

# Pediatric Medical Transport Helicopter Fact Sheet



## Airbus EC145 C-2

### Purpose-Built for Pediatric Helicopter Air Ambulance Missions

The **Airbus EC145 C-2** (BK117 C-2) is a proven, versatile aircraft engineered to meet the demanding needs of **pediatric air medical transport**, where safety, stability, and patient-centered design are paramount. Its capabilities make it a **valuable addition to the EastCare Transport Team**, strengthening the program's ability to deliver advanced, reliable care to children and families across the communities it serves.

### Built for Children, Designed for Care Teams

The EC145 C-2 features a spacious, flat-floor cabin that allows **unrestricted access to pediatric and neonatal patients**. This design enables medical teams to perform critical interventions efficiently while maintaining a calm, controlled environment—providing reassurance to families and confidence to care providers.

### Advanced Flight Deck Focused on Safety

An advanced glass cockpit with **Primary Flight Displays (PFDs), Navigation Displays (NDs), and a Central Panel Display System (CPDS)** enhances pilot situational awareness and reduces workload. For hospital leadership, this translates to **increased operational safety and consistency**; for the community, it means dependable transport when every second matters.

### Quiet, Smooth, and Patient-Friendly

Airbus' **Variable Rotor Speed and Torque Matching System (VARTOMS)** makes the EC145 C-2 the **quietest helicopter in its class**. Reduced noise and vibration support:

- A calmer experience for pediatric and neonatal patients
- Clear communication among the medical crew
- Improved ability to monitor subtle changes in patient condition

### Reliability That Supports Mission Readiness

High **Time Between Overhaul (TBO)** components and a robust rotor system minimize maintenance downtime and maximize aircraft availability. This reliability ensures **EastCare remains ready to respond**—supporting hospital throughput, regional coverage, and uninterrupted patient care.

### All-Weather Capability for Community Access

The EC145 C-2 is **Instrument Flight Rules (IFR) capable**, allowing safe operations in a wider range of weather conditions. This capability increases mission completion rates, expanding access to specialized pediatric care for communities when ground transport or weather limitations would otherwise delay treatment.

**The EC145 C-2 reinforces EastCare's commitment to safety, compassion, and clinical excellence—serving both hospital partners and the families who depend on timely, lifesaving pediatric transport.**