



## ATTACHMENT 5

### Very Large Airtanker Project Victoria 2010

#### VLAT-Project Operations Program

#### Avalon Airbase Site Plan

#### Avalon Airbase January 2010

Both the VLAT Service provider and the Agencies are required to secure and occupy a number of facilities and buildings to accommodate aircrew, operational support personnel, equipment and services to fulfil the Service. The Contractor and the Agencies will be responsible for each of the functional units under their direct control.

- Site A: VLAT Service provider's office and rest area accommodation.
- Site B: Agency office and rest area accommodation.
- Site C: Tee Pee storage area.
- Site D: Bladder Farm
- Site E: Water Cells.
- Site F: Retardant plant
- Site G: Aircraft parking
- Site H: Stormwater Recovery Area
- Site I: Aircraft wash area

#### Overview of Avalon Airbase

Image shows areas occupied by both the Agencies and the VLAT service provider.



Source: NearMap Pty Ltd.

Key locations shown are the airbase footprint, which is incorporated into operational facilities of Avalon Airport Operations and the location of the bulk retardant storage facility.

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## Avalon Airbase January 2010

A number of facilities and buildings have been secured to accommodate aircrew, operational support personnel, equipment and services to fulfil the Service. The Contractor and the Agencies will be responsible for each of the functional units under their direct control.

Site A: VLAT Service provider's office and rest area accommodation.

- Requirements and provisions assigned to VALT Service provider.

Site B: Agency office and rest area accommodation.

- This area consists of two 3m x 9m portable buildings 5m apart and facing each other one as an Agency office with phone fax and wireless internet available and the other as a rest area with a kitchenette.

Site C: Tee Pee storage area.

- The Tee Pee storage area in a roofed area 26m x 32m which is used for storing bagged retardant and aircraft maintenance equipment.

Site D: Bladder Farm

- The bladder farm is an area 25m x 25m which has four 95,000litre bladders each 10m x 10m to store bulk water which feeds the water cells.

Site E: Water Module.

- A water cell consists of two 30,000litre ISO container style wet storage units and there are three water cells on site taking up a total area 20m x 6m.

Site F: Retardant plant

- The retardant plant is in an area that can be accessed by machinery during operations and takes up a total area 30m x 40m which includes two dip tanks, approximately 20 bags of retardant and the loading pumps and hoses

Site G: Aircraft parking

- The Aircraft parking is a 75m x 50m area on the North East corner of the keyhole adjacent to the loading area.

Site H: Stormwater recovery area

- The stormwater recovery area is an area on the north west corner of the keyhole that has sufficient water storage for flushing of the Aircraft tanks and pressure washing of the Aircraft

Site I: Aircraft wash area

- The Aircraft wash area is 50m x 55m it is located on the North West side of the keyhole near the stormwater recovery area so that the wash water is collected and recycled.



Source: NearMap Pty Ltd.

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## Reloading infrastructure



Source: NearMap Pty Ltd.

Image shows key infrastructure to support BOM 391.

- Site C: Bladder Farm
- Site D: Water Cells.
- Site E: Retardant plant
- Site F: Aircraft parking

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**Environmental hygiene management area**

Source: NearMap Pty Ltd.

Image shows additional infrastructure to support BOM 391.

- Site F: Aircraft parking
- Site G: Aircraft wash down
- Site H: Stormwater Recovery Area

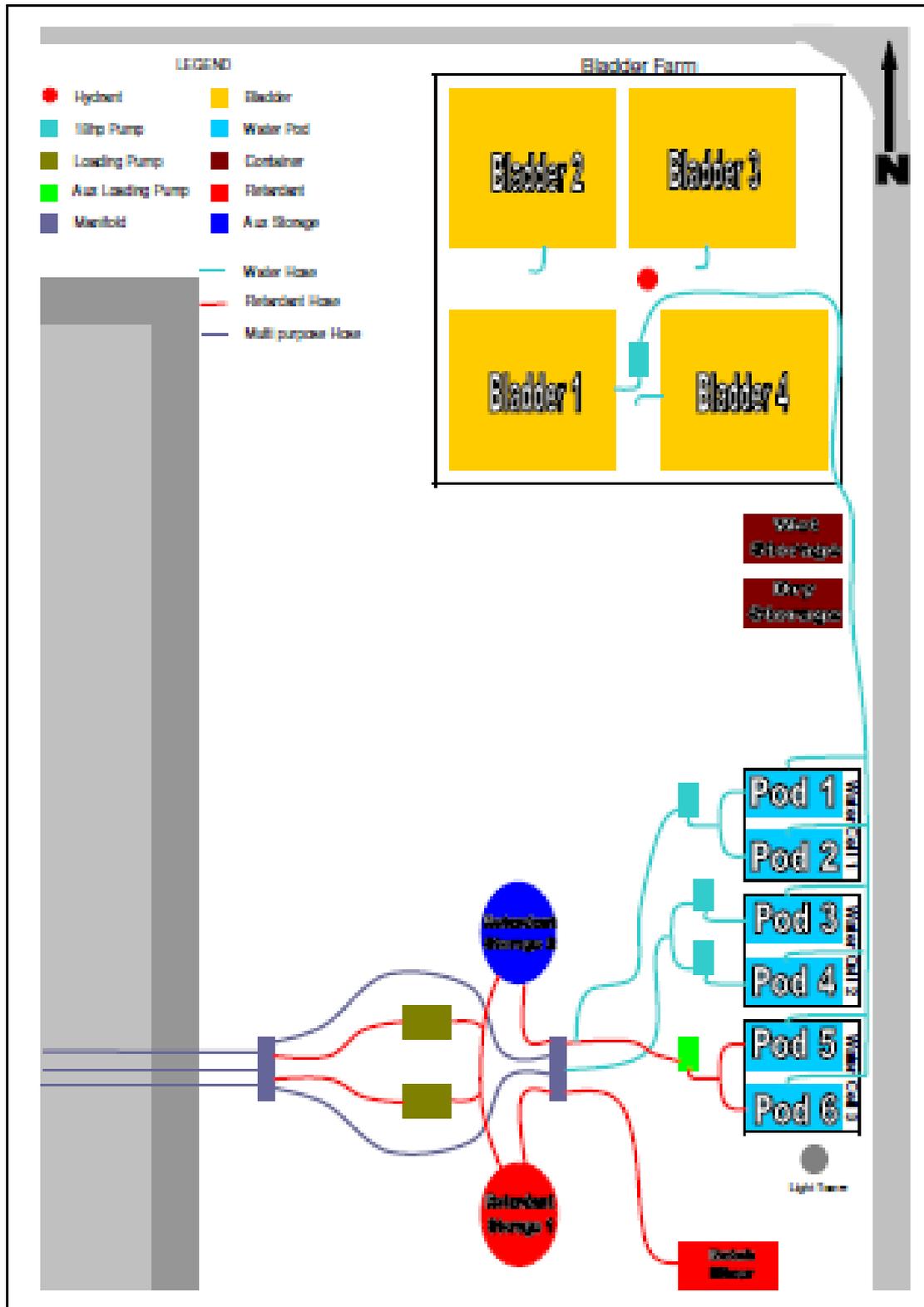
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**Volume**

The supply of consumables, retardant and fuel are calculated on maintaining a fire bombing operation on a one hour turn around from the operational base. The minimum retardant production rate is 90,000-litres (24,000-gal US).

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**Schematic January 2010**



**Further information**

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