

FSExpo Streamed Seminars

A unique opportunity for Aussies to attend a major international flight simulation conference online

DATE: 24-26 September, 2021
LOCATION: San Diego, CA, USA

Proudly supported by Flight Simulation Australia



The 2021 FlightSimExpo will be a hybrid in-person and online event. Seminars will be livestreamed to the community on Twitch or YouTube. Some seminars are free of charge, others require a paid event registration for Online-Only Attendance, as indicated below. The initial schedule of streamed events follows. Organisers will be adding additional seminars to the schedule as the event approaches. Dates, times, and seminars are subject to change, so keep an eye out for changes. Session start and finish times indicated below are at Australian Eastern Standard Time (AEST).

Registration & Cost

Full details on FlightSimExpo 2021 can be found [here](#)
 All Weekend Online-Only registration is \$21.00 AUD.

REGISTER HERE

How it will work

Once registered, you will have a schedule of seminars from which to choose. You can elect to enter and exit each session at any time. Online attendees will have exclusive access to the recordings for at least 30 days after the event. Therefore, you will be able to pick and choose which sessions you want to watch live, then later go back and see the ones you missed.

Saturday, 25 September, 2021

PROGRAM AMENDMENTS (as at 21/8/2021)

Time (AEST)	Captains' Corner Educational Seminar Series	Registered Attendees	Streamed Free
05:30 06:30	Building Your Own Computer Watch experts Dave Carrick and FlightChops build a computer, from parts, live on stage...with a chance to win the end product.	Yes	No
NEW 07:00 07:45	Flight Planning & Dispatch Q&A From oceanic operations to domestic flying, bring your questions and bring your virtual flying up a flight level!	Yes	No
08:00 08:45 TIME CHANGE	Realistic Hardware for Home Flight Simulation Hear about hardware options for at-home flight simulation and their benefits for real-world training.	Yes	No
08:00 08:45 RESCHEDULED	Development for MSFS 2020 and the Future of Add-ons Aerosoft provides thoughts on the flight simulation add-on market	Moved to Sunday 26 September	
09:00 09:45	FMC and Systems Operations in X-Plane Explore the various FMC functions and options now available by default in X-Plane 11	Yes	No
10:00 10:45	Home Cockpit Construction An in-depth discussion of tools, tips, and tricks for home cockpit builders and simmers.	Yes	No

Sunday, 26 September, 2021

Time (AEST)	Seminar Title & Content	Registered Attendees	Streamed Free
02:00 02:20	Welcome to FlightSimExpo 2021 Event organisers welcome you to the conference and provide an event overview	Yes	Yes
02:30 03:10	Flight Dispatch – The Other Half of Your Flight Two professionals, Michael Collier and Matt Bartells, teach simmers how to plan like pros	Yes	No
03:00 03:40	Aeronautical Decision Making: Thinking at the Next Flight Level An interactive course from a real-world airline pilot and simulator instructor, Ethan Hawes	WITHDRAWN	

NEW 03:00 03:40	Climbing Above Flight Simulation Barriers (Trevor Olsen) Actionable ways to overcome typical barriers in flight simulation, including costs, tools, knowledge and time	Yes	No
03:00 03:40 NEW TIME	(Almost) Everything You Need to Know About Virtual Reality (Sergio Costa) An overview of virtual reality (VR), the game-changing innovation in at-home simulation	Yes	No
03:30 04:10	Developer Seminar – Thrustmaster Developer Seminars offer conference partners the opportunity to discuss their products and showcase new developments	Yes	Yes
04:00 04:40	Using PC-Based Simulators for Fun and/or Flight Training Ed Valdez has used flight simulators for over 40 years. He will show how to really feel like you're in the pilot's seat. Whatever your budget, learn how to build a simulator that will give you the joy of flight.	Yes	No
04:00 04:40 NEW TIME	Build Your Home Cockpit with Open Source (Sebastian Moebius) Open-source software and hardware solutions to make your home cockpit building dreams Come True	Yes	No
04:30 05:10	The New Era of Military Flight Training Major Kinsley "TRIGGER" Jordan will outline how flight simulators have transformed the way the next generation of fighter pilots are trained.	Yes	No
05:00 05:40	Let's Fly Blind! Sarah Alwami has been blind flight simmer since 2018. She will explain how, using particular technologies, it is possible for blind simmers to fly almost as well as sighted people.	Yes	No
05:00 05:40	The Role of Simulation in NTSB Aviation Accident Investigations The NTSB's John O'Callaghan will outline how the Board used simulation on the "Miracle on the Hudson" flight investigation and other aviation incidents.	Yes	No
05:00 05:40 RESCHEDULED	(Almost) Everything You Need to Know About Virtual Reality An overview by Sérgio Costa of virtual reality (VR), the game-changing innovation in at-home simulation.	Yes	No
05:30 06:10	Your First DIY Home cockpit Component Jon Coghlan will go through how to build your first home cockpit component: an Arduino-based light array that you can hook up to DCS, X-Plane, Roger Meatball, or any flight sim with an output feed. Included with the talk are a parts list, source code, and detailed instructions.	Yes	No
05:30 06:10 RESCHEDULED	Build Your Own Cockpit with Open Source! Sebastian Moebius, creator of MobiFlight will take you through the open source software and hardware to make your home cockpit building come true.	Yes	No
06:00 06:40	Developer Seminar – Turtle Beach Developer Seminars offer conference partners the opportunity to discuss their products and showcase new developments.	Yes	No
06:30 07:10	Using Augmented Reality in Flight Simulation Christoph Leuze will take you through how users of flight simulators and the real world can connect via augmented reality.	Yes	No
07:00 08:00	Developer Seminar – X-Plane Developer Seminars offer conference partners the opportunity to discuss their products and showcase new developments.	Yes	Yes
07:30 08:00	Building a Full Motion Simulator with force Feedback Controls Steven Kaye will detail building a cockpit to simulate VFR and IFR flight of general aviation aircraft to a level of realism that would let the pilot forget they're in a simulator.	Yes	No
08:15 08:45	Developer Seminar – Lockheed Martin Prepar3D Developer Seminars offer conference partners the opportunity to discuss their products and showcase new developments.	Yes	No
08:30 09:15	TheFlyingFabio Meet & Greet and AMA An opportunity to meet The FlyingFabio in person and listen to his aviation and simulation story, plus a Q&A session.	Yes	Yes

09:00 09:30	Practical Simulator Use as a Training Aid Paul Duty from Gleim Aviation will present a brief history of simulation in flight training and how to maximise the effectiveness of your simulator as a training aid.	Yes	No
09:30 10:15	Developer Seminar – Virtual Fly Developer Seminars offer conference partners the opportunity to discuss their products and showcase new developments.	Yes	No
09:45 10:15	Developer Seminar – FlightFactor Developer Seminars offer conference partners the opportunity to discuss their products and showcase new developments.	Yes	No

Monday, 27 September, 2021

Time (AEST)	Seminar Title & Content	Registered Attendees	Streamed Free
03:00 05:00	Exhibitor Video Booths Up to 4 exhibitors will be hosting video booths for online attendees. More information will be available closer to the event	Yes	No
04:30 05:10	Getting Started in Flight Simulation Calum Martin will provide a step-by-step, practical overview—complete with instructions, videos, and pictures—of how and where to start in the simulation world.	Yes	No
On Demand	Flying Helicopters in the Simulator This is Part 2 of Sérgio Costa’s introduction to helicopters in flight simulation. Sérgio, founder of HeliSimmer.com, will discuss the strategies he followed to become a better virtual helicopter pilot.	Yes	No
05:30 06:10	Online Aviation Sebastian Knoop-Troullier will provide an introduction to online flying, one of the most fun and beneficial components of home simulation.	Yes	No
06:30 07:10	Lightning Strikes – Development of the F-35 Flight Demonstration The F-35 flight demonstration was the product of a novel methodology to develop aerobatic manoeuvres as well as endless hours of practice and simulation. This talk describes the development of one of the most talked about and watched airshow routines in history.	Yes	No
07:30 08:00	Thank You & FlightSimExpo 2022 Conference organisers will close the show with a discussion about next year’s event	Yes	Yes

Other Online Events

Day & Time (AEST)	Event Title & Content	Registered Attendees	Streamed Free
Saturday 25 th TBD	Virtual KSAN Fly-in Offline or on the network of your choice, join co-participants for a coordinated ‘fly-in’ to KSAN on your simulator, aiming to land just before the start of the event	Yes	No
Sunday 26 th 03:00 05:00	Exhibitor Video Booths Up to 4 exhibitors will be hosting live video booths for online attendees. More information will be available closer to the event	Yes	No
Sunday 26 th 03:00 04:00	FlightSimExpo Landing Competition – Finals A showdown of the top finalists from the X-Plane competition	Yes	No
Sunday 26 th 11:00 14:00	Fly San Diego in the Simulator While on-site attendees are having drinks and appetizers, take some time to explore San Diego offline or on your network of choice. The organisers will be working with popular online networks to offer pilot and ATC events in the area for online attendees	Yes	No
Monday 27 th 03:30 05:30	Exhibitor Video Booths Up to 4 exhibitors will be hosting live video booths for online attendees. More information will be available closer to the event	Yes	No

Monday 27 th 08:30 10:30	Fly Yourself Home Offline or on your network of choice, depart KSAN in your simulator and head home. Whether it's a quick GA flight or a long-haul airline route, head back to your virtual hangar with other attendees.	Yes	No
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Aussie Attendance Report

If you registered and attended FlightSimExpo 2021 as an online participant, Flight Simulation Australia would appreciate learning of your experience. Please drop me a line at <mailto:info@flightsimaus.com.au>

- The seminar streams you observed
- Which seminars you found most interesting or useful
- Other events you participated in, including flying events
- Any general comments on the event.