



# AVRO RJ85 AIRTANKER

THE FUTURE GENERATION IN AERIAL FIREFIGHTING





# THE FUTURE GENERATION

Conair and Field Air introduces the BAe Systems Avro RJ85 Airtanker to Australia, the latest development in aerial suppression products and services. The Avro RJ85 is the pinnacle of aerial firefighting tools today and Conair's unique design has put the Avro RJ85 Airtanker in a class of its own.



## AIRTANKER PERFORMANCE

The Avro RJ85 Airtanker boasts four Honeywell LF507-IF engines exceeding industry performance standards with better fuel efficiency, a full glass cockpit, increased wing structural improvements, multiple flight simulator locations and a minimum twenty year service life.

The RJ85 Airtanker provides increased zero fuel weight (ZFW) and Maximum Gross Takeoff weight (MGTOG) capability to ensure payload capacity up to 12,253 litres and a customer preferred fuel endurance requirement of 3.5 hours are achieved.

Built between 1992 and 2002, significant modern improvements have been made to the Avro RJ85 over earlier models. Conair's next generation airtanker program is highlighted through their modern RJ85 airframe, Conair's in-house designed and certified retardant delivery system, significant aircraft weight reduction, SgS advisory system, avionics upgrades and operational loads monitoring and certification.

## SPECIFICATIONS

### AIRCRAFT SPECIFICATIONS

Maximum Take-off Weight:	97,000 lbs (43,998 kg)
Maximum Zero Fuel Weight:	79,000 lbs (35,833 kg)
Maximum Landing Weight:	85,000 lbs (38,555 kg)
Wingspan:	86 feet 5 inches (26.34 metres)
Overall Length:	93 feet 8 inches (28.55 metres)
Tail Height:	28 feet 3 inches (8.61 metres)

### AIRCRAFT PERFORMANCE

Cruise Speed Loaded:	380 knots (703 kph) @ 18,000 ASL*
Loaded:	355 knots (657 kph) @ 12,500 ASL*
Drop Speed:	125 knots (231 kph)

\*ASL = Above Sea Level

### DELIVERY SYSTEM SPECIFICATIONS

Retardant/Water Payload:	27,000 lbs (12,246 kg)
Tank Capacity (Retardant):	3,000 US gallons (11,355 litres)
(Water):	3,237 US gallons (12,253 litres)



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