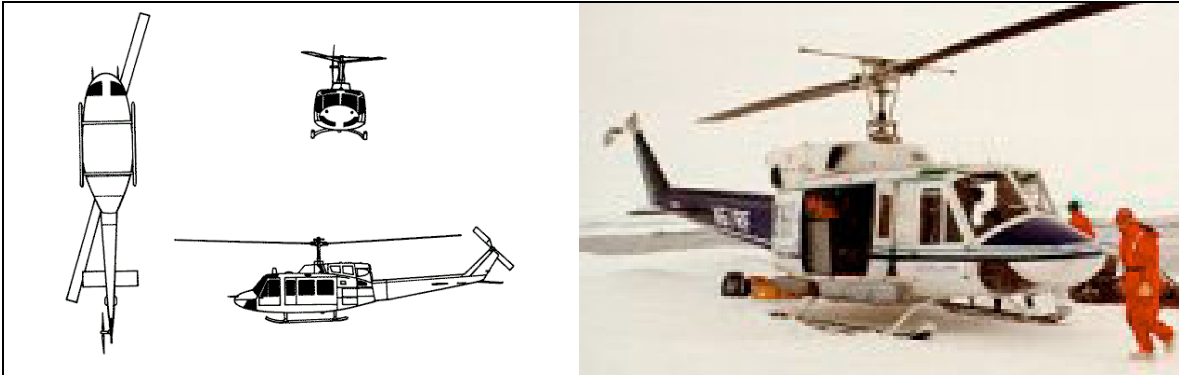


MORROW PROJECT HELIBORNE UNIT: HB1-01

VEHICLES

BELL 212 “Twin Huey”



The UH1 “Huey” is the most widely produced helicopter in the world; therefore, spare parts are relatively plentiful (and cheap). Unit HB1-01 is equipped with 4 Bell 212 helicopters (also known as the Twin Two-Twelve and Twin Huey). This is a light civilian helicopter that can be converted to paramilitary use. Originally developed for the Canadian Armed Forces, it first flew in 1968. The 212 has a fifteen seat configuration, with one pilot and fourteen passengers. In cargo configuration, the 212 has an internal capacity of 6.23 m³ (220 ft³).

The MP version is powered by two fusion packs and can carry an external load of 2,268 kg. (5,000 lb.). Like all 212 helicopters, the MP version can be converted to various roles by the addition of “mission packs” and/or weapons. All areas are protected by MP-style armor (rating 30)

General characteristics

- * Crew: 1
- * Capacity: 14 (maximum – can also carry 6 litters and a medical attendant)
- * Length: overall including main rotor 17.46 m (57 ft 3 1/4 in)
- * Length: fuselage 12.92 m (42 ft 4 3/4 in)
- * Main rotor diameter: 14.69 m (48 ft 2 1/4 in)
- * Height: 4.39 m (14 ft 4 3/4; in)
- * Main rotor area: 169.5 m² (1,825 ft²)
- * Empty: 2,517 kg (5,549 lb)
- * Maximum takeoff: 5,080 kg (11,200 lb)

Performance

- * Maximum speed: 203 km/h (109 knots) at sea level
- * Range constraints: each hour of flight requires 4 hours of maintenance
- * Service ceiling: 5,305 m (17,400 ft)
- * Rate of climb: 532 m/min (1,745 ft/min)

Mission Packs



By providing mounting brackets and attachment points, the helicopter can be fitted with machineguns, rocket pods, grenade launchers and missile-warning sensors for combat missions.

Or, for a search-and-rescue mission, the kits might include a hydraulic hoist, Nitesun searchlight, and a ball-mounted, infrared imaging sensor.

UNIT DEPLOYMENT

Units like HB1-01 are intended to operate out of a specific location and assist in the reconstruction of a specific area – but can obviously use their vehicles to redeploy as required. The bolthole would be on, or near, a high-value asset : an airfield, a port, an oilfield, a power station, an industrial park or a hospital. The unit is supplied with sufficient spares to operate for 3 years

UNIT TASKS

1. Provide a cadre of technicians and specialists to restore capabilities of a specific high-value asset.
2. Air Survey of critical infrastructure in the Area of Operations,
3. Surveillance and reconnaissance,
4. Command and liaison,
5. Communication services (everything from radio relay to airmail)
6. Casualty and medical evacuation (of MP and other personnel),
7. Troop transport,
8. Movement of quick reaction forces,
9. General logistic/transport tasks
10. Fire Support
11. Transportation of VIPs

PERSONNEL (42)

20 Mission Specialists, 16 Aircrew/Maintenance, 6 Security Specialists..

Note: the envisaged employment of vehicles is as follows:

2 helicopters in operation, 1 ready for rapid response, 1 being maintained