EMERGENCY RESCUE HELICOPTER SERVICE CAPABILITY FACT SHEET

Aircraft Information

Operator: Lloyd Helicopters trading as CHC Helicopters (Australia)
Type: Bell 412EP (“Enhanced Performance”) Huey
Engines: 2 x Pratt & Whitney Canada PT6T-3DF turbine engines

<table>
<thead>
<tr>
<th>RESCUE Six-Fifty-One</th>
<th>RESCUE Six-Fifty-Two</th>
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<tbody>
<tr>
<td>VH-EWA</td>
<td>VH-EPK</td>
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Dimensions

- Rotor Diameter: 14.0 metres
- Fuselage Length: 13.13 metres
- Max Operating Weight: 5,397 kilograms
- D-Value (used for helicopter landing site (HLS/helipad) design): 17.1 metres

Performance

- Cruise Speed: 120 knots / 230 km hr. / 3.75km minute
- Operational Radius (flight to incident, one tank of fuel, weather-dependent): Approx. 240 km (out & back)
- Deployment Range (without refuelling): Maximum 530 km

Crew & Patients

- Standard Crew: CHC Pilot, CHC Air Crewman, St John Ambulance Critical Care Paramedic / Rescue Crewman (CCP)
- Optional Crew: Royal Flying Doctor Service Clinician, Department of Health Specialist/s, other supplementary crew
- Patients: Maximum 2 unless SAR mercy mission

ICAO EPNL (Noise) Rating:
- Take-off: 92.8 dB
- Over-flight: 93.4 dB
- Approach: 95.6 dB

Equipment: Single Pilot IFR/NVG, Image-Intensifying Night Vision Imaging System (NVIS), FLIR Systems StarSafire 380HDc Thermal Imaging Sensor and HD TV and video management systems, Churchill ARS (“augmented reality”) mapping system, two-person (272kg) rescue winch, multi-agency radios, critical care medical equipment, St John Ambulance AmbiCAD. (Note: Helicopters are not fitted with sensor datalinks.)

Readiness

<table>
<thead>
<tr>
<th>Type of Mission</th>
<th>Readiness (minutes from task order)</th>
<th>Helicopter Planning Ranges</th>
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<tbody>
<tr>
<td>Primary Care Retrievals</td>
<td>15 minutes</td>
<td>400 km total distance from base to incident then to definitive care destination hospital.</td>
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<td>SAR</td>
<td>15 minutes</td>
<td>Land SAR: Variable ranges</td>
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<td>Sea Rescue: Up to 110 km off shore.</td>
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<td>Secondary Care</td>
<td>60 minutes</td>
<td>Variable ranges, depending on time-criticality</td>
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<tr>
<td>Aeromedical IHPT</td>
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