



Inside this issue:

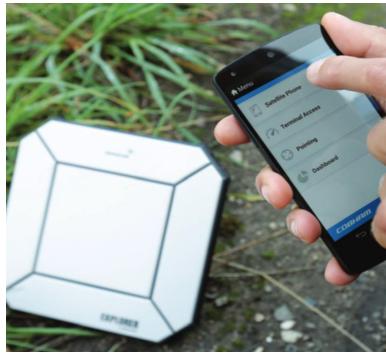
What have we been up to?	2
COVID-19 Update	4
Departure Lounge	5
Working from Home	6
Kitchen Corner	7
Family/Kids Corner	8
Kids Entertainment Review	10

What have we been up to?

Internet Innovation!

35SQN will procure the Cobham Explorer 510 & 710 satellite nodes to enable remote internet connectivity.

- No reliance on host country phone networks
- Enables regular phone to be used as a Satellite Phone via App
- Global and remote access
- Potential use as an Air Mobility Group wide capability.



Rescuing with Artificial Intelligence (AI)

35 SQN, Plan Jericho and the RAN's Warfare Innovation Branch, jointly participated in Phase 2 of SAR AI Testing. This complemented the data gathering of Phase 1 conducted in Aug 2019. Phase 2 tests the AI algorithms in a sensor (GoPro) detecting and a processor (Laptop) declaring a life raft in the water.

A compact AI-Search sensor was mounted to the port observation windows of a C-27J Spartan. A ten person survival raft was deployed into the ocean by a Volunteer Coast Guard patrol boat. Testing consisted of flying a number of patterns at different altitudes and distances from the raft while the crew and the AI-Search camera and processor attempted to detect it. Challenging conditions (overcast, sea state 5 and the life raft deployed belly up with a black underside by accident), meant the flight crew detected the raft 50% of the time, while the AI-Search successfully detected the raft 70% of the time. Phase 2 was declared a success, given the algorithm was based around detecting a raft with an orange top vice the black bottom that was displayed on the day. Phase 3 will include testing different sensor and processor combinations.



This has potential to greatly increase the mission success with visual search in SAR missions across all ADF platforms. This could have future expansion into detection and declaration of hazards (birds, aircraft, towers) and/or threats. 2 x 35SQN PLTS also gained their SAR qualification during this test sequence.



Fleet Health Improvement

35SQN conducted a C-27J Fleet Health Week (FHW) during the period 21-29 Mar 20.

The COVID-19 tasking reduction allowed 35SQN to focus on:

- Extensive (R11) maintenance.
- Rectification of Deferred Defects from Nov 19 to Mar 20.



This maintenance work was completed despite 650 work hours lost due COVID-19 quarantines, two unplanned C-27J tasks, and major unplanned rectifications on three flying airframes (fuel, pressurisation, air conditioning and nose landing gear issues –334 work hours).



COVID-19 Update as of 17 Apr 20

COVID-19 Statistics

Worldwide Infections	2,134,465
Worldwide Deaths	142,148
Worldwide Recoveries	540,656
Australian Infections	6,479
Australian Deaths	63
Australian Recoveries	2,355

Symptoms of COVID-19



fever



a cough



sore throat



fatigue



shortness of breath

Helpful Links

QLD Government COVID-19 Guide:
<https://www.qld.gov.au/health/conditions/health-alerts/coronavirus-covid-19>

COVID-19 Real Time Statistics:
<https://epidemic-stats.com/coronavirus/>

Defence New Access Program:
<https://www.beyondblue.org.au/get-support/newaccess/newaccess-defence>

How did COVID-19 Start?

The World Health Organisation's China office says it began receiving reports in late December of a mysterious virus behind a number of pneumonia cases in Wuhan, a city in eastern China with a population of roughly 11 million people.

Researchers suspect the virus originated at a seafood market in Wuhan, where wild animals, including birds, rabbits, bats, and snakes are traded. It was initially believed the virus came from snakes. But a research paper by a team of virologists at the Wuhan Institute for Virology suggests that the coronavirus more likely came from bats, which was also the source of the SARS outbreak.

Bats are known to carry multiple viruses without getting sick, according to the New York Times, which said they have caused human diseases in Africa, Malaysia, Bangladesh and Australia, and are thought to be the reservoir for Ebola.

Authorities shut down the market on January 1. But by then, the virus had spread beyond the market and was being transmitted be-



When can I leave my house?



How many people can come to my house?

You can have a maximum of 2 visitors

(excluding workers/volunteers)



You can only have two visitors no matter how many people usually reside in your household.



COVID19.qld.gov.au



Departure

Lounge

WOFF Scott Olsen

On the first Friday in April one of the unit's most loved and respected members transferred to the reserves after service spanning back to 1985. Scotty Olsen joined when mobile phones were the size and weight of a car battery and CDs had just started to be used (yes I know they are just about gone) and the original Top Gun was still a year away!



Starting out initially as a clerk supply, Scotty advanced to SGT and spent time in logistic management units that would develop his wide knowledge of cargo and airborne logistics, serving him well for his flying career. He commenced loadmaster training in mid 2000 before having a long career with 37 and 285 Sqn (the then Herc training Sqn) and AMTDU. Extending his time in Richmond he rolled into the Air Mobility Control Centre as first an executioner and then mission support specialist. We luckily were then able to benefit from his experience in mid 2017 where he helped stand up the C-27J capability and train and grow our loadmaster crews. Many a pilot has learnt a lot from the quiet, sagely advice he has been able to pass on.

He deployed on Operation ANODE in 2003, the Australian Defence Force contribution to the Australian-led Regional Assistance Mission to Solomon Islands (RAMSI). RAMSI's assistance was also known as Operation HELPEM FREN (Pidgin for "Helping Friend"). He again swung into action after the 2004 Boxing Day Tsunami on Operation SUMMATRA ASSIST where he and his crew adapted to changes and requests to support the recovery amongst wide spread devastation. Operations CATALYST and SLIPPER had him in the Middle East for extended periods, ASTUTE had him providing stability in East Timor before PADANG ASSIST had him again providing humanitarian aid and disaster relief, this time in Western Sumatra after an earthquake.

He cites one of his most rewarding times as helping ramp up the C-130J capability for operational deployment in the Middle East. Backing that up with being a part of the first rotation there and "doing what you are trained to do - on ops" as a professional highlight.

As a highly experienced instructor he now feels privileged to be able to pass on his knowledge so that the junior crew members become better aviators and make better decisions. "Having our new graduates come back from OP BUSHFIRE ASSIST saying they felt well prepared and equipped to meet the challenges and hit the ground as competent crew members makes me feel proud of what our (instructional) team have achieved".

His advice to new members – "Do the job for the right reason. Don't be here for the accolades and recognition, do it for the people we serve and the satisfaction (that comes) of completing a mission well."

He is a keen cricketer, boater and fisher but his skills with each descend in the same order! Luckily the RAAF didn't assess his fishing skills when they realised how valuable a resource he is to both the service and particularly our unit. Fortunately he has been offered Air Force Reserve so we get to keep his skills a bit longer.

Thanks Scotty, for the guidance, the laughs and the friendship!

Working From Home



CPL Heazlewood's home office set-up



CPL Pott's office assistant!



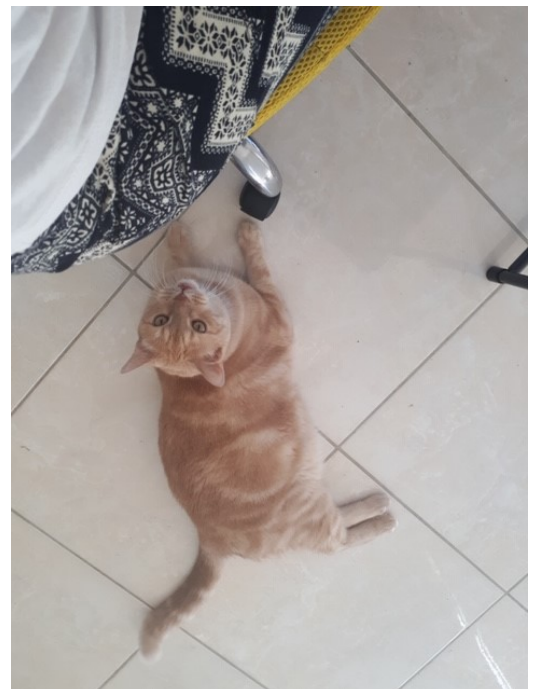
SQNLDR Della Bosca's office assistant!



It's not a holiday! You still have to look after yourself!



Good help is hard to find!
Our pets make great companions though and are very helpful to balance work and personal life!



Kitchen Corner!



This spectacular yet simple cheesecake comes from La Vina, a small bar in the Spanish city of San Sebastian. Often known as a “Burnt Cheesecake”, the top will go very dark and it will rise a lot through the cooking process so make sure the baking paper is high above the tin.

Ingredients

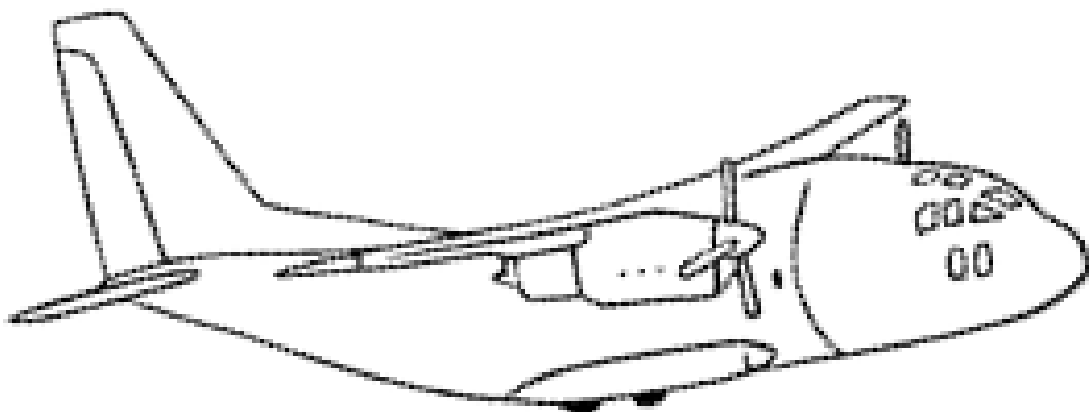
Butter, softened, for greasing tin
7 whole eggs
1kg Philadelphia cream cheese
400g castor sugar
1 tbsp flour (can use other flour if gluten is an issue)
500ml cream



Method

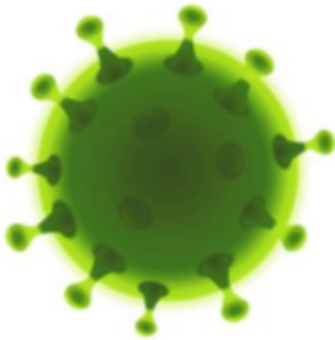
Preheat the oven to 220C.
Lightly grease a 25cm springform tin with butter.
Line the bottom and sides of tin with baking paper, allow the paper to come 2-3cm above the edge of the sides.
Using a pastry brush, grease the paper with softened butter.
Crack the eggs into a bowl and mix well.
Using an electric mixer, work cream cheese until smooth.
Add the beaten eggs slowly, making sure each egg is incorporated into the cheese before adding more.
Pour in sugar, flour and cream.
Blend well until smooth.
Pour mixture into the lined cake tin.
Bake for 50 minutes.
Remove from oven and allow to cool completely in the tin before unmoulding.

FAMILY/KIDS CORNER

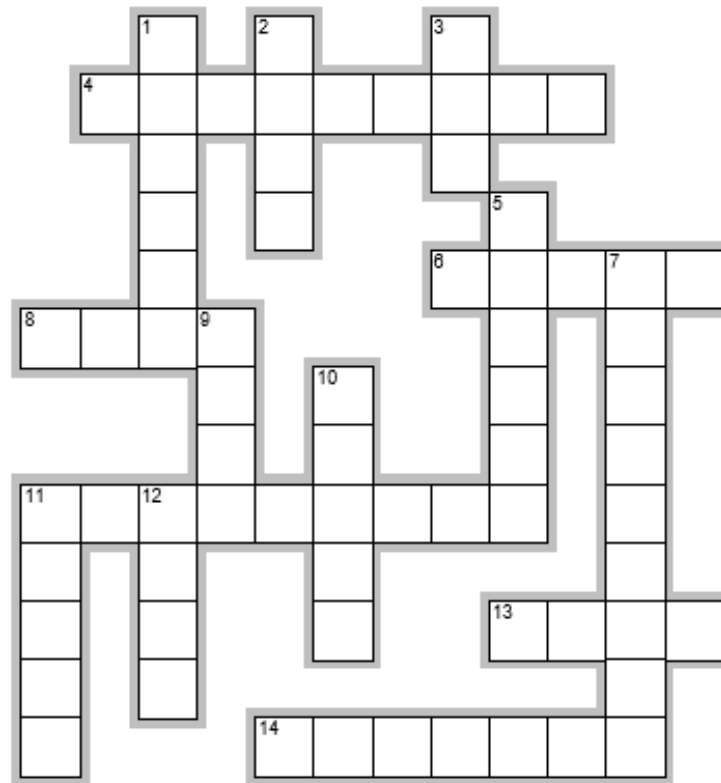


C-27J SPARTAN

COVID-19 Crossword Puzzle



This COVID-19 crossword will remind you of ways you can protect you and your family from the spread of this disease. If you've been paying attention to recent news report, you're sure to do well on this crossword!



Across:

4. An important warning sign of COVID-19 is difficulty _____ or shortness of breath.
6. Do not shake _____.
8. _____ your hands frequently.
11. Handle food _____.
13. Limit _____ sharing.
14. If possible, open _____ to increase ventilation.

Down:

1. Avoid large _____ of people.
2. Try not to touch your _____.
3. Limit close contact with others, staying about _____ feet apart.
5. Stay home if someone in your _____ is sick.
7. Disinfect surfaces like tables, desks and _____ regularly.
9. Stay _____ if you are feeling sick.
10. Always cover your mouth when you _____ or sneeze.
11. People with the COVID-19 virus sometimes feel pain or pressure in the _____.
12. If someone in your family is ill, give them their own _____, if possible.



Cartoon Review

"BLUEY"

Bluey is a kid's cartoon produced in Brisbane by Ludo studios in collaboration with the ABC and is taking the world by storm, recently being picked up by Disney Plus and the BBC for distribution to the world market.

Bluey tells the story of the Heelers, a regular Brisbane family of four, and episodes focus on unstructured play for the two kids (Bluey, 6 and Bingo, 3) facilitated largely by Dad (Bandit) and Mum (Chilli). And I'll tell you what, if you want some parenting tips or are struggling for play ideas during COVID lockdown then tune in and admire Bluey's world!

The parenting examples set contrast the usual cartoon family stereotype portraying Dad as loveable but clueless (Daddy Pig – Peppa Pig, Homer – The Simpsons). Bandit often works flexibly from home, is hands on with the house work and takes an even role in parenting, allowing Chill time to play hockey and go for runs. If equality and cultural change take a generation to realise, Bluey is doing its bit to educate the dads of the future.

The colour palette and tropical tone of the visuals is quintessentially Brisbane, and in a number of episodes the beautiful soundtrack will bring memories of being a child and tears to your eyes. Bluey helped me fall in love with Brisbane, beautifully portraying its cute houses, green space with numerous playgrounds and rolling district views. So dedicated are the writers to accurately characterising Brisbane there are fan Instagram channels dedicated to Brisbane locations that appear on Bluey (@bluey_locations).

Episodes vary in complexity, from low key humour and play for the kids (Asparagus, Keepy Uppy and Chickenrat) to absolute tear jerkers with deep meaning for parents (Army, Flat Pack, Calyspo, Sleepytime). Bluey walks a genius line where parallel meaning and storylines entertain kids and parents alike. I can honestly say Bluey is my favourite show, and I'm a 36 year old flying squadron executive! (granted a parent of two young girls...).

I love that when I go to the local market the lady running the Pony ride stall is so perfectly depicted in Bluey you know the writers of the show must have stood where you now stand, the latest episode to be released even talks to the capability of the C-27J (Bluey's pretend helicopter is too small to rescue all of the Kangaroos from the Bushfire so she has to turn it into a plane - I'm in love with this show!).

If you want to bring a smile to you and your kid's faces this lockdown watch an episode of Bluey or two together before bed.

Bluey airs twice daily on ABC Kids, and is available for free streaming on the ABC iView and Kids iView Apps.