

# Drone Journalism New Frontier

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# Drone journalism increasing globally

## Valuable

- widespread events or disasters
- geographic scope of story
- journalists retain physical safety

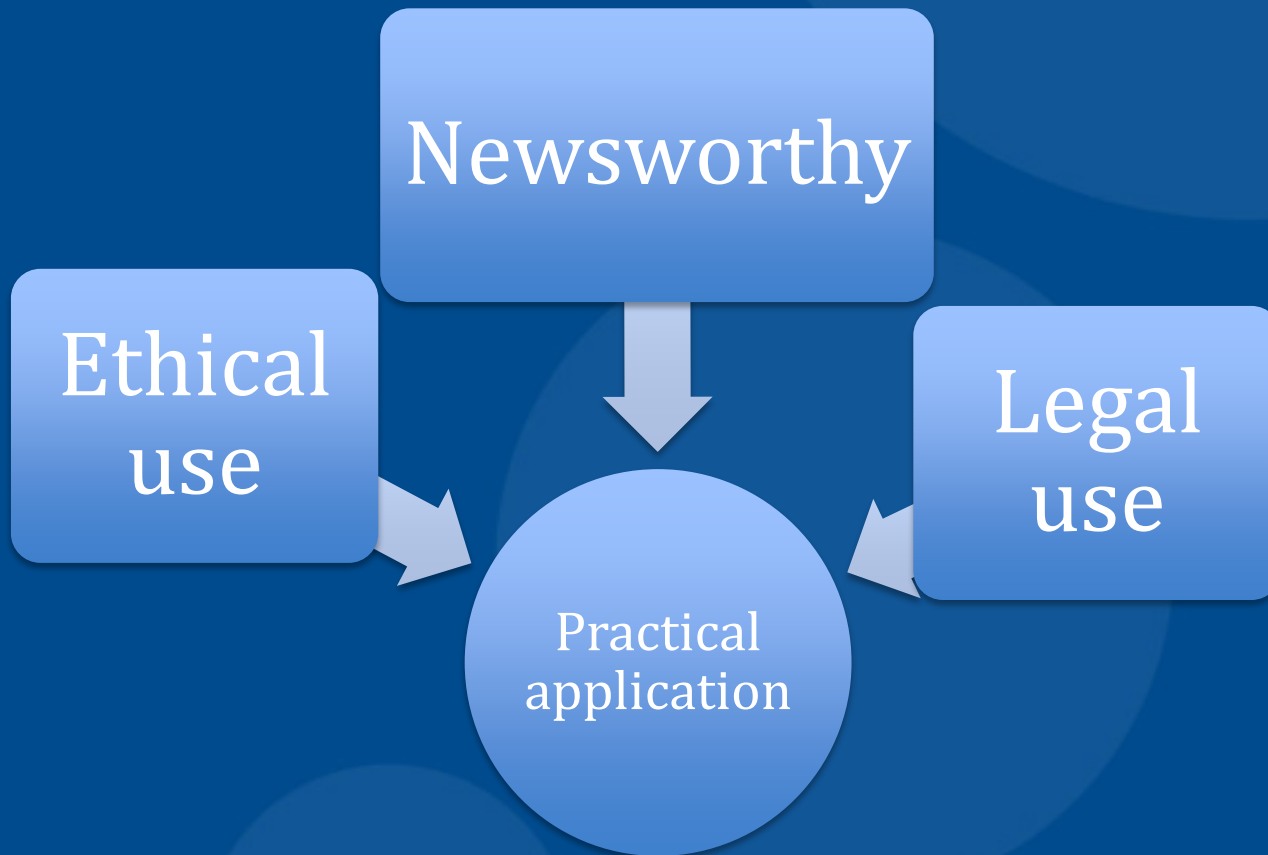


# Drones used in news – good & bad

- CNN Selma Alabama
- CNN Nepal earthquake

- ★ – Unicef Nepal earthquake
- ABC Vanuatu typhoon
- Telegraph Philippine typhoon

# Teaching Model



Drone –

Remote Piloted Aerial Systems (RPAS) –  
Unmanned Aerial Vehicle (UAV)

US journalist prohibited drones  
Hobby vs commercial

Obama directed FCC

- fast track rules
- allow more commercial use

FAA still reviewing



*2015 will be the year  
journalists can use drones*

USA in five years:

- \$5b business
- Shortage of pilots

Legal for NZ journalists  
Scientists, Volcanologist  
Fire fighters, Farmers

CAA constantly update rules  
Aug 1 update makes  
difficult for all drone users

# USA commercial drones (journalism, real estate, wedding)



The FAA currently authorises business purposes on a case-by-case basis.

You may not fly for commercial purpose without the express permission from the FAA (onerous).

NZ rules were simple for  
small drones: keep in  
control

In line of sight

Only in daytime

Give way to crewed aircraft

Below 120 metres

4km+ from aerodrome



# NEW – additional requirements for NZ drone users:

- in controlled airspace, obtain an air traffic control clearance issued by Airways
- not fly in special-use airspace without the permission of the administering authority
- have consent from anyone you want to fly above
- have the consent of the property owner or person in charge of the area you are wanting to fly above.





# Controlled/special Air Space

... most of NZ



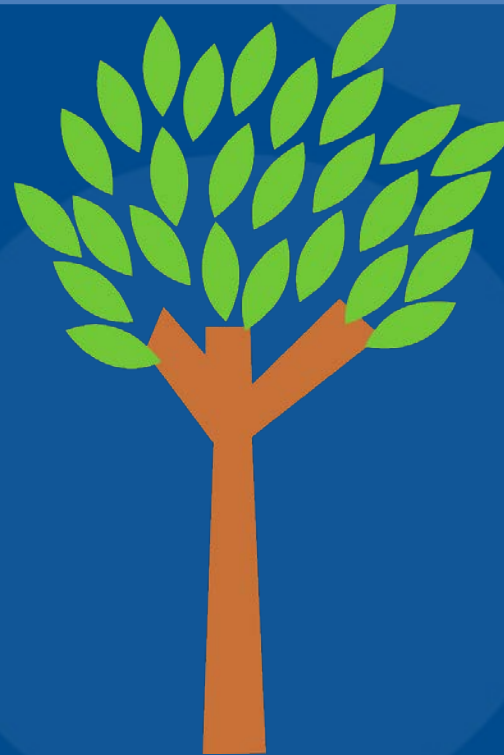
# Shielded Operation (teachers' option)

No need for a pilot licence  
or Air Traffic Control  
authorisation if flying as a  
shielded operation

CAA defines: “an operation  
of an aircraft within 100m of,  
and below the top of, a  
natural or man-made  
object”.

4km+ from aerodrome

100 metres



# Difficulty for Journalists

Public paranoia about drone use

Journalism's tainted image (paparazzi)

Unable to get permission for happening news

Earthquake

Floods

Droughts

Weather damage

Traffic snarls

## Few real transgressions -- despite public paranoia

- *While CAA investigated all complaints, most turned out to be within the law, with enforcement action only taken over 15 complaints, the first in July 2013.*
- *79 complaints lodged this year – a record high.*
- *First drone user accused under new rules to trial next year*

*CAA's general manager of general aviation, Steve Moore*

# Drone rage puts stomper in court

By Jimmy Ellingham

5:00 AM Saturday Jul 18, 2015

Technology Waikanae

☆ f 138 t in



## Drone unsettles Bay's backyard dwellers

Posted at 10:47am Friday 27 Feb, 2015 | By Hunter Wells  
hunter@thesun.co.nz

Email Share 300 Tweet 11 Google + 1 Print

It spooked Arlene Whittington's chooks and sent her scuttling for cover. "The chickens went berserk," says Arlene. "They saw it, heard and it and went crazy – cackled their heads off."

The 'it' was a drone mounted with a camera. It had violated Arlene's airspace over her Dalton Place backyard in Papamoa and fuelled concerns over privacy and security.



# Drone 'paranoia' leads to suspicious, hostile public

CHARLIE MITCHELL

Last updated 17:28, October 2 2015

STACY/50

Recent negative publicity over drone use is causing legitimate professional drone users cause for concern

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A growing sense of "hysteria" about drones has led to suspicion and open hostility toward their operators

In recent months, drone users have reported verbal abuse, threats and, in one case, a machine was destroyed by members of the public.



ONE NEWS TVNZ ONDEMAND

NEWS SPORT WEATHER 19° / 16° Auckland


LATEST NEW ZEALAND WORLD BUSINESS ENTERTAINMENT

NEW ZEALAND

# Drone 'near miss' sparks investigation

Sat, Sep 26 Share

Source: **ONE NEWS**



3 NEWS

HOME VIDEO NZ NEWS WORLD SCOUT SPORT BUSINESS WEATHER Shows Send It

# Nothing found in Kaiapoi drone probe

Friday 16 Oct 2015 4:46 p.m. Join the discussion

# Journalists' challenge

- Urge Aviation Authorities to treat journalists in a separate category.
- Disengage perception of cowboy hobbieists from professional journalism drones.
- Market the value to the audience of the newsworthy drone video.

# Protect Journalists' usage

Journalism Drones pre-approved to use in natural disasters

- Negotiate Civil Defence
- Negotiate CAA

Journalism Drones can be used on major roadways

- Negotiate NZTA



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