

Seamless critical care across the country >

Be it a time-critical primary retrieval from the remote community of Nhulunbuy, or the interhospital transfer of a premature neonate to Brisbane, the RFDS can ensure a consistent ICU level of care at every stage of the journey.



Long Haul & Interstate Aeromedical Services >



GENERAL ENQUIRIES >

- > **Darwin Base**
10a Lancaster Road, Eaton NT 0820
08 8998 9940
- > **Adelaide Base**
1 Tower Road, Adelaide Airport SA 5950
08 8238 3333
- > flyingdoctor.org.au/sant/jet

24/7 TASKING & QUOTING >

- > **Northern Territory**
1800 RFDS NT (1800 733 768)
- > **South Australia**
1800 RFDS SA (1800 733 772)



Capability Statement

RFDS PC-24



The ultimate flying intensive care unit >

ICU CAPABILITY FOR THREE STRETCHERED PATIENTS

flexibility to transport multiple ventilated patients (ECMO/IABP capability)

COMPLETE NEONATAL MATERNAL SOLUTION

postpartum mother and newborn/s (two Mansell Units) travel together

ADVANCED BARIATRIC SOLUTION

enhanced stretcher and stretcher-loader weight lifting capabilities (230kg)

SEAMLESS PATIENT LOADING SYSTEM

bespoke rear door and electric stretcher-loader for optimum patient safety

CERTIFIED FOR SINGLE-PILOT OPERATION

unrivalled operational efficiency and payload carrying capability

UNPAVED AIRFIELD CAPABILITY

unmatched airfield access and mobility in remote parts of the country

SUPERIOR SHORT-FIELD TAKE-OFF/LANDING

greater operational flexibility and access to remote aerodromes

CONTINUOUS ON-GROUND POWER

constant electrical supply for medical equipment and climate control on tarmac



INTENSIVE CARE

- ▶ Retrieval Consultants, Registrars and MRCs with ANZCA, ACEM and/or ACCRM training
- ▶ Flight Nurses with ICU/ED qualifications and experience
- ▶ Medical fit-out supports full range of adult life-support systems (ECMO/IABP capability)
- ▶ Customised configuration for paediatric/neonatal ICU systems (two Mansell Units concurrently)
- ▶ Capacity to carry three stretchered ICU patients plus four clinicians
- ▶ Dedicated oxygen/suction/power supply to each ICU patient
- ▶ Fully integrated mobile/satellite, GRN and VHF/HF communications
- ▶ Spacious medical cabin with continuous flat floor



SAFETY & RELIABILITY

- ▶ Pilatus' ACE™ avionics system for optimal guidance capability
- ▶ Advanced Utility Management System for superior aircraft monitoring and performance
- ▶ Dual-wheel main landing gear designed for landings on unpaved airstrips
- ▶ World-renowned Williams International FJ44-4A jet engines
- ▶ Next generation Traffic Collision Avoidance System (TCAS II)
- ▶ Pilatus' Synthetic Vision System™ for high-tech simplicity



PERFORMANCE

- ▶ Maximum cruise speed of 815km/h (440 knots)
- ▶ Aeromedical range of 3,400km (Darwin to Melbourne)
- ▶ Aeromedical payload >1,000kg
- ▶ Maximum altitude of 13,716m (45,000 feet)
- ▶ Sea level pressurisation to 7,163m (23,500 feet)
- ▶ Minimum runway length 1200m (RFDS operations)

Certainty in a complex environment >

An expert team

A highly skilled team of Consultant-led Retrieval Doctors and Critical Care Nurses — backed by a 24/7 Operations Communications Centre — will provide safe and consistent critical care at every point of the patient journey.

A proven asset

The world's first purpose-built aeromedical jet, the RFDS PC-24 packages the RFDS's signature aeromedical interior and seamless patient loading system with the unparalleled performance of the Pilatus PC-24 Super Versatile Jet.

