



Medical Capabilities

The Rio Tinto LifeFlight jet is the only permanently configured aeromedical jet in Australia with the capacity to:

- > carry two critical-care stretcher patients and two medical teams at one time,
- > carry three stretcher patients and up to three clinical staff at once,
- > to fly non-stop from any location in Western Australia to Perth, in approximately three hours, maintaining a sea level cabin if required,
- > undertake interstate transfers, without refuelling stops in most circumstances,
- > load and carry Mansell Neocots without modification,
- > undertake retrievals from Christmas and Cocos Islands with a short response time and dedicated aeromedical layout.

The LifeFlight jet is configured with:

Dual Lifeport PLUS aeromedical modules in tandem configuration, which each provide for—

- > Lifeport TS stretchers and equipment arches
- > Medical oxygen of 6400 Litres for each stretcher
- > Mains power of 240V at 4 Amps for each stretcher
- > Medical suction

In addition the aircraft has:

- > 28V DC electrical power outlets
- > Custom side liners and vinyl floors for easy cleaning and spill containment
- > Oxygen, suction and power - additional outlets plumbed to the walls
- > Hands-free satellite phone communications system
- > Custom medical cabinet 4 drawer with pull-out procedures tray
- > Custom storage cabinets for medical oxygen and equipment
- > Custom three seat divan which converts to third stretcher with gas-assisted back rest
- > Toilet

Biomedical critical care equipment carried on the Rio Tinto LifeFlight jet includes:

- > Oxylog 3000 intensive care transport ventilator
- > Oxylog 1000 transport ventilator
- > Propaq 200 transport monitor with NIBP, IBP, Capnometry, SaO₂, printer
- > Propaq 200 small with NIBP, IBP, SaO₂
- > Zoll E series cardiac monitor-defibrillator (NIBP, SaO₂, 12 lead, pacing)
- > B.Braun Perfusor 'Space' syringe drivers
- > Asena pumps / B.Braun Infusomat volumetric (IV) pumps
- > Huntleigh Fetal Dopplex (obstetric monitoring)
- > i-STAT biochemical analyzer
- > Sonosite Micromaxx portable diagnostic ultrasound (with multiple probes)
- > Standard RFDS Drug Box
- > Standard RFDS Medical Consumables
- > Splints, consumables
- > Welch Allyn Diagnostic set
- > Glucometer
- > Ezi-IO intraosseous drill set
- > Portable medical oxygen 'C' size