- Troop Transport: The so-called "people pod" can carry up to 30 fully-equipped MARS personnel
- Pod Emplacement: these assets include a mobile command post, maintenance and repair shop, and a Mobile Hospital. The field hospital is equipped with X-Ray, lab equipment and a blood bank. It is self-powered and includes NBC protection. Surgery can be performed wherever necessary.

Note a standard ISO 20-foot container has inside dimensions of 19' 5" (length) by 7'8" (wide) by 7'9" (high). The container itself weighs 4,189lb.

Personnel

There are 70 personnel in the Aviation Unit. Members specialize in one of the following: Command, Maintenance, Aircrew, Medical, Security or Logistics.

Command: 2

Aircrew: 18

Maintenance: 22

Medical: 6

Security: 12

Logistics: 10

Vehicles

Additional vehicles assigned to the unit include the following:

XR311 (2)

Airscout (2)

Commando Ranger (4)

Commando V-150 APC (2)

Commando Scout (2)

DED Tractors (2) see "Desert Search" module

Pods

As specified by Regional Command