

DRONES PARKS POLICY

of Palmerston North

GENERAL CAA RULES FOR FLYERS

Part 101 Operations

1. Do not operate an aircraft that is 25 kg or larger and always ensure that it is safe to operate.
2. At all times take all practicable steps to minimize hazards to persons, property and other aircraft (ie, don't do anything hazardous).
3. Fly only in daylight.
4. Give way to all crewed aircraft.
5. Be able to see the aircraft with your own eyes (eg, not through binoculars, a monitor, or smartphone) to ensure separation from other aircraft (or use an observer to do this in certain cases).
6. Not fly your aircraft higher than 120 metres (400 feet) above ground level (unless certain conditions are met).
7. Have knowledge of airspace restrictions that apply in the area you want to operate.
8. Do not fly closer than four kilometres from any aerodrome (unless certain conditions are met).
9. When flying in controlled airspace, obtain an air traffic control clearance issued by Airways (via Airshare My Flights, airshare.co.nz).
10. Do not fly in special use airspace without the permission of the controlling authority of the area (eg, military operating areas or restricted areas).
11. Have consent from anyone you want to fly above.
12. Have the consent of the property owner or person in charge of the area you are wanting to fly above.



Photo courtesy of NZSTI

GENERAL INFORMATION for UAV/DRONE flyers in Palmerston North

Flying in Parks within Controlled Airspace

Most of our City's urban areas, including parks and reserves, are in a controlled airspace. (Airspace managed by Air Traffic Control because it's close to an airport and/or important flight paths)

Permission is required from Air Traffic Control if you want to fly your UAV (drone) in controlled airspace, unless you are flying a shielded operation. To request permission, go to the website airshare.co.nz

If you are unsure whether your flightpath is within a controlled airspace, you must check maps on the Airshare website.

Shielded Operation

In some of our parks, low level flying is allowed without getting clearance from Air Traffic Control. To be a shielded operation you must be operating your drone within a hundred metres of an object like a building or a tree and you must also fly below the height of that object. However you still have to log your flight plan at airshare.co.nz

No Ops Zone

In some reserves or "Prohibited Parks", you need permission from the Air Traffic Control unless you are flying a shielded operation because they are in the take off and approach areas of the airport – The No Ops Zone. Council will only give permission to fly in these Prohibited Parks on a case-by-case basis after proof that Air Traffic Control approval has been received or a shielded operation exemption has been issued.

Check at the list and map of Prohibited Parks on the reverse of this brochure.

PARKS AND RESERVES OUTSIDE CONTROLLED AIRSPACE with suitable open space.



To work out whether you need Council and/or CAA permission please work through the flow chart on the inside page.

Restricted Parks

Some of Council's parks are not suitable for casual flying and have been classified as Restricted Parks. Flying in Restricted Parks will only be approved by PNCC on a case-by-case basis for special activities.

Check the list and map of Restricted Parks on the reverse of this brochure.

Flying in Parks outside the Controlled Airspace

Some of our parks are outside controlled airspaces and Air Traffic control permission isn't required. Council permission is given to fly in these parks as long as you understand and follow the general CAA rules and; you stay at least 25 metres away from any boundary, playground, or formed walking or shared path. You are still required to log your flights with CAA on airshare.co.nz. Please take care around animals particularly in areas where dogs are allowed off a leash.

Parks outside controlled airspace -

- 1 Paneri Park.
- 2 Waitoetoe Park – there are a lot of off-lead dog walkers in the area and you will need to take care around them – dogs will be excited by the chase (their owners not so much).
- 3 Atawhai Reserve.
- 4 Summerhill Reserve.
- 5 Adderstone Reserve – hay crops are taken off this reserve so may contain long grass.
- 6 Ashhurst reserves including Ashhurst Domain but stay away from the sportsfield changing rooms at the Domain as the controlled Airspace runs over the changing rooms.
- 7 ANZAC / Te Motu o Poutua.

Want to fly a UAV over a PNCC park or Horizons Regional Council land within the PNCC boundaries?

No

Contact whoever owns the land for their permission.

YES

Do you wish to fly over a Prohibited Park in the Airport take-off and approach paths? (refer map 1.)

- Linklater Reserve
- Robert Reserve
- Fredrick Krull Reserve Schnell Wetland Reserve
- The unformed road reserve between Pepper Tree Glade and Masefield Terrace
- Leander Reserve
- Jefferson Reserve
- Kelvin Grove Cemetery
- Parnell Heights Reserve

YES

1. Log the planned flight on airshare.co.nz to gain Air Traffic Control (ATC) permission or shielded operation exemption.
2. Contact PNCC for special permission after receiving ATC permission or shielded operation exemption confirmation.

No

Do you wish to fly in one of these sensitive Restricted Parks? (refer map 2.)

- The Square
- Arena Manawatu
- Victoria Esplanade
- Memorial Park –the passive recreation end with duck pond, playground and paddling pool. *The sportsfield area is not included in this sensitive space.*
- Any cemetery
- Otira Reserve and Linton Domain
- Ashhurst Domain – camp ground, playground, cemetery, café or pony club spaces. *Sportsfield and open space areas are not included in the sensitive sites.*

YES

- Permission will only be granted for special occasions or activities, casual flying is not permitted.
1. Contact info@pncc.govt.nz or call 06 356 8199 to request permission.
 2. Include your contact details, the reason for flying, description of your flying experience and your UAV's safety features.
 3. You still need to seek permission and/or log your flight with ATC at airshare.co.nz.

No

Permission is given by Council to fly UAVs on all other parks and reserves (note most are within controlled airspace) as long as:

1. CAA rules are complied with and ATC authorisation is obtain when required - Refer to the Airshare website.
2. The UAV is flown minimum of 25 metres away from any boundary, playground, and any formed walking track or shared path.
3. The UAV is not flown over any leased area without the leasee's permission – for example Palmerston North Golf Club and kindergartens.

Learner flyers please use a large open space like a sportsfield (when they are not in use) well away from other people and all flyers please take care around animals.

“Emergency Services are given a blanket permission by PNCC to fly over any park or reserve for either live or training operations. CAA and ATC rules may still apply.”

PROHIBITED PARKS – permission considered on case by case basis only after Air Traffic Control permission or shielded operation exemption is obtained.



RESTRICTED PARKS – case-by-case permission only considered for special occasions.

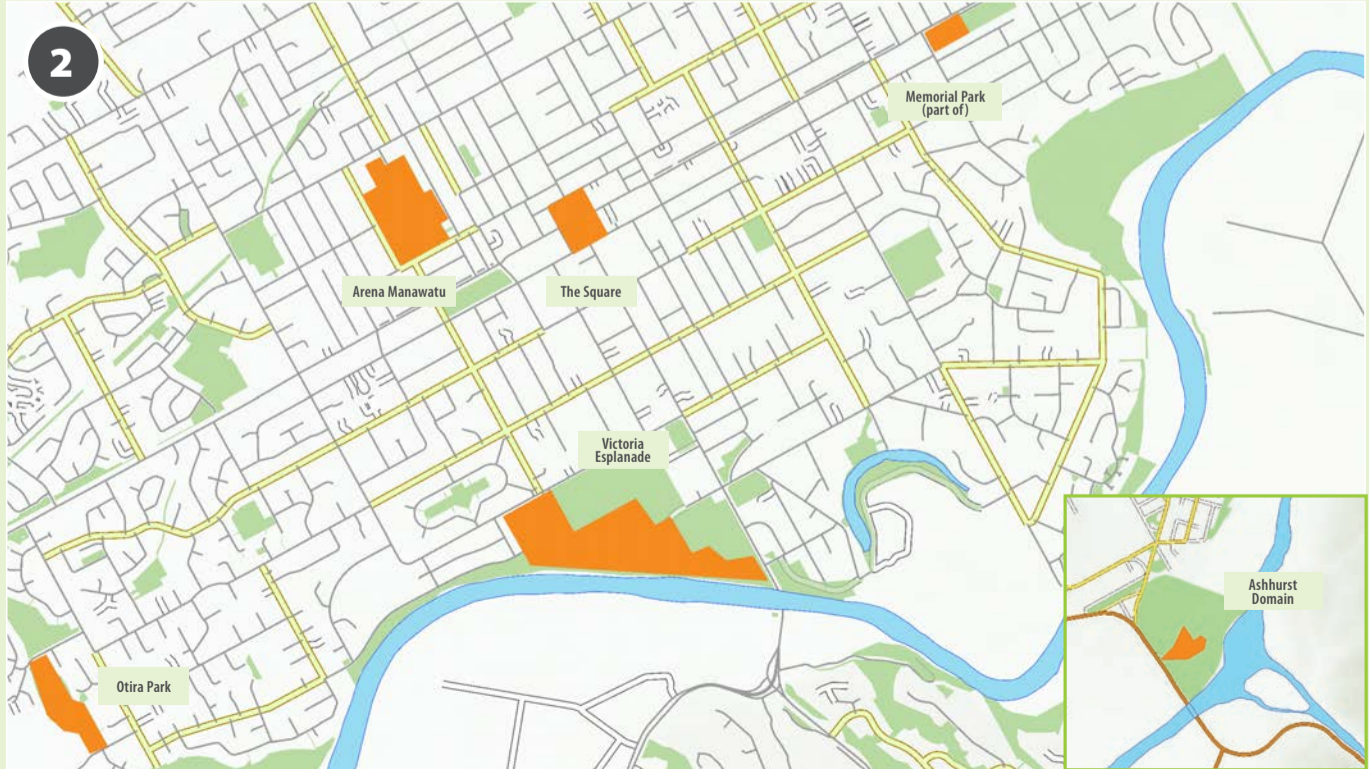


Photo courtesy of John Keenan