



AIRCRAFT: EC145C-2

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

WAAS CAPABLE FOR GPS APPROACHES

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

HONEYWELL MARK XXI ENHANCED GROUND PROXIMITY WARNING SYSTEM (EGPWS): Anticipates projected flight path and warns of terrain obstacles

TRAFFIC INFORMATION SYSTEM (TIS):

- Aircraft avoidance system
- Night Vision Goggle (NVG) compatible



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

DUAL WAAS GPS: Garmin GNS430W and GNS530W

- Allows location identification within 3 meter accuracy
- Moving color map
- Displays satellite weather (XM Weather)
- Both do Nav/Com/GPS

XM SATELLITE WEATHER:

- Equivalent to Weather Radar with a two minute delay
- Utilized in conjunction with Weather Radar for IFR flight

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