AIRCRAFT: EC135 T2+

ENGINES: Twin Turbomeca Arrius 2B2 engines 634 shp

MAX SPEED: 140 knots (1671mph) AVERAGE SPEED: 125 to 131 knots (144 to 150 mph)
LENGTH: 39’ 11” (forward tip of main rotor to aft tip of vertical stabilizer)

ROTOR DIAMETER: 33 feet 6”

HEIGHT: 11’ to top of main rotor cap

11’ 6” to top of vertical stabilizer

TAIL ROTOR: 10 blade enclosed Fenestron type tail rotor (essentially a ducted fan)

WEIGHT (GROSS WEIGHT): 6415 pounds

FUEL CAPACITY (GALLONS): 187

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 Ferno Litter

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

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