

Specification sheet

Cessna Citation C680 Sovereign+



Operational features

Worldwide air ambulance operations (intensive care transports, repatriations)

Crew

2 pilots, emergency paramedic / anesthesiologists and intensive care nurse, emergency physician; additional crew members as required depending on the flight route

Medical Equipment

Mobile equipment: emergency backpack, multifunctional ECG-defibrillator unit, corpuls C3T (with 12-lead ECG, SpO₂, NIBP, IBP, etCO₂, temperature measurement, external pacemaker), transportable intensive care ventilator Hamilton T1, mobile oxygen supply of 1,740 liters (modularly expandable), mobile suction pump, Braun Space syringe pumps and infusion syringe pumps, emergency backpack for toddler and infant care, corpuls CPR resuscitation aid, blood gas analysis, Vscan air sonography, Flexicare ProVu video-laryngoscope

Diagnostics (mobile and onboard): ECG-defibrillator unit corpuls C3T (with 12-lead ECG, SpO₂, NIBP, IBP, etCO₂, temperature measurement, external pacemaker), sonography, blood gas analysis

Ventilation: Transportable intensive care ventilator Hamilton T1 including redundancy with both invasive and non-invasive ventilation options, oxygen inhalation, suction pump

Circulation: Biphasic defibrillator, external pacemaker, temporary internal pacemaker, 3 syringe pumps (amount expandable), 1 infusion pump (amount expandable)

Trauma care: Vacuum mattress, cervical support

Gas supply: Oxygen 15,000 liters in a single-stretcher configuration (expandable as needed)

Storage compartment: Patient care set, medical spare materials, nursing equipment, vacuum mattress, onboard pharmacy, storage materials, infection control kits

Cabin: Medical equipment and materials for therapy and patient care during the flight, compressed air pumps, converter and inverter for internal power supply

Options: Various splinting systems, storage systems for toddler and infant transportation, specialized equipment for toddler and infant care

Patient capacity / Seat configuration

1-2 stretchers for lying patients

Seat for accompanying person upon request, toilet/washroom available

Performance & Specifications

Manufacturer:	Cessna / Textron Company, Wichita, USA
Engines (2):	Pratt and Whitney 306D Turbofan
Max. Power, per Engine:	2,600 kg Thrust
Cruise Speed:	appx. 780 km/h / 422 kts

Range:	appx. 5,500 km / 2,970 nm
Fuel Load:	6,470 liters
Max. Takeoff Weight:	13,959 kg
Dimensions:	Length: 19.36 m, Height: 6.12 m, Wingspan: 22.04 m