



Work Together, Stay Apart

A campaign informed by data

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What is Work Together, Stay Apart about?

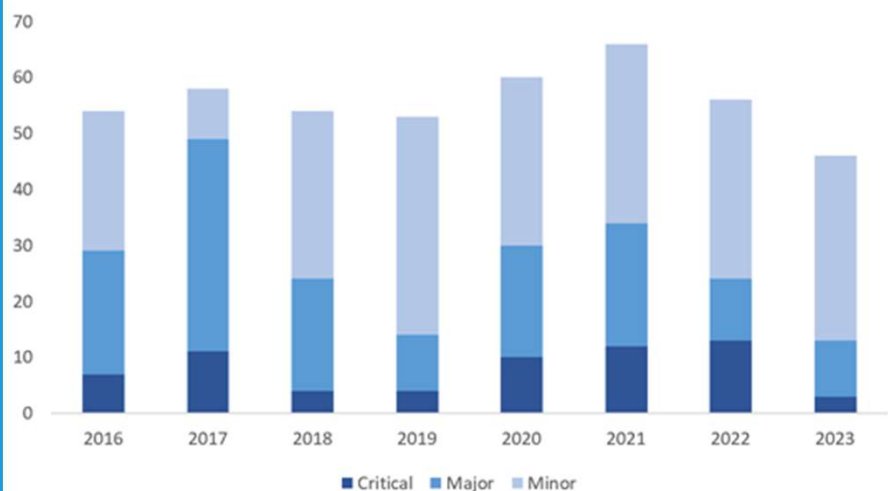
- In 2023 CAA launched the WTSA campaign
- Aimed at reducing airborne conflict events at unattended aerodromes
- Campaign built upon data – both quantitative and qualitative
- Targeted campaign – major focus area for ALL the Authority
- System wide focus – multiple sectors and stakeholders

What led to the CAA being concerned about airborne conflict...

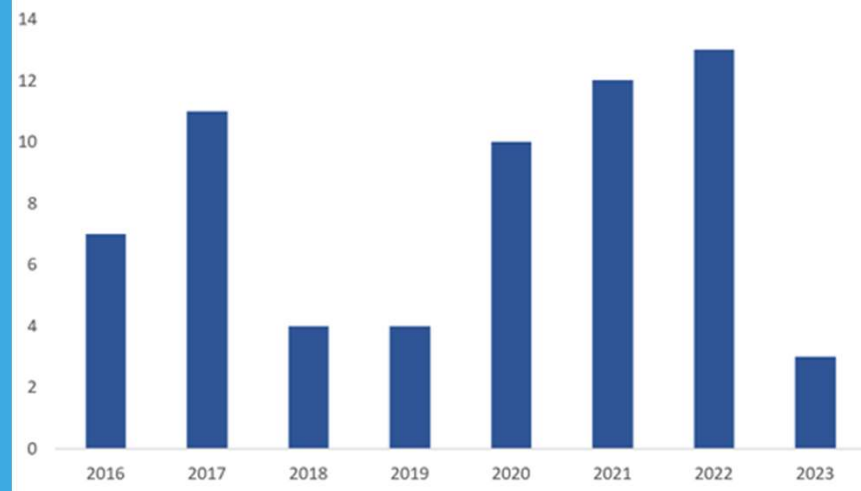
- Increased concern and feedback regards pilot behaviors at unattended aerodromes
- Outcomes from the Masterton midair and associated TAIC report recommendations
- Increasing critical near miss events
- Contributing factors associated in midair's were contributing in reported near miss events
- Identified need for a joined-up approach to improve safety

The data at the start of the campaign – May 23

Airspace events at unattended aerodromes by severity



Critical airspace events at unattended aerodromes



- Since 2008: 7 fatalities in 3 midair's
- Since 2016: 437 reported events with 121 near collisions reported
- Critical events increasing
- 2023 data: Q1 & Q2 only (kick off point in campaign)

Common factors in reported occurrences

- Not following part 91 rules – i.e. 91.227 – ROW rule, 91.223 – Operating on & in the vicinity of an aerodrome
- Attitudes and behaviours – not displaying good airmanship or circuit practices
- Use of non-standard procedures
- Ineffective look out
- Poor radio communications
- Failure to establish and maintain adequate situational awareness
- Number of events were occurring when one of the aircraft was joining the circuit

Common factors in New Zealand's last 3 midair events

- All aircraft were within the **circuit area** of an **uncontrolled aerodrome**
- All were on **perfect VMC** days (*Visual Meteorological Conditions*)
- 2 of the accidents were at 11:10 the other 15:30 – all were in **good daylight**
- Elements of **nonstandard procedures** with each event
- All had a **joining** element
- All aircraft had either pitch, bank or both at the time of collision ie: **manoeuvring**
- **Radio procedure** faults – clarity/effectiveness of communication, possibly active listening.
- All pilots and their aircraft were at their **HOME aerodrome**.

The wider environment – context



Our approach - WTSA Campaign

- Complex environment
- Airborne conflict is a shared risk
- System wide approach
- Used data to inform our approach to the campaign
- Behaviour change – create awareness and desire
- Focused on four main areas – outcomes to reflect
- Collaborating with industry – at the heart of this campaign





The campaign

- Education, engagement, influencing
- Statement of commitment
- Roadshows / presentations
- Did you know animations – social media
- Posters
- Videos
- Audio interviews – Know your neighbour
- New GAP booklet for Aerodrome Managers
- WTSA dedicated *Vector*
- Focus at certification activities
- Involvement of multiple CAA teams and functions



Social media campaign – data driven



Civil Aviation Authority of NZ

18 Sep · 🌐

With 161 unattended aerodromes, more than 2,200 private aircraft and more than 8,000 pilots in New Zealand, flying practices at unattended aerodromes present a significant opportunity for incident and accident.
Watch out for each other and [#WorkTogetherStayApart](#)



Civil Aviation Authority | Work Together, Stay Apart



Civil Aviation Authority of NZ

1 Oct · 🌐

Near collision critical occurrences have been on the rise since 2016, with more than 13 in 2022 and seven already this year.

Don't become a statistic [#WorkTogetherStayApart](#)

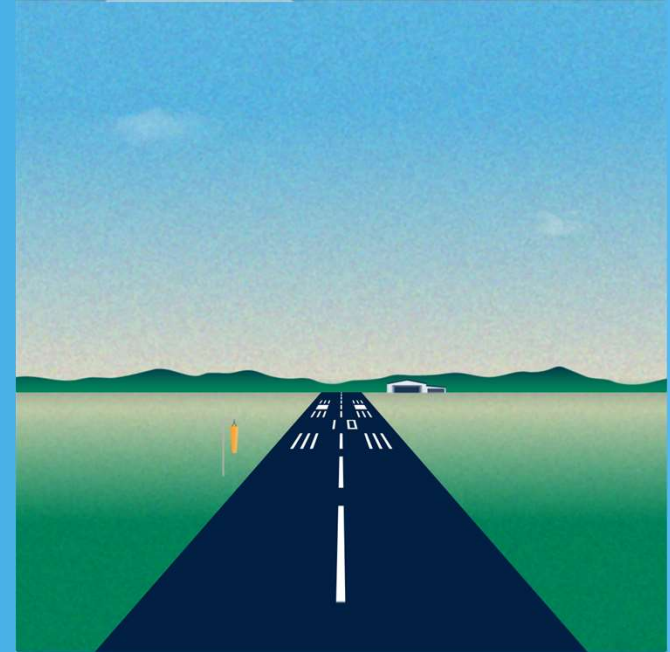


Civil Aviation Authority of NZ

15 Oct · 🌐

In 2022, there were 14 critical near collision events reported, where there was one barrier left preventing a mid-air collision from occurring.

Scan the sky and [#WorkTogetherStayApart](#)



Statement of Commitment

- 79 organisations!
 - Airlines
 - RNZAF
 - Aerodromes
 - Part 61 and 141 Schools and Clubs
 - Part 135 operators
 - Maintenance providers
 - Associations
-
- 212+ Individuals!



Statement of Commitment

All participants who operate at and from unattended aerodromes, and those who influence those operations, have a role to play in working together and staying apart to reduce the likelihood of mid-air accidents and the number of near collision and air proximity events within the circuit.

Signatories of this document state their commitment to:

- Adopt the recommendations of the Work Together, Stay Apart safety campaign by modelling best practice when operating from unattended aerodromes
- Raise awareness of the safety campaign and its resulting resources and events
- Participate in opportunities to learn and engage with others in the aviation sector

In addition, signatory organisations commit to:

- Publicly endorsing the Work Together, Stay Apart safety campaign
- Enabling their members, employees, students, trainees and volunteers to participate in opportunities arising from the safety campaign
- Providing training opportunities for their people

ORGANISATION NAME _____

SIGNED ON BEHALF _____

NAME _____

DATE _____

Keith Manch, Director of Civil Aviation

SIGNED _____



Civil Aviation Authority | Work Together, Stay Apart

Education seminars

- Content based on themes identified in data
- Plane Talking
- WTSA aerodrome users series
- Circuit Certainty
- Delivery of educational videos
- 31 geographical locations across NZ
- 80 seminars in total
- Over 3500 attendees



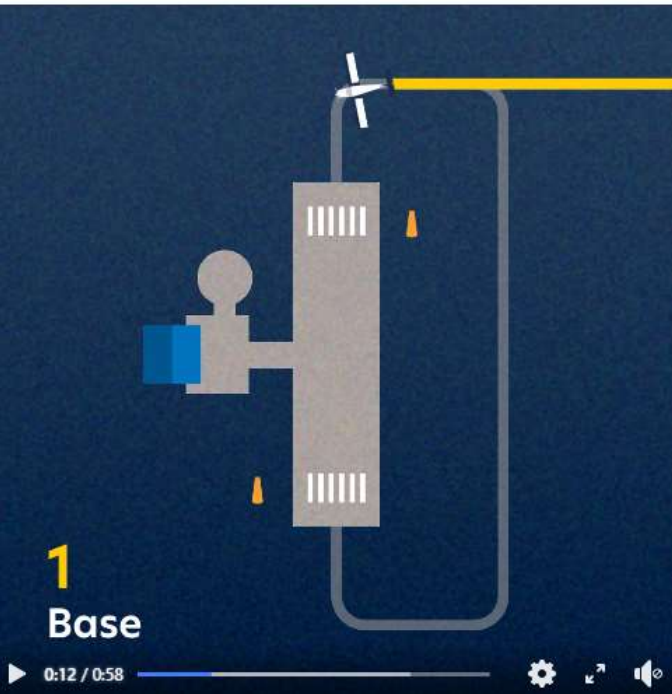
Did you know – data driven

Civil Aviation Authority of NZ
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🗣️ Did you know? There are four ways to join an uncontrolled aerodrome.

Watch the animation to see out how.

To find the rule details for CAR 91.223, visit
<https://www.aviation.govt.nz/rules/rule-part/show/91/3> ... See more

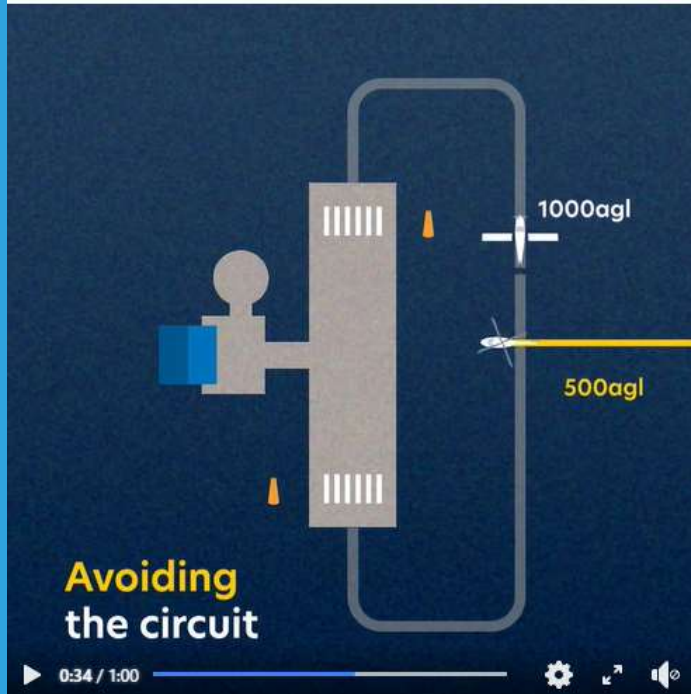


Civil Aviation Authority of NZ
29 December 2023 at 10:00 · 🌐

🗣️ Did you know? Helicopters can join at an unattended aerodrome conforming to the published circuit procedures or avoiding the circuit all together.

Watch the animation to see out how.

To learn more about the rule details for CAR 91.223, visit
<https://www.aviation.govt.nz/rules/rule-part/show/91/3> ... See more



Civil Aviation Authority of NZ
23 December 2023 at 14:00 · 🌐

🗣️ Did you know? Aircraft on the ground must give way to aircraft landing and in the final stages of approach.

To find the rule details for CAR 91.229, visit:
<https://www.aviation.govt.nz/rules/rule-part/show/91/3>

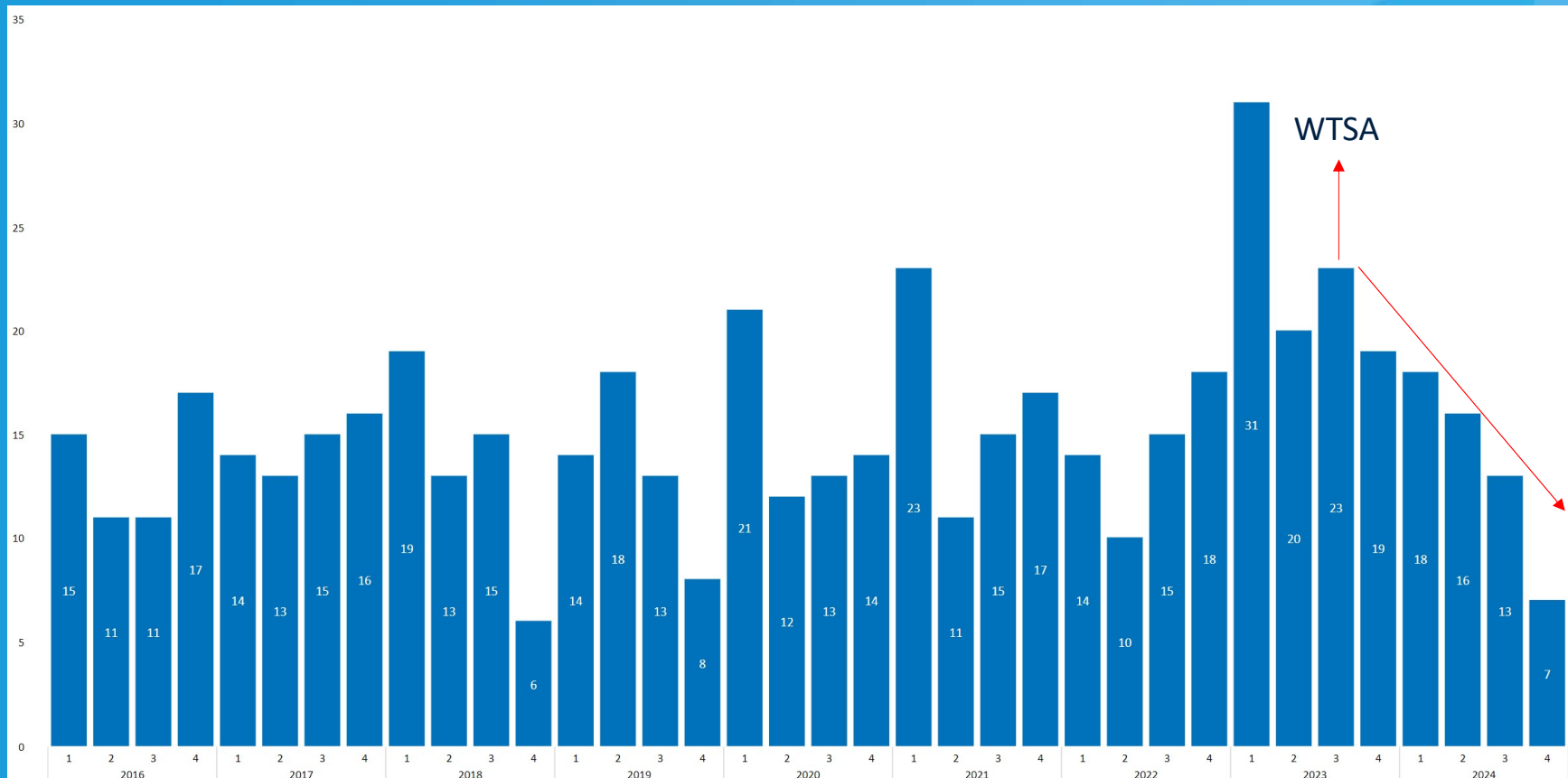
#WorkTogetherStayApart



Work Together, Stay Apart – where to from here?

- 2025 campaign is coming to the end of its roll out by CAA
- Ongoing work to measure the effectiveness of the campaign
- Ongoing review of occurrence data and themes
- Encouragement to operators to keep the campaign “alive”
- Use data and resources within your own systems where applicable

The occurrence trend now – October 2024



Questions?