



## Propwash

## December 2019

### From the President



If you are reading this newsletter it proves that you have survived another year, hopefully you have been enjoying the pleasures of flying model aircrafts over the past 12 months.

As we venture into the festive season I would like to wish all the members and their families a joyous safe Christmas and a prosperous New Year for 2020.



This event only comes around once a year but it certainly seems that the time space between each one of them is getting shorter, or is it just my perception.

Hopefully you have all been good and as a result you find "BIG" boxes under the tree with your name on it, this will be gauged by the number of maiden flights of new planes at the field we see in January 2020.



Thank you to the members who supported the model static display at the Boyanup Heritage Park last month, we had a good display of aircraft present on the day and created some meaningful discussion with the visitors who filed through during the day. These types of events are beneficial to the club giving the general public a chance to see and discuss what the hobby is all about and how they can get involved.

Have you ever heard of the photographer who prior to the introduction of digital photos went to the wedding to capture those memories of the event only to find out when he got home there was no film in his camera.

Well it can also happen with digital cameras, having taken a considerable amount of photos at this event in preparation for this newsletter I came home to download the photos only to find I had not returned my sim card back into my camera from downloading photos from the funfly weekend. I located it still safely inserted in my computer tower, still plenty of space on it for the next event.

The field has had the hay cut and the bails removed from site, the fire brakes have been cut in preparation of the pending bush fire season so we now comply with the required shire standards.

Thank you to Robby Crab for completing these tasks around the field his assistance is greatly appreciated and makes our job a lot easier to manage.

The boundary fence along the road needs replacing as it has collapses along several sections and Robby has indicated he has some star pickets that he would donate to the club to complete the upgrade.

Was advised that there is a requirement for 5 strands of wire to be fitted to a boundary fence line so now looking at obtaining enough wire to complete the task.

Santa covers a lot of territory during his flights around the country on Christmas Eve and he has never had an incident in the air, this is due to him ensuring that his pre flight checks are always completed prior to taking off from the North Pole.

He was caught here going over his pre flight check list before boarding the sleigh, the only check that he cannot perform from here is his range check but Rudolf will help him with this before take off.



Due to a ***TOTAL FIRE BAN*** being declared on Sunday 15th the scheduled club Xmas lunch had to be postponed, I was conducted on the 22nd and all who attended enjoyed the food and the fellowship.

The now expected high standard of food quality was certainly maintained thanks to Erica and Trevor and when it was served there was very little talking heard around the club rooms.

It was a reasonable morning for flying and the sky was busy prior to the call to lunch.

*Dennis was one of the first in line and then settled down to devour his meal in preparation for the sweets.*



*It is pretty obvious here from the photo that very little talking is going on whilst enjoying the meal.*



*The Greens dined together and complimented the cooks for their contribution to the lunch.*



*It was good to see that some members invited their other halves along to enjoy the food.*



*Not really sure what Troy was up to here, adjusting his false teeth, pushing the remains of the burger into his mouth or just biting his finger nails.*



*Unfortunately for Bill he had a few domestic duties to attend to so he got to the luncheon a bit late and was observed here eating his Christmas lunch in the pits with all his friends.*



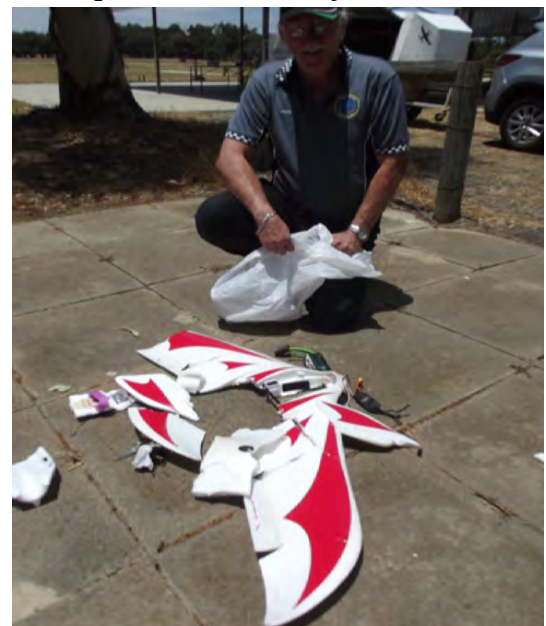
*You guessed it, this is Dennis still going*

*Is this Dennis spotted here back for seconds maybe !*



*It was first thought the John had brought along his own lunch when he approached with a plastic bag, we soon found out that the bag had been used to retrieve a plane that he had just crashed.*

*Rob looks a little bewildered here but he has just completed a strenuous session on the club trainer and is still recovering, he will be a bit better after he eats.*



I really enjoy seeing any of my previous student pilots after they have gone solo from their training schedule enjoying their time on the sticks showing some real passion for the sport of flying radio controlled model aircraft, it makes all my time on the buddy system worth the effort, however, one person in particular has taken it to a new level.

Observed at a recent mid week flying session, Bill Darnell, was enjoying some flight time with an electric powered plane and as all who participate in this type of power driven aircraft know there is some time lapse from when you land recharge the battery and get back into the air again.

On this occasion Bill had arrived with a plane he was building so there was no time lost waiting for the battery to charge he made use of the time by continuing with the build in the pits. The Corsair was having the retracts fitted in between flights so it proved to be a very productive session for Bill.

Hopefully we will see it in the air over the field in the not too distant future.



Thanks to Troy armed with his trusty phone we did get a couple of photos of the static display at the Boyanup Heritage Park open day.

There was a good variety of aircraft on display thanks to the members who participated and the visitors who came through were impressed by the models.

The majority of people who showed interest were in the 40 plus age group and were interested in finding something to do when they retire, I did not remind them that the way the Government is going with the retirement age being proposed to be set at 70 RC flying is probably not something to get into at that age so join a club now and enjoy the challenge.



Trevor was observed here at the Boyanup Heritage Park open day doing what he thought was having a ride on a rocking horse until advised other wise.

It was a vintage device for holding timber enabling you to slid a tool along the surface turning the timber into something more manageable.

He sat for hours and did not seem to maker much of an impression on the shape of the piece of wood he was working on.



Impact of Digitalization and automation... Lollll



*Latest research conducted during 2019 has uncovered some very important facts about drinking beer just in time for Christmas, so heed the advise from this research and drink sensibly over the festive season. More importantly drink in moderation and "don't drink and drive"*

*As indicated here the results from this research clearly indicate you can not drink beer or anything else if you are dead. Enjoy !*



*Christmas Joke !*

*3 men died on Christmas eve, to get to heaven St Peter says "You must each have something on you that represents Xmas"*

*The Englishman flicks a lighter and says "It's a candle" St Perter lets him past.*

*The Welshman jingles his keys and says " They are sleigh bells" St Peter lets him past.*

*The Irishman pulls out a G String and Bra, St Peter says " How do they represent Xmas ?"*

*Paddy says "They're Carrols"*



*Benefits of good vocabulary !*

*I recently called on an old Engineering buddy of mine and asked what he was working on these days.*

*He replied that he was working on "Aqua-Thermal treatment of Ceramics, Aluminium and Steel under a constrained environment."*

*I was impress until, upon further inquiries, I learned that he was washing the dishes with hot water under his wife's supervision*

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*After retiring from a busy life in business, Claire travels around the country visiting antique shops trying to find bargains.*

*One day she goes to an antique shop in the city. She speaks to the shop's owner and says: "When I was in here last week I saw a big mug with a flat head that holds a lot of beer. I'd like to buy it."*

*"Sorry," replies the owner, "but I can't possibly sell you that."*

*"Oh, what a pity, but why not?" inquires Claire. "Because," says the owner, "That's my husband."*

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During the recent unstable weather that passed through the South West the field took quiet a battering particularly from the strong winds which were part of the system.

The photo indicates the extent of the North / South runway damage that we were confronted with on arrival at the field on the Sunday morning.



It was pleasing to see that with in the hour, the use of the tractor and a few willing hands it was all back to normal and flying commenced without any further hassles.

Several tree limbs were also dislodged and whilst cleaning them away to the dump area I was confronted with the presents of a large Tiger snake sunning himself on top of the rubbish pile so I left the tree removal until later and returned to flying.



**Nitro or Gas powered** are the "Kings" of the RC airplane world, real airplanes burn fuel and so do these.

Pros and Cons of using this type of fuel power :

Most common are two cycle high RPM engines will enough power to get the job done twice. Other are gasoline burning and 4 stroke.

**Pro's:** large scale airframes, longer flight times, engines as cheap as some batteries(Li-Po), the sound is cool, kits are very cheap, extra power means more detail on airframe like retractable landing gears, Larger frames not as bad to fly in light winds.

**Cons:** Noisy, oily, engine maintenance, high speed of some means hard to control, larger take off area, takes up allot more room in your car, complicated build, need more support equipment.

Most of the gas planes are 2 cycle glow fuel powered, they use a special fuel available at most real hobby stores in quart to gallon size bottles. Its a nitro-methane alcohol, oil mixture that lubricates these engines as they run. The fuel also comes in different nitro-methane content such as 10% to 35% nitro. As you guessed more Nitro is more power. Just don't get carried away with it, you can burn up a motor with too much nitro.

These engines are called glow engines because they use a small glow plug to maintain the spark for ignition. you simply use a battery to heat it up and start the engine.

There are also 4 stroke engines that use the same fuel, they have valves just like a car engine, the big advantage is more torque for bigger propellers, and better fuel economy. The down side is price and a few more engine parts to worry about adjustment and breaking.

Most engines also require you break them in when they are new, if you just start running them out of the box the parts will heat up to fast and wear out way to fast. Most of the break in procedure will be in the instructions that come with the engine and is a simple process of running the engine very rich for a few tanks of idle running to full throttle running for a whole tank, just make sure you follow the instructions and the engine will last for a long time.

These engine do not require a fuel pump as the exhaust gas pressure is piped into the fuel tank to push the fuel into the carburettor.

Starting involves attaching the glow starter, and turning the engine over using the starter motor.

These engines are strong and dangerous, you can lose a finger or two, if you make a mistake.

The propellers turn so fast they disappear, so use caution.



*Troy has progressed well with piloting his new Trojan observed here doing some casual formation flying.*



**Smoke on**



### *Pre Flight checks and Range Test:*

The purpose of pre-flight checks is to ensure that your rc plane is in a fit condition to fly, and that everything is working as it should be. Exact pre-flight checks might differ from plane to plane, but there are some fundamental checks that *all* rc airplanes need to have done, immediately before flight.

If you neglect to carry out the pre-flight checks before you fly your rc airplane, and something is badly amiss, then an avoidable crash is very likely. Many rc pilots have lost their beloved aircraft seconds after take off, simply because they didn't do the checks!

Your first and foremost point of reference for the *exact* pre-flight checks needed for your particular airplane should be the instruction manual (DVD or CD ROM) that came with the plane. But, failing that, listed below (in no particular order) are the *minimum* checks that you need to carry out before you take off...

- All servos are secure, and linkages to servo and control surfaces are secure.
- Servo horns and control horns are secure and not loose.
- Servo linkages are able to move freely and are not binding.
- All servo connections to the receiver, battery pack and ESC are secure and correct.
- The receiver and motor battery pack are securely fixed and cannot move during flight.
- Receiver antenna (aerial) is correctly positioned and not damaged.
- The propeller nut is tight / spinner is secure.
- The wing and tailplane (and fin) are secured properly, as per the instructions (*i.e.* with the correct method of fixing; rubber bands or wing nuts etc.)
- All control surfaces move in the correct sense *eg* moving the rudder stick left moves the rudder to the left.
- All control surface hinges are secure *i.e.* you can't pull the control surface away from its respective flying surface.
- The motor power works correctly.
- The radio failsafe is set and working correctly.
- A range check.

This last one, the **range check**, is *very* important so we'll cover it in more detail...

The purpose of the range check is to make sure the radio signal from transmitter to receiver is strong, so that you can fly your rc airplane at a normal distance away from you without it going out of radio range. If your plane does go out of range, then you lose all control.

A correct rc airplane range check should be done at a distance of 30 paces (meters) or so away from the plane.

You will have to refer to your radio instruction manual to see the correct range check procedure for your exact radio, as different manufacturers use different methods of activating the range check mode in a 2.4GHz radio.

If you only get a short distance away and the surfaces start 'twitching' or not responding properly to your stick movements, *do not fly*. Check the batteries of the radio gear, they may need replacing - low batteries in the transmitter drastically reduce the radio range. Also check for loose connections to the receiver etc., and also the condition of the antenna.

When this method is involved, a 2.4GHz transmitter in range check mode sends out the signals with a reduced voltage, thus producing a weaker signal.

The rest of the check is performed in the same way as explained above.

Do not fly your plane if you see that control surface response becomes unreliable before you reach 30 paces or so away from the plane. You need to ***identify and rectify problem before you fly!***

***Always, always, always*** take a few minutes to perform these rc airplane pre-flight checks before you commence your flying session. Get in to the habit of pre-flying your plane every time; the checks take just a couple of minutes to do and *will* save you the grief of a crashed airplane, if something is amiss.



# My Living Will

Last night, my kids and I were sitting in the living room and I said to them,  
 'I never want to live in a vegetative state, dependent on some machine and fluids from a bottle. If that ever happens, just pull the plug.'  
 They got up, unplugged the computer and threw out my wine!!



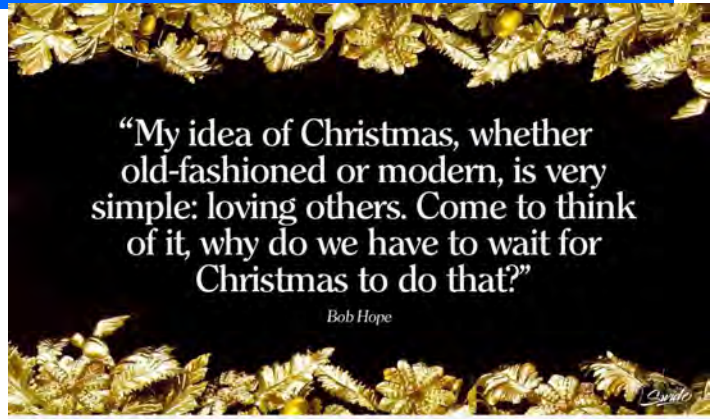
The little bastards.

New laws have come into effect that will replace the existing *Associations Incorporation Act 1987* and will apply to all existing incorporated associations and clubs in Western Australia.

To comply we are required to update our constitution the original SWARMS document consisted of just 5 pages and was revised 07/08/2002, all of the content contained within that document has been incorporated into the "Draft" document which includes the necessary legislation changes which has made the constitution now a 29 page document.

The committee have reviewed the "Draft" and made comment, members have been sent a copy for review please contact me with any concerns you may have with the document.

The final step will be for the "New Constitution" to be discussed and ratified at a club meeting to be scheduled early in 2020.



*My Grandmother started walking five miles a day when she turned sixty.*

*She's ninety seven now and we don't know where the heck she is.*

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*As the year comes to an end, I urge you to take care of yourself and avoid accidents because spare parts for old models like you are no longer in stock !*



*Nothing hurts more than being separated from the person you were planning to copy from in a exam.*

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*Can you trust a nurse whose husband sells coffins ?*

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*If soap and water makes the body clean, then what makes the towel dirty after a bath.*

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*Black is a colour and white is also a colour, but a black and white television is not a colour television.*



*Was talking to a tailor while waiting for my alterations, turns out he wants to be a comedian.*

*He had good material too.*

*I was in stitches.*

*I would have sat there all day but I got pins and needles.*

*Turns out his dad is a funny one too.*

*Must be in their jeans.*



*S.W.A.R.M.S. Official Christmas Tree*



*Merry Christmas to all.*

## An Obituary printed in the London Times....Absolutely Dead Brilliant!!

Today we mourn the passing of a beloved old friend, Common Sense, who has been with us for many years.

No one knows for sure how old he was, since his birth records were long ago lost in bureaucratic red tape. He will be remembered as having cultivated such valuable lessons as:

- Knowing when to come in out of the rain;
- Why the early bird gets the worm;
- Life isn't always fair;
- And maybe it was my fault.

Common Sense lived by simple, sound financial policies (don't spend more than you can earn) and reliable strategies (adults, not children, are in charge).

His health began to deteriorate rapidly when well-intentioned but overbearing regulations were set in place. Reports of a 6-year-old boy charged with sexual harassment for kissing a classmate; teens suspended from school for using mouthwash after lunch; and a teacher fired for reprimanding an unruly student, only worsened his condition.

Common Sense lost ground when parents attacked teachers for doing the job that they themselves had failed to do in disciplining their unruly children.

It declined even further when schools were required to get parental consent to administer sun lotion or an aspirin to a student; but could not inform parents when a student became pregnant and wanted to have an abortion.

Common Sense lost the will to live as the churches became businesses; and criminals received better treatment than their victims.

Common Sense took a beating when you couldn't defend yourself from a burglar in your own home and the burglar could sue you for assault.

Common Sense finally gave up the will to live, after a woman failed to realize that a steaming cup of coffee was hot.

She spilled a little in her lap, and was promptly awarded a huge settlement.

Common Sense was preceded in death,  
 -by his parents, Truth and Trust,  
 -by his wife, Discretion,  
 -by his daughter, Responsibility,  
 -and by his son, Reason.

He is survived by his 5 stepchildren;

- I Know My Rights
- I Want It Now
- Someone Else Is To Blame
- I'm A Victim
- Pay me for Doing Nothing

Not many attended his funeral because so few realized he was gone.

If you still remember him, pass this on. If not, join the majority and do nothing

Came across this article, you guessed it, on Facebook the other day and it certainly hit home as it would for the majority of you who would recall when this was all in place and how we had a better living environment particular in our youth.

I will agree that this does not have a lot of relevance to flying model aeroplanes, however, think what a different place the world would be today if these things were still in place and we were not confronted with Political Correctness on a daily basis.

The question is, where will we be in another 10 years and what is the quality of our leaders going to be like then.

*A Large model preparing for take off, it is GIANT\* RC VULCAN XH558 (20 feet wingspan !) [\*Ultra HD and 4K\*] Dave Johnson, Chairman of the UK's Large Model Association, flies his 4 engined Vulcan jet model at a number of displays through out the year.*



*A man and his nagging wife were on a holiday in Jerusalem. While they were there, the wife died. The man had the option to ship his wife home or to have her buried in Jerusalem. He chose to pay extra to send his wife home.*

*When he told the mortician his decision, the mortician asked him: "But sir, why would you spend \$5,000 to ship your wife home when she could be buried here in Jerusalem for only \$150?"*

*The man replied: "Long ago a man died here, was buried here, and three days later he rose from the dead.*

*I just can't take that chance !!*

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*It's a shame that nothing is built in Australia any more.*

*I just brought a new TV and it said built in "antenna"*

*I don't even know where that is !*

\*\*\*\*\*



*Certainly would be a nice sight to see in the sky and the sound would be awesome.*



*This B 29 in the UK very impressive but not as good as Dina Might hey Woody !*

**Be extra careful on the roads with Xmas around the corner a lot of men will be drinking and getting their wives to drive**

*A extremely over weight man was talking with his doctor stating that "obesity runs in their family"*

*The doctor replied saying " The problem is no one runs in your family"*

***Interesting article from Neil Tanks MAAA President on where they are going with change !***

As many of you may know, the world of aeromodelling is rapidly changing, not only has the technology we use evolved but we now are having to share the airspace, that until recently, was almost exclusively for recreational aeromodelling.

Though we still fly the same types of models, the technology has seen a marked variation in our activities. Notably, battery performance and reliability has drastically improved, automated flight management systems have become common place and no longer do members have to build their own models from scratch or basic kits – we buy them off the shelf.

The introduction of multi rotors “Drones” together with their easy availability have turned the aeromodelling scene upside down. Many who had no interest in aeromodelling in the past are now taking up the hobby albeit in instant gratification platforms.

This has impacted the available airspace and will continue to do so. Organisations are experimenting with drones in respect to food deliveries, parcel deliveries, driverless drone taxis, and agriculture, to name a few. Government agencies are also utilising drone technology for search and rescue, traffic surveillance, covert operations and many other activities. All are needing a piece of the sky aeromodellers used freely for many years.

All these developments of our sport mean that the similarities between what was occurring in 2013 when the last 10-year Strategic Plan was implemented and now have shifted. As such, it is important under the MAAA Strategic Plan and Manuals of Procedures which relate to the administration of the organisation that the MAAA Council:

*“Continuously review all administration practices to provide a highly professional and efficient administration structure which caters for current and future needs of the organisation, its members and other agencies”.*

To oversee and regulate the safety of the airspace, the Senate established an enquiry into the use of Drones; accordingly, the Civil Aviation Authority have had to review its approach to model aircraft oversight. Today we are all becoming more accountable.

All this has also necessitated the MAAA, as the recognised Recreational Aviation Administration Organisation (RAAO), to review its policy and procedure documents both in the area of member support and aviation safety. There is a need for these to be organised in a manner which is more accessible to members, more explicit and easily understood. The MAAA currently has a list of 64 Manuals of Procedures Documents



Considering the achievements made over the last three years in respect to the outcomes of the Senate Enquiry and subsequent “Area Approvals,” the time has come for a full review of our Manuals of Procedures (MOPs) to ensure they are relevant to our current operations and to set the safety standards for model aircraft operation in Australia to future proof our hobby.

Over the coming months, the MAAA Council will continue to review all MOPs and simplifying where possible and amalgamating where necessary into a complete operation Manual that will provide pivotal guidance for all levels of members for the next decade.

The resulting manual will be established in two sections; Administration MOPs and Operational MOPs. The MAAA Council's goal is to have a simplified MOP manual covering all required aspects of our hobby while delivering on our requirements to CASA as an RAAO and to maintain the significant benefits currently enjoyed by our membership that align with this.



[Visit our website](#)

MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA

*An Irish man was given a job of painting white lines down the middle of a highway.*

*On the first day he painted eight kilometres, on the second day he painted 3 kilometres and on the third day he painted only one kilometre.*

*The boss was not pleased.*

*He asked "Why is it that you are painting less each day?"*

*He said "Because each day I get further and further away from the can of paint"*

#####

*A few quotes and sayings from 2019 !*

*If you always do what you have always done, you'll always get what you always have.*

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*I don't know how to act my age, I've never been this old before.*

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*"Age is of no importance unless you are a wine or a cheese."*

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*Common sense is like a deodorant.*

*The people who need it most never use it.*

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*If you ever get an Email about pork, ham, salt and preservatives, don't open it.*

*IT'S SPAM !!*

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*That annoying moment when you are texting someone and auto-correct decides to join the conversation.*

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*You know that moment when you get up in the morning, your full of energy and you can't wait to get to work ? Me either !*

\*\*\*\*\*

*I was asked to name all the Premiers of WA over the past 50 years I said "I thought they all had names."*

\*\*\*\*\*

*Tact is the ability to tell someone to go to hell in such a way that they enjoy the journey.*

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*You can't fix stupid, but you can watch it on Facebook every day.*

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*My husband and I divorced over religious differences, he thought he was God and I didn't.*

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*Marriage is like a three circus:*

*Engagement ring*

*Wedding ring*

*And suffering.*

\*\*\*\*\*

*For sale, Wedding dress, size 8.*

*Worn only once by mistake.*

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*Catch you when we fly into the next edition in 2020. Happy Flying.*

