# 

Large Air Tankers (LAT) and Very Large Air Tankers (VLATs) arrived in NSW for the 2015/16 fire season. Faster airspeed and larger fuel tanks enable LATs and VLATs to deliver more suppressants in a shorter time frame than the aircraft currently in use in Australia to date. They can reach almost any location in NSW within an hour while carrying a full payload and the capacity to immediately contribute to the local firefighting effort. A lead plan accompanies the air tanker on their missions to assess the fireground and determine the most effective firefighting tactics. The LAT/VLAT program is on trial for two years. Here is a profile of the aircraft that were used for the 2015/16 fire season. An assessment will be done of the 2015/16 trial to determine which aircraft will be used in the 2016/17 fire season.



### **NSW RFS AIR SUPPORT**

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# VERY LARGE **AIR TANKER**

### **DC10 SOUTHERN BELLE**

The Southern Belle DC10 arrived in NSW in October 2015 as part of the two year trial of Very Large Air Tankers in NSW. With cruising speeds of up to 650kph, it can reach any location in NSW within an hour and is capable of dropping 44,000 litres of water or suppressant (gel or retardant).





ACTUAL DROP RATE IS COMPUTER CONTROLLED BY IE FLIGHT CREW IN RDER TO PRODUCE

ALL THREE TANKS CAN BE FILLED SIMULTANEOUSLY ON THE GROUND II

LEAD PLANE TO ASSESS FLIGHT PATH AND DROP

CRUISING SPEED (LOADED) OF 650KPH



TO DROP

THREE EXTERNAL TANKS ARE BUILT B ERICKSON AND ARE

### FULL PAYLOAD AIR TANKERS CAN REACH

CAPABLE F SPLIT O

ENTIRE LOAD CAN BE DUMPED IN EIGHT SECONDS

# ALMOST ANY LOCATION IN NSW WITHIN AN HOUR

TRAVELS AT 650KPH WITH MAXIMUM PAYLOAD

MAXIMUM PAYLOAD RANGE OF 1.950KM OR THREE HOURS FLYING TIME FROM AIRBASE



CAN BE USED FOR INITIAL ATTACK ON SMALL FIRES

CAPABLE OF

IF FURNISHED SEATS COULD CARRY 350





CALLSIGN BOMBER 910



## **NSW RFS AIR SUPPORT**

CRUISING SPEED UP TO 500KPH

NSW RURAL FIRE SERVICE







PERVISOR