



## STATE AIRCRAFT UNIT VICTORIA – AIRCRAFT FACT SHEET

# Conair CV-580

## with RADS II-220 retardant delivery system

<b>Aircraft Type</b>	Conair Conair CV-580 Multi engine air tanker (MEAT)	
<b>Aircrew</b>	Pilot / Second officer	
<b>Capability</b>	VFR fire fighting operations	IFR Repositioning
<b>Specified min. take off distance</b>	5000 feet	1524 metres
<b>Engines / Propellers</b>	Allison 501 D13 3750 shp	Aero-products A6441FN-606A
<b>Additional capabilities</b>	Water Methanol Injection	Traffic Collision Avoidance Detection
<b>Gross Take-Off Weight</b>	58,156 pounds	26,379 kilograms
<b>Empty Weight</b>	31,500 pounds	14,288 kilograms
<b>Maximum landing weight</b>	52,000 pounds	23,586 kilograms
<b>Wingspan</b>	105 feet 4 inches	32.10 metres
<b>Length</b>	81 feet 6 inches	24.84 metres
<b>Height</b>	29 feet 2 inches	8.89 metres
<b>Cruise Speed</b>	No suppressant fully loaded	285 knots (at 8000 feet ASL) 265 knots (at 8000 feet ASL)
		527 kilometres/hour 490 kilometres/hour
<b>Minimum drop speed</b>	125 knots	231 kilometres/hour
<b>Fuel Types</b>	Turbine Jet "A", "B"	
<b>Operational fuel uplift</b>	8,000 pounds	4235 litres
<b>Operational fuel consumption</b>	2700 pounds/hour.	1225 litres/hour
<b>Endurance</b>	No suppressant fully loaded	5.0 hours 3.0 hours
<b>Range</b>	No suppressant Fully loaded	1425 nautical miles 945 nautical miles
		2639 kilometres 1750 kilometres
<b>Operational loiter speed</b>	150 knots	277 kilometres/hour
<b>Delivery system</b>	Aero Union RADS II-220 Tank-Constant (variable) flow	
<b>Capacity</b>	2100 US-Gal	7950 litres
<b>Compartments / Drop doors</b>	1	2

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