



**AIRCRAFT: EC145C-2e**

**ENGINES:** Twin Turbomeca Arreil 1E2 Engines 740 Hp for take-off

**MAX SPEED:** 145 knots (167 mph)

**AVERAGE SPEED:** 125 to 131 knots (144 to 150 mph)

**LENGTH:** 43 feet (forward tip of main rotor to aft tip of tail rotor in horizontal position)

**ROTOR DIAMETER:** 36 feet

**HEIGHT:** 11.32 feet

**WEIGHT (GROSS WEIGHT):** 7,887 pounds

**TAIL ROTOR HEIGHT:** 6' 6"

**FUEL CAPACITY (GALLONS):** 229

**SINGLE PILOT IFR WITH DUAL PILOT CAPABILITIES**

**AUTOPILOT EQUIPPED FOR INSTRUMENT FLIGHT (IFR) NAVIGATION, INCLUDING WAAS CAPABILITY FOR PRECISION GPS APPROACHES**

**REAR LOADING:**

- Large clam-shell style rear doors and self-contained Stryker stretcher with portable oxygen aids in patient loading and unloading
  - Easily reconfigures to carry isolette for newborn flights

**OXYGEN CAPABILITY:** Liquid oxygen system that carries oxygen equivalent to that of 12 "E" cylinders

**NIGHT VISION GOGGLE COMPATIBLE:** Using the latest generation Night Vision Goggles; greatly enhancing the crews night vision capability and flight safety

**WIRE STRIKE PROTECTION SYSTEM:** Provides greater protection if inadvertent flight into horizontal wires

**GLASS COCKPIT:**

- All glass, digital avionics display
- Increases pilot and crew visibility which enhances safety
- Centralizes pilot's scan to one or two areas



#### **INCREASED WINDOW SPACE:**

- Larger Windows
- Increased crew/pilot visibility

#### **OUTERLINK SATELLITE TRACKING SYSTEM WITH SATELLITE PHONE**

#### **GENESYS FLIGHT DATA SYSTEM**

- Allows GPS location identification within 3-meter accuracy
- Moving color map
- Displays satellite weather used in conjunction with weather radar.
- Displays traffic (Traffic Avoidance System)
- Displays terrain avoidance
- Displays radar altimeter

#### **HONEYWELL RDR2000 WEATHER RADAR SYSTEM**

**TECHNISONIC TDFM 9100 DIGITAL RADIO WITH UHF/VHF/800 CAPABILITIES:** Channel capacity is 510 channels per band

**REDUCED NOISE:** Rotor system improvements make it the quietest helicopter in its class

**DUAL ELECTRICAL AND HYDRAULIC SYSTEMS:** Provide greater safety

#### **SEARCHLIGHTS:**

- 800,000 candle power Super Night Scanner
  - Retractable, rotatable, searchlight system
    - 360 rotation
    - 120 degrees of extension
- Dual-mode Tri-lamp Searchlight
  - Infrared emitting lamp
  - Used with Night Vision Goggles and for night landings
  - 180,000 candle power in white light
  - Retractable, rotatable, searchlight system
    - 360 rotation
    - 120 degrees of extension