



NEW ZEALAND AIR GAMES 27-28 December 2007

Flying NZ is proud to be presenting the Inaugural New Zealand Air Games in Wanaka on 27 and 28 December 2007.



Flying NZ began over 75 years ago as the Royal New Zealand Aero Club Inc. (RNZAC) and now has over

4000 Pilot members. Flying NZ is the umbrella organisation for 45 aero clubs nationwide. It is also the New Zealand representative of the Fédération Aéronautique Internationale (FAI), and the National Airsport Control for New Zealand. As the New Zealand FAI representative Flying NZ is responsible for ensuring the interests of all New Zealand aviation groups are accounted for on the world stage. It is dedicated to promoting the highest possible standard of flight training and practice for recreational aviation.

Flying NZ wants to improve the public awareness of aviation sports and increase the membership of all sports aviation groups in New Zealand. Flying NZ considers that the New Zealand Air Games provides a perfect vehicle for achieving this vision.

The New Zealand Air Games have been sanctioned by the FAI as a national event, and it is intended that it becomes a **biennial event**. Future events will be hosted around New Zealand or could be permanently based in Wanaka.

It also the initial event in a **new international series** - **Air Sports Live**, and a pilot model for the FAI World Air Games, which will be occurring in Turin, Italy, in 2009.

Leading edge **television and internet streaming** coverage of the event is being organised by Air Sports Ltd to provide exposure of the ten sports to a national and international audience.



THE EVENT

The NZ Air Games will be based at Wanaka Airport on 27 and 28 of December 2007. A weather day of 29 December is scheduled.

Spectator events will start at 10am and finish by 5pm each day. Most events will be based at Wanaka Airport, but some will be based at Treble Cone or the Lake Wanaka waterfront.

Some events, such as ballooning and speed gliding will occur early in the morning to avoid thermal conditions. These will be pre-recorded for subsequent rebroadcast on giant screens at the airfield.

Control of the airspace will meet full compliance with CAA and Airways requirements to ensure the safety of the event.







THE SPORTS

Ten air sports disciplines are going to be featured in the NZ Air Games using new sports TV technologies that will create unprecedented global news and sports programming exposure.

The formats are:

Skydiving

New formation and freefall events. New Wingsuit racing around free-falling pylons. *Location: Above Wanaka Airport*.

Swoop parachuting

High speed landings over water. *Location: Lake Wanaka waterfront.*

Hang Gliding

Aerobatics, precision landings and high speed, low altitude slalom racing through gates and turn points. XC racing. Locations: Wanaka Airport, Treble Cone, and Wanaka Airport finishing at Pembroke Park.

Paragliding

Synchronised aerobatics, cross country racing and Blade Running. *Locations: Lake Wanaka waterfront, Treble Cone, and finish at Pembroke Park.*

Gliding

The world's top 20 pilots will be competing in a head-to-head World Sailplane Grand Prix Final. *Location:* Wanaka Airport.



Helicopters

Precision tasks and cross-country navigation. Top military and civilian pilots will be in direct competition with each other. *Location: Wanaka Airport.*

Powered aircraft aerobatics

Dramatic world-class aerobatics in a tight, 1 square kilometre cube. *Location: Wanaka Airport.*

Aero models

Intricate remote controlled models perform stunts.

Rockets, jets, fixed wing aircraft and helicopters.

Location: Wanaka Airport – western grass area.

Microlights

Combined speed and economy races show that excitement and low environmental impact can go hand-in-hand. *Location: Wanaka Airport*.

Experimental and vintage aircraft

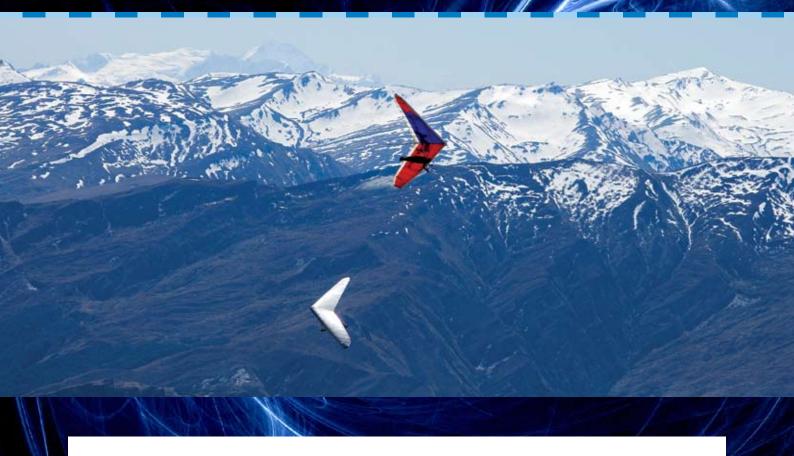
New approaches to aerodynamics, speed, fuel economy and computer controls are all trialled in these new aircraft. New and old aircraft will participate in handicap races. *Location: Wanaka Airport*.

Balloons

Precision cross-country tasks. *Location: Start Wanaka*Airport or Pembroke Park. Finish Cardrona River bed.



Indicative timetable of events for NZ Air Games													
	Start	Finish	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
Aerobatics	Airfield	Airfield											
Aeromodels	Airfield	Airfield											
Ballooning	Airfield or Pembroke	Cardrona Riverbed											
Experimental & Vintage	Airfield	Airfield											
Gliding	Omarama / Airfield	Airfield											
Hang gliding XC	Airfield	Pembroke Park											
Helicopters	Airfield	Airfield											
HG Speed Flying	Treble Cone	Treble Cone											
Microlights	Airfield	Airfield											
Paragliding acro	Lake Wanaka	Lake Wanaka											
Paragliding XC	Treble Cone	Pembroke Park											
Skydiving	Airfield	Airfield											
Swoop parachuting	Lake Wanaka	Lake Wanaka											
Intermittent events Start and finish can be scheduled Single start / continuous Start can be scheduled, but finish open Start / finish away from airfield													



NEW TECHNOLOGIES

The Air Sports Live series, a new international circuit incorporating the inaugural New Zealand Air Games, is made possible by a wide range of new TV sports technologies.

Much of the coverage will be in full High Definition

to create maximum impact with a global TV audience.
 The combined power of these technologies will produce a milestone in TV



sports coverage. It is expected that the New Zealand



multisport event will be the world's most sophisticated outside broadcast project.

Key features of the TV coverage will be:

- Real-time 3D graphics will explain complex air sports strategies
- Over 100 minicams will put the viewer in the middle of dramatic action
- Special stabilised helicopter camera systems will provide dramatic air-to-air coverage
- Multiple microwave links will tie together aerial coverage from up to 100 kilometres away
- Expert sports commentators will cover each discipline – often while airborne, flying alongside the competitors
- Multiple on-screen graphic elements will reveal 'hidden' turn points, aerobatics performance cubes, split competitor race times, vertical/horizontal speeds and real time G-forces.



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