

# Sky's the limit for **SBAS** technology

Satellite-Based Augmentation System (SBAS) technology is seen as the future to delivering highly accurate positioning, and its benefits are about to be tested here.

**M**any countries around the world already take advantage of first generation SBAS technology on a daily basis.

But representatives from the aviation industry here will be among the first to test extra satellite signals and multiple GNSS constellations available in second generation SBAS, as part of a trial across New Zealand and Australia.

SBAS technology provides accurate and high integrity lateral and vertical guidance for landing procedures at aerodromes where the cost of alternative procedures requiring ground infrastructure cannot be justified. This is the case for many regional and remote aerodromes in both New Zealand and Australia. What this translates into is a decrease in the likelihood that a flight will be cancelled or diverted due to weather, or that multiple attempts at landing will be required.

The New Zealand-based aviation trial is being led by Airways with partners Aeropath, Auckland Rescue Helicopter Trust, IQ Aviation, and HeliOtago. It will evaluate first generation SBAS at controlled, and selected uncontrolled aerodromes and heliports. The overall goal is to assess and quantify the benefits to the aviation system in the New Zealand context.

The Director of New Southern Sky (NSS), Steve Smyth, says it's great to see a wide range of NSS stakeholders participate in the trial.

"The investment of significant time, equipment, and expertise reflects the potential value of the safety and operational benefits envisaged from an SBAS service."

The programme, funded by the Australian and New Zealand governments, is working with more than 30 organisations and businesses from 10 industry sectors across the two countries, to test the service and identify the economic and social benefits of improved positioning technology.

See more information about the Australasian SBAS trial at [www.linz.govt.nz/sbas](http://www.linz.govt.nz/sbas). ■



## Rose Wood Retires

"If I never see another sausage roll, that will be fine!" The inspiration behind AvKiwi is leaving the CAA after 20 years.

**T**housands of kilometres on the road. Tens of thousands of sausage rolls cooked in aero club kitchens for the post-seminar bash. Hundreds of AvKiwi Safety Seminars starting with, "Hi, I'm Rose Wood, I'm the team leader of Safety Promotion and the AIP editor..." The indefatigable Rose Wood is hanging up her oven gloves, and moving into retirement.

"AvKiwi is the thing of which I'm most proud," says Rose, reflecting on 20 years with the Authority.

"We've built a trusted brand, to the point where the community has had the confidence to share their stories with us of when they stuffed up, and allowed us to use those in the AvKiwis. They know we're not going to abuse that trust.

"And the audiences who've turned out! It can be a wet, cold Monday night, they've been to work, come home, had tea, and just want to relax. And here they are turning out to the local aero club to hear how to be safer pilots.

"It's really humbling."

The Safety Promotion editor, Peter Singleton, has accompanied Rose on many AvKiwi journeys, and to many airshows.

"I've never known anyone to work so hard and so tirelessly, and she does that because of her passion for aviation safety," he says.

Carlton Campbell, veteran presenter of AvKiwi seminars, describes a situation highlighting Rose's strengths.

"It was a Sunday, there was no equipment at the venue – despite being shipped from the CAA days before – and the courier was closed.

"Rose had the entire city alive and energised to find everything we needed so the show could go on."

Peter Singleton says her team will miss her terribly.

"But her amazing work really will endure for a long time." ■