



NEW PARTNERSHIP - ALSIM AND F1 PILOT OF THE SKY MÉLANIE ASTLES

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Great announcement from Alsim - new partnership - with the first female Red Bull Air Race winner and French aerobatics champion [Mélanie Astles](#). Mélanie knows her way around those pylons very well. However, together with Melanie, we at Alsim believe we can help in her training to win those few extra seconds required to stand out in this highly skilled, competitive sport.

Together with Mélanie, Alsim will develop a full-size replica of her aircraft, the Redbull Edge 540, also known as the Formula 1 of the skies. This exclusive simulator will be composed of a single-seat cockpit equipped with central flight stick, rudder and throttles as per the aircraft configuration. All primary flight controls will have an active control loading system providing Melanie with the same "cues" as her flying machine. Instruments and cockpit layout will also be accurately represented.

Alsim will also design a specific aerodynamic and performance model in partnership with Mélanie, to offer maximum fidelity and provide her with an extremely efficient, competitive, training device. The visual system will be based on Alsim's seamless cylindrical screen with a 210° x 60° field of view to deliver the best immersion required for extremely fast rides.

All race tracks will be fully replicated in the visual system with pylons, terrain elevation, buildings and the surrounding areas. The simulator will provide real and post-time flight data allowing Mélanie's team to analyze her performance, help improve her skills, and ultimately master the circuit before each race.

"We at Alsim wish Mélanie all the best and we're sure that our joint collaboration will help her stay ahead of the field at all times," says Alsim Global Business Development Director, Mike Tonkin.

Mélanie is looking forward to a great season, and adds: "My goal for 2019 is to give my best and continue to deliver strong performances, but refine the details even more. Alsim will be a strong partner to improve my skills and work hard all along the season to reach my goals."

About Mélanie Astles

Mélanie Astles of France is the first woman to compete in the Challenger Class and in the 2017 finale at Indianapolis Motor Speedway, she became the first female race winner in the history of the Red Bull Air Race. The achievement additionally made her the first woman to win a major motorsport event in more than 100 years of racing at the famous American oval.

Learn more: <https://airrace.redbull.com/en/pilot/melanie-astles>

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