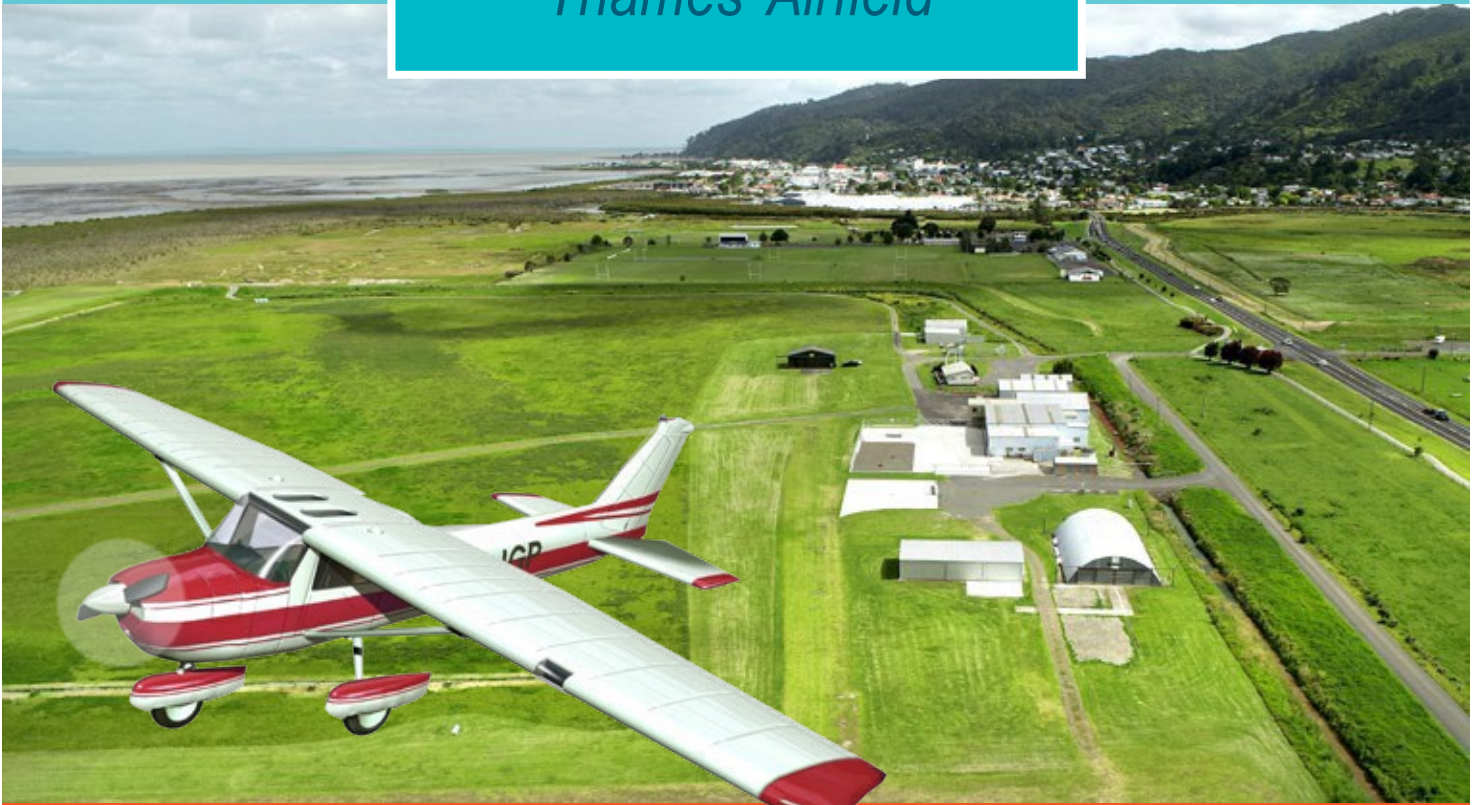


*Sir Keith Park  
Memorial  
Thames Airfield*



***Hangar Development  
Design Specifications***

March 2023



[tcdc.govt.nz/thamesairfieldhangars](https://tcdc.govt.nz/thamesairfieldhangars)

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# Thames-Coromandel District Council

## Thames Airfield - Sir Keith Park Memorial Airfield

### Hangar Development Design Specifications

#### 1 Introduction

The Thames Airfield was named in honour of former Thames resident Air Chief Marshal Sir Keith Park, Commander of 11 Group Fighter Command during the Battle of Britain.

Sir Keith Park Memorial Airfield is situated on the western side of the Coromandel Peninsula within the Thames Community Board ward of the Thames-Coromandel District. The airfield lies just to the south of Thames township on the Ngati Maru Highway. It is bordered by the Waihou River on its western flank, and State Highway 25 to the east (Ngati Maru Highway), Rhodes Park and a rugby field to the north and oxidation ponds to the south.

The airfield is owned by the Thames-Coromandel District Council and operates on the periphery of Thames township, and near rural zones with farming in the larger surrounding areas.

The airfield has some commercial activity and is one of several small airfields on the Coromandel Peninsula servicing the needs of the general aviation community throughout the region.

With growth in all forms of aviation and a corresponding growth need for more aircraft storage of all types, Council has implemented development plans as referenced in the Thames Airfield Master Plan.

#### 2 Related Documents

A number of strategic documents form part of the process that the Hangar development must comply with. These need to be read in conjunction with this document and are considered part of the overall design specification:

a) *The Thames Airfield Master Plan*: this strategic document safeguards the future opportunity of the airfield for all activities. Infrastructure, hangars, land and development plans are discussed in detail.

b) *The Thames-Coromandel District Plan*: the District Plan is the tool that all building developments must comply with. This also governs the type of activity that can be carried out at the Thames airfield in association with the airfield Designation.

c) *Thames Airfield Designation*: the Designation details what is allowed to occur on the airfield.

d) *Building Act*: all buildings must comply with the Building Act.

e) *Tonkin & Taylor Thames Aerodrome Development Pre-feasibility Study Site 3: Aerodrome North*

f) *CAA Regulations*: as referenced in the Thames Airfield Master Plan and Designation

g) *Outline Plan*: this satisfies the requirements of the Reserve Management Act regarding the Designation and must be submitted prior to any building consent. Refer to the Definitions in the Deed of Lease.

h) *Deed of Lease*: For ground rental only.

#### 3 Hangar Development Site Layout (H1 to H8) – Stage One

[Layout diagram is here](#)

#### 4 Hangar Design and Colours

- Alpine Buildings ‘Gable Shed’ design, or similar approved. Refer website [www.alpinebuildings.co.nz](http://www.alpinebuildings.co.nz)
- Note – alternative foundation design will be considered however all other design guidelines and colours must be met.
- Tee hangars comprising four conjoined hangars (H1 to H6) to house up to four Cessna 172 size aircraft.
- Hangars H7 and H8 suitable to house one Cessna 172 size aircraft.
- Must be new Colorsteel construction (no relocated buildings)
- Aluminium window joinery in colour Titania (if any).

#### Colours

- The body of the building and entry door will be Colorsteel Flaxpod
- The main hangar door, roof and trim will be Colorsteel Titania
- Hangar number will be on the entry door and will be Colorsteel Titania. Dimensions – height 30cm, width 9cm. Font – Arial. (note no other signage permitted on exterior of hangar.)

## 5 Hangar Apron, Landscaping and Car Parking

#### Hangar apron

- For sites H1 to H6 the concrete apron is part of the ground lease footprint 943m<sup>2</sup>, and must be installed as part of the overall hangar construction.
- For sites H7 and H8 an allowance of 52m<sup>2</sup> has been made in the lease for the apron
- Must be engineered to withstand 757kgs (the weight of a Cessna 172)

#### Landscaping

- Grass only (no tress, shrubs or other plants) that will be mowed as part of the Thames-Coromandel District Council service contract

#### Car parking

- On apron area and between the hangars only

#### Other structures

- A temporary shed is allowed on the site during construction of the hangars. Note the shed must be removed immediately upon completion of construction.
- The site establishment area location to be agreed with Council.