



South African Model Aircraft Association

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To: All SAMAA members

Date: 27 August 2021.

Communique # 29

Dear SAMAA member,

Greetings to all our members, especially to all the women in our lives. Whenever there is a woman, there is magic, and we would like to start this edition thanking you for all that you do.

Unreported incidents – This is a reminder to the management committee members of each of our clubs; it is extremely important to ensure good compliance with reporting of all accidents and incidents, as set out in our Operations Manual “Policy and Procedure on Incident and Accident reporting” available on the SAMAA website, under “Important information”. Make your way to the Procedure tab, then click on PR 01.

Don't be overwhelmed by the emotion to hide the incident; it is bound to surface one way or another, with far-reaching damage, as has happened in the last few weeks. This only adds unnecessary pressure on club committees, who may be challenged with very uncomfortable questions. We prefer an immediate verbal report where the incident involves manned aircraft, injury to persons, or damage to property, followed by a detailed written report.

Our hobby and sport do not need any negativity from the public, and our members need to be sensitive that incidents are not met with aggression in any way, shape, or form. The SMC condemns any aggressive approach in the strongest terms possible.

For any questions on this, please do not hesitate to call Linda or Bob in their respective offices, for further assistance.

You Tube “IMUSTFLY”. Nearly **6 000** views and **408** subscribers. Yes, we are growing, even if at a slow pace. The true support must come from within the association. With more than 3000 members, of which only 408 have subscribed, is concerning. Please show you support by heading over there and subscribe to the “Movement” – Thank you.

Future attractions on #IMUSTFLY.

1. Events – Three upcoming events in September.
2. BIG unveil! New equipment that hit our shores will be unveiled with our 1st Episode sponsor.
3. Club Challenge – Video of the month: Submit a video of your club showcasing the



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The SAMAA is a non-profit, public-benefit organisation, PBO Reg. No. 930030082.
Committee (from March 2020)

Danie Potgieter, Burt Botha, Alec Groenewald, Johan Blom, Linda Dold, Juanita Smith, Bob Skinner



following, for example.

- a. Introduce your committee.
 - b. Showcase your field.
 - c. Show building and flying skills of your members
 - d. Any other fun facts on video.
4. Exciting introduction into 3D-printed planes – Two Videos will premiere this weekend: 1st a summary and 2nd the full video – Great video to watch!!

Available links

- Telegram Video and Promo group - <https://t.me/IMUSTFLY>
- #IMUSTFLY channel
<https://www.youtube.com/channel/UCpRL8WDQ20dx5VWVMGlfueeg>

First person to find me
in the picture opposite,
owns me 😊



Send marked-up
photo to:
admin@samaa.org.za



Five Fun Facts about aircraft tyres

Although they spend most of their time in the air — at least when they are moving — aircraft require tyres to take-off, land, and move around the airside areas. Aircraft don't just use automotive-grade tyres, though. Due to their heavyweight construction, they require heavy-duty tyres to accommodate their weight. Below are five fun facts about aircraft tyres, some of which may surprise you.





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#1) Stabilizing Tread Pattern

The tread on aircraft tyres is different to that of automotive tyres. To increase stability in the otherwise windy conditions, manufacturers use a special tread pattern on aircraft tyres. The tread pattern helps to create traction between the tyres and the runway, thereby reducing the aircraft's movement in windy conditions. This stabilizing tread pattern also reduces the risk of hydroplaning, which can occur if the runway surface is wet.

#2) The Big 4

There are hundreds if not thousands of different aircraft tyres on the market. With that said, most of them are manufactured by four well-known brands: Goodyear, Michelin, Bridgestone, and Dunlop Aircraft Tyres. Reports show that these four brands account for roughly 80% to 90% of all aircraft tyres sold globally.

#3) Blowout Proof

Tyre blowouts are almost unheard of in the aviation industry. Blowouts, of course, occur when an excessive amount of force is exerted upon a tyre's inner walls. If a tyre is overinflated, for instance, the excess force may cause it to blow out. With that said, aircraft tyres are required to withstand at least four times the pressure for which they are rated over a period of at least three seconds.

#4) Potential for Overheating

While they are practically blowout proof, aircraft tyres are susceptible to damage when exposed to heat. Overheating may occur if a pilot is forced to quickly brake on the runway during an emergency. Sudden braking creates friction between the tyres and the runway. Friction, in turn, produces heat that can literally melt away some of the tread. Overheating isn't a common occurrence. Instead, aircraft tyres generally only overheat when a pilot is forced to quickly brake during an emergency.

#5) Inflated With Nitrogen

Unlike automotive tyres, aircraft tyres are not filled with air, they are filled with nitrogen gas. In the past, some aircraft used oxygen-filled tyres. The use of oxygen led to several incidents in which the tyres exploded. Nitrogen is considered an inert gas, so it doesn't have combustible properties. Therefore, filling tyres with nitrogen is a safer solution.

New Shipment just arrived!!

Feel like a cuppa??

Hot Chocolate Time

IT'S Coffee TIME

R120 per mug, excl postage

Purchase the #imustfly SAMAA mug and enjoy your cuppa!!!

IT'S Always Tea TIME!

#IMUSTFLY YouTube Channel 2021



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Winner of Communique # 28 Well-done to Greg Yatt from Modderfontein Model Aero Club, winner of our previous word puzzle.

Current Standings.

Club Name	Club Winnings	Winnings	#	Winner
Durban Model Aircraft Club	1	R 100	Communique 12	Russell Conradt
Maritzburg Model Aircraft Club	2	R 400	Communique 13/23	Roger Auken/Inus de Wet
Modderfontein Model Aero Club	3	R 600	Communique 15/27/28	Doug Moss/Fion Williams/Greg Yatt
Capricorn Radio Modelvliegklub	3	R 600	Communique 16/17/19	Francois Robbertze/Hennie Miller/Dirk De Klerk
Irene Radio Flyers	1	R 200	Communique 18	Nico Brummer
Weskus Radio Flyers	1	R 200	Communique 20	Alex van Breda
St Blaize Model Flyers	1	R 200	Communique 21	Herman Venter
Umbila Radio Flyers	1	R 200	Communique 22	Andrew Clark
Fish Hoek Radio Flyers	1	R 200	Communique 24	Angus McCallum
Pretoria Radio Flyers	1	R 200	Communique 25	Martin Snyman
Karkloof Radio Flyers	1	R 200	Communique 26	Derek Warren

R 3 100

S E I O T N A M Y D L B E P L
 Z T S W X Q I T F Q L D N R Z
 H D A U M C I T S O F N O E L
 E B U B H L L Q W A E K T O E
 A K A E I R B O U R E S S K N
 T Y L B T L U E F I L L E D I
 A I A T D T I N N A J R G J T
 N T W B S R X Z W Z M E D P R
 S T U O W O L B I A N D I T O
 B M U N E K N G T N Y U R T G
 E R U S S E R P X X G C B J E
 Q R A A G H W I N D Y E Y G N
 R V G Y D C C H I R R S U R F
 C P X G N I N A L P O R D Y H
 C O M B U S T I B L E W K I R

Please submit your answers to admin@samaa.org.za with your name and SAMAA number, before 12:00 on 3rd of September 2021, to stand a chance to win **R 200.00**

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|-------------|-------------|--------------|
| blowouts | Blowouts | Bridgestone |
| combustible | filled | hydroplaning |
| Michelin | Nitrogen | oxygen |
| pressure | reduces | runway |
| stability | stabilizing | windy |

That brings us to the end of this edition, with our women in mind. Have a blessed day, and we hope you feel beautiful today!

Best regards, safe flying, and happy landings!
 The SAMAA Management Committee