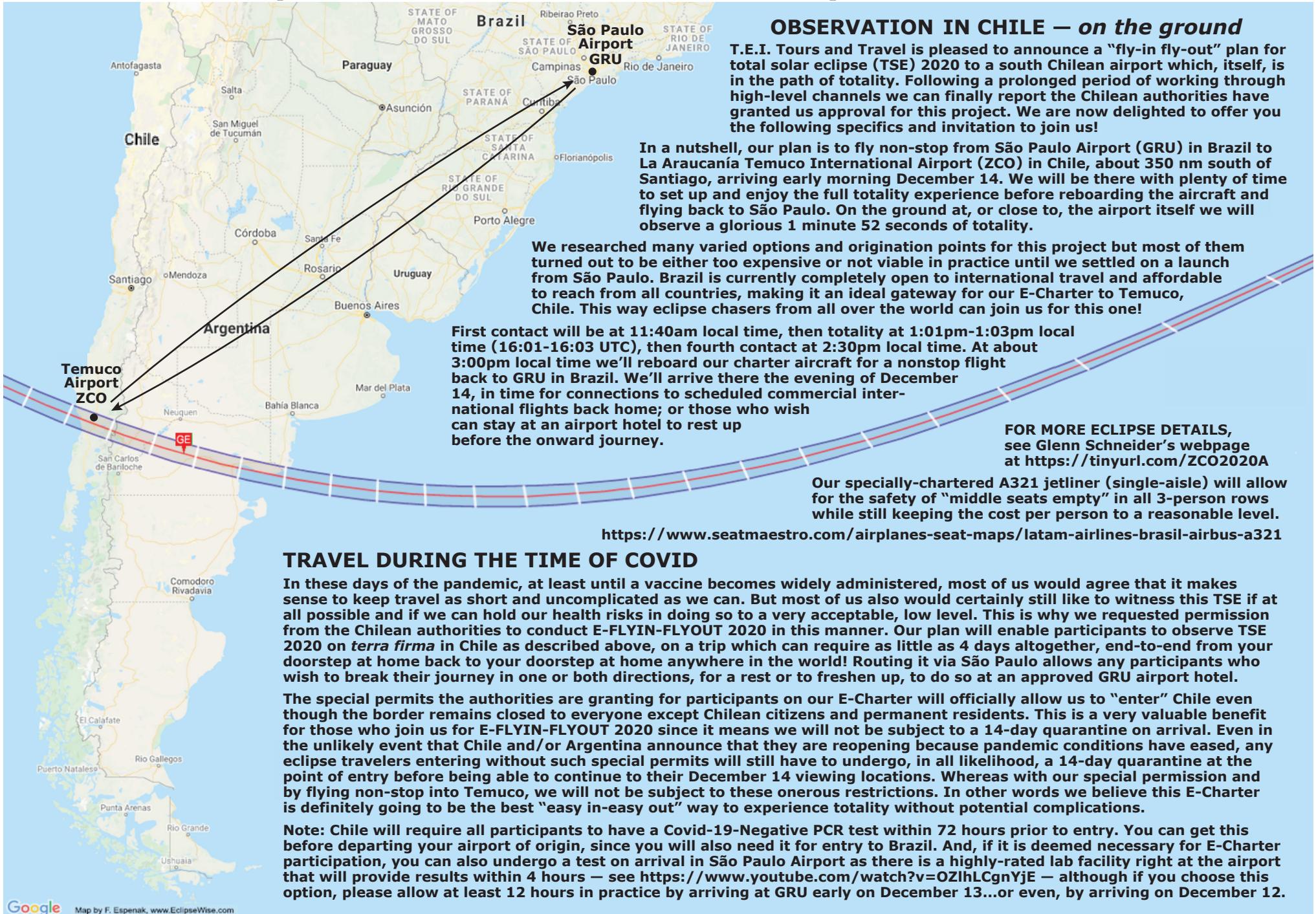


Total solar eclipse 2020 December 14 Monday – E-FLYIN-FLYOUT 2020



OBSERVATION IN CHILE – *on the ground*

T.E.I. Tours and Travel is pleased to announce a “fly-in fly-out” plan for total solar eclipse (TSE) 2020 to a south Chilean airport which, itself, is in the path of totality. Following a prolonged period of working through high-level channels we can finally report the Chilean authorities have granted us approval for this project. We are now delighted to offer you the following specifics and invitation to join us!

In a nutshell, our plan is to fly non-stop from São Paulo Airport (GRU) in Brazil to La Araucanía Temuco International Airport (ZCO) in Chile, about 350 nm south of Santiago, arriving early morning December 14. We will be there with plenty of time to set up and enjoy the full totality experience before reboarding the aircraft and flying back to São Paulo. On the ground at, or close to, the airport itself we will observe a glorious 1 minute 52 seconds of totality.

We researched many varied options and origination points for this project but most of them turned out to be either too expensive or not viable in practice until we settled on a launch from São Paulo. Brazil is currently completely open to international travel and affordable to reach from all countries, making it an ideal gateway for our E-Charter to Temuco, Chile. This way eclipse chasers from all over the world can join us for this one!

First contact will be at 11:40am local time, then totality at 1:01pm-1:03pm local time (16:01-16:03 UTC), then fourth contact at 2:30pm local time. At about 3:00pm local time we'll reboard our charter aircraft for a nonstop flight back to GRU in Brazil. We'll arrive there the evening of December 14, in time for connections to scheduled commercial international flights back home; or those who wish can stay at an airport hotel to rest up before the onward journey.

FOR MORE ECLIPSE DETAILS, see Glenn Schneider's webpage at <https://tinyurl.com/ZCO2020A>

Our specially-chartered A321 jetliner (single-aisle) will allow for the safety of “middle seats empty” in all 3-person rows while still keeping the cost per person to a reasonable level.

<https://www.seatmaestro.com/airplanes-seat-maps/latam-airlines-brasil-airbus-a321>

TRAVEL DURING THE TIME OF COVID

In these days of the pandemic, at least until a vaccine becomes widely administered, most of us would agree that it makes sense to keep travel as short and uncomplicated as we can. But most of us also would certainly still like to witness this TSE if at all possible and if we can hold our health risks in doing so to a very acceptable, low level. This is why we requested permission from the Chilean authorities to conduct E-FLYIN-FLYOUT 2020 in this manner. Our plan will enable participants to observe TSE 2020 on *terra firma* in Chile as described above, on a trip which can require as little as 4 days altogether, end-to-end from your doorstep at home back to your doorstep at home anywhere in the world! Routing it via São Paulo allows any participants who wish to break their journey in one or both directions, for a rest or to freshen up, to do so at an approved GRU airport hotel.

The special permits the authorities are granting for participants on our E-Charter will officially allow us to “enter” Chile even though the border remains closed to everyone except Chilean citizens and permanent residents. This is a very valuable benefit for those who join us for E-FLYIN-FLYOUT 2020 since it means we will not be subject to a 14-day quarantine on arrival. Even in the unlikely event that Chile and/or Argentina announce that they are reopening because pandemic conditions have eased, any eclipse travelers entering without such special permits will still have to undergo, in all likelihood, a 14-day quarantine at the point of entry before being able to continue to their December 14 viewing locations. Whereas with our special permission and by flying non-stop into Temuco, we will not be subject to these onerous restrictions. In other words we believe this E-Charter is definitely going to be the best “easy in-easy out” way to experience totality without potential complications.

Note: Chile will require all participants to have a Covid-19-Negative PCR test within 72 hours prior to entry. You can get this before departing your airport of origin, since you will also need it for entry to Brazil. And, if it is deemed necessary for E-Charter participation, you can also undergo a test on arrival in São Paulo Airport as there is a highly-rated lab facility right at the airport that will provide results within 4 hours – see <https://www.youtube.com/watch?v=OZlhLCgnYjE> – although if you choose this option, please allow at least 12 hours in practice by arriving at GRU early on December 13...or even, by arriving on December 12.

For the protection of all on board, our E-Charter for TSE 2020 will operate to a higher-than-required standard of health safety including everyone wearing a suitably approved good-quality mask and face shield at all times, except while eating or drinking, and conforming to our "middle-seats-empty" social-distancing policy with as little movement around the cabin as possible while on board.

ENTRY DETAILS — while the border of Chile remains closed to all countries at present, the special permission the Chilean authorities are granting us will allow E-Charter participants to receive an exemption to this by obtaining a pre-authorized "salvoconducto" (safe-conduct pass) from a Chilean consulate. We are awaiting fuller details from the authorities on issuance of these to individuals. It may involve your making a visit to the Chilean consulate which is responsible for the area you reside in.

Our observing site:

<https://umbracept.files.wordpress.com/2020/08/eclipse-mapas-20200805e.pdf>

[https://www.google.com/maps/place/Araucan%C3%ADa+Airport+\(Temuco\)/@-38.9266812,-72.6473521,426m/data=!3m1!1e3!4m5!3m4!1s0x9614dec58f5d709b:0xfdcd026ce8a1f31!8m2!3d-38.9271653!4d-72.6468532](https://www.google.com/maps/place/Araucan%C3%ADa+Airport+(Temuco)/@-38.9266812,-72.6473521,426m/data=!3m1!1e3!4m5!3m4!1s0x9614dec58f5d709b:0xfdcd026ce8a1f31!8m2!3d-38.9271653!4d-72.6468532)

<https://umbracept.files.wordpress.com/2020/10/zco-locations-20201026f.pdf>

<https://www.youtube.com/watch?v=maG4ThyxTr8> — good views — Spanish narration is mainly just airport statistics

PRICING: \$3,250 per person for the E-Charter from São Paulo to Temuco and back. Airfare from your airport of origin to São Paulo will be your own separate responsibility; however, do check with us for availability and special prices on some routes.

A limited number of premium coach seats with extra leg room are available at \$250 additional on a first-come-first-served basis.

Specific seat selection is not available in advance but T.E.I. will allocate seating on a priority basis in the order of sign-up status. Since seating is 3 seats on each side of the aisle and since we aim to hold middle seats empty in as many rows as possible (exceptions being made for families/households traveling together), everyone will have either a window seat or an aisle seat. Please indicate your preference on the booking form.

Because time is so short and we're already within the normal balance payment time period, we're now accepting payments of the full \$3,250 per SEAT on a first-come-first-served basis. We will accept reservations by email to **tei@teiglobal.com** and/or by phone call to **+1 925-825-6104** and will hold them on a tentative basis for 7 days pending receipt of your payment along with your completed booking form from the following page, passport copy and confirmation in writing. You may also complete the booking form and mail that along with your payment check and passport copy if you prefer. Payments by U.S. dollar check are acceptable. We will also accept bank transfer or PayPal. If you desire to pay by either of these latter two methods please contact T.E.I. for details as they involve an additional fee the banks will impose.

VERY IMPORTANT, elaborating on the mention just above: please include a clear, legible copy of your passport information pages with your application.

Due to terms of the airline charter contract and the short time before travel, please note that after you make your payment no cancellations or refunds will be possible.

In the unlikely event, however, that the Chilean authorities unexpectedly change course and rescind our "salvoconducto" (safe-conduct pass) approval, or if the airline unexpectedly withdraws our aircraft assignment, or if we have to cancel the charter ourselves due to any unanticipated extraneous circumstances beyond our control, we will return to you any refunds we recover from the suppliers — but alerting you in advance that despite our best efforts these will be less, or perhaps even much less, than what you paid because of the timeframe involved. For these reasons we strongly suggest you consider taking out travel insurance to protect your investment in this trip.

We anticipate a large response to this special eclipse charter flight, therefore we encourage you to sign up as soon as possible! It's a rare opportunity to get to this TSE for a ground-based observation. After this the next logically straightforward ground-based opportunities won't be until 2023, in remote and difficult/expensive-to-access northwest Australia, and 2024 in USA/Mexico.

(We do have a far-south-Atlantic airborne-intercept charter flight available for TSE 2021 December 04 — see <https://tinyurl.com/EFLIGHT2021> and <http://www.teitim.ipage.com/Documents/EFLIGHT2021FLYER.pdf>.)

We're excited about operating this sure-to-be-memorable flight to view TSE 2020 December 14 on the ground at Temuco ZCO airport in Chile! And indeed we already have a high degree of interest from people ready to sign up for it. We look forward to welcoming you on board! If any questions, please do not hesitate to contact us.

Sincerely,

Tim Todd, T.E.I. TOURS & TRAVEL, tei@teiglobal.com, +1 925-825-6104 (Pacific time zone)

For technical questions regarding the eclipse:

Dr. Glenn Schneider, Ph.D., gschneider@as.arizona.edu

Also, project specialist: John Beattie, jrbt@eclipse.net

Last update: 2020 Oct-26 Mon. 1:50am EDT

BACKUP AIR OPTION TO 39,000 FEET ALTITUDE: UMBRASCAPE 2020

While we would all like to view this TSE from a terrestrial perch we are well aware that our site upon, or adjacent to, Temuco ZCO airport in southern Chile is going to be subject to vagaries of the weather, as any ground location always is. Therefore we're working on a supplemental offer to be available for those who may be interested. This is still under development and will need the airline's approval. It would involve a prepaid 1.5-hour flight to witness a portion of totality from above the elements. Because of the high solar elevation of a bit more than 70 degrees, this flight would enable those on board to see not all of totality but aiming for approx. half of it, around one minute of totality — i.e. not perfect, but vastly preferable to no view at all if ground-based visibility turns out to be zero. Also, participants would have stunning pre-totality views of the lunar umbra approaching over the clouds below, and departing post-totality. Since we would have to hire the aircraft and crew and implement full planning for this whether or not we actually fly it, all who sign up and non-refundably prepay-in-full should treat this as an "eclipse insurance policy expense". Please inquire, by checking the applicable box in the booking form below, if you would like more details when they become available, including as to pricing.

BOOKING RESERVATION FORM FOR E-FLYIN-FLYOUT 2020

Please book SEAT(s) for the person(s) named below. I enclose a non-refundable \$3,250 payment for each SEAT booked.

FULL NAME(S)

SEAT PREFERENCE (aisle/window)*

*T.E.I. and/or the airline will determine actual seat assignments based on health safety standards, allocating on a first-come-first-served basis.

REMINDER, VERY IMPORTANT: Please include a clear, legible copy of the passport information pages for EACH person named. This will be used for the "salvoconducto" special permit authorization. Failure by you to secure this in time may involve you in additional expense or loss of your place on the E-Charter with no refund.

Please send me more information about the Umbrascape 2020 backup air option when details become available.

By signing below I am indicating I accept the terms and conditions of this E-FLYIN-FLYOUT 2020 booking as explained above, and in particular that my payment of \$3,250 per SEAT is non-refundable.

NAME: _____ ADDRESS: _____

CITY: _____ STATE/PROVINCE+ZIP/POSTCODE: _____ COUNTRY: _____

EMAIL: _____ TELEPHONE(S): _____

SIGNED: _____ DATE: _____

T.E.I. TOURS & TRAVEL, P.O. Box 23784, Pleasant Hill, CA 94523 USA
Tel.: +1 925-825-6104 Email: tei@teiglobal.com

FLIGHT SAFETY FOUNDATION

At their website <https://flightsafety.org> the Flight Safety Foundation, founded 1947, writes, "We are an independent, international, and impartial non-profit that exists to champion the cause of aviation safety." They provide for download...
<https://flightsafety.org/wp-content/uploads/2020/08/COVID-19-Risk-Reduction-Strategy.pdf>
<https://flightsafety.org/wp-content/uploads/2020/06/New-Norms-in-Air-Travel.pdf>
...and many more documents.

CURRENT HEALTH SAFETY ON AIRPLANES — A COUPLE OF RECENT ARTICLES

[https://www.travelpulse.com/news/airlines/flight-safety-foundation-says-its-safe-to-fly.html?](https://www.travelpulse.com/news/airlines/flight-safety-foundation-says-its-safe-to-fly.html)

Travel Pulse

Flight Safety Foundation Says "It's Safe to Fly"

Laurie Baratti October 6, 2020

The Flight Safety Foundation, a global advocate for aviation safety, released a bold statement today, telling the traveling public that "It's Safe to Fly". Having completed a six-month-long analysis of the industry's response to the COVID-19 pandemic, the Foundation has concluded that the health and safety measures implemented on airplanes and in airports are succeeding in greatly reducing the risk of viral transmission.

"The latest evidence shows that aircraft[s] and airports have very low levels of transmission," said Dr. Hassan Shahidi, President and CEO of the Foundation. "With the health and safety measures that airlines, airports and security personnel have now put in place, the risk of contracting this virus appears extraordinarily low, much lower than in other public places, Shahidi said. "Given these extraordinary measures, the traveling public should have increased confidence that it's safe to fly."

The Foundation has also called upon worldwide governments to help restore passenger confidence by, "replacing haphazard, restrictive international travel bans and blanket quarantines with better, smarter measures that are more uniform and focused on preventing spread of the virus through reliable testing," said Capt. Conor Nolan, chairman of the Foundation's Board of Governors and director of Safety and Security at Aer Lingus.

"We now have disjointed testing rules, indiscriminate bans, and confusing quarantine rules that discourage passengers from making travel plans," said Nolan. "Governments and industry need to coalesce around universally accepted testing standards to identify and prevent the spread of the virus until we get a vaccine."

Other industry organizations have issued similar appeals to establish unified testing and entry requirements in the interest of restarting international travel, which would help keep airlines and their workforces afloat.

The Foundation reached its conclusion on the safety of flying amid the industry's current COVID-19 precautions by analyzing data from leading public health authorities, industry players and its own expert medical consultants. It attributes its findings of the low incidence of viral transmission in international air travel to the various enhanced cleaning and sanitization measures employed in airports and on board aircraft[s], as well as vigilance in enforcing mask-wearing and social distancing requirements.

Among the sweeping changes that have been widely adopted are:

- Enhanced cleaning and disinfection procedures, improved sanitization technologies
- New socially-distant boarding and deplaning protocols
- Enhanced training and virus-testing for employees
- Personal protective equipment requirements
- Contactless check-in and other touchless processes implemented at every stage of the passenger experience
- International airport health accreditation programs

The Foundation also credited cabin design features with helping to protect passengers from the spread of airborne particulates, such as the frequent exchange of cabin air with outside air and advanced high-efficiency particulate air (HEPA) filtering systems used in most modern airplanes.

https://www.travelmole.com/news_feature.php?news_id=2044611

Travel Mole

Published on Thursday, October 8, 2020

IATA claims only one in 27 million air passengers develop Covid in flight

The International Air Transport Association has claimed only 44 Covid cases have been transmitted during a flight – out of 1.2 billion passengers.

The figures translate to one case for every 27 million passengers, or 0.0000036%.

"The risk of a passenger contracting COVID-19 while onboard appears very low," IATA Medical Advisor Dr David Powell said.

IATA admitted there was no precise way to establish the exact number of aircraft transmissions.

But it said its "outreach to airlines and public health authorities combined with a thorough review of available literature" has not suggested any widespread onboard transmission.

"We recognise that this may be an underestimate but even if 90% of the cases were un-reported, it would be one case for every 2.7 million travellers," Dr Powell said. "We think these figures are extremely reassuring."

Even more encouraging, he added, is that published data occurred before the widespread wearing of face masks on aircraft[s] and in airports.

New insight into why the numbers are so low emerged following research conducted by Airbus, Boeing and Embraer.

All three plane makers claimed aircraft airflow systems control the movement of particles in the cabin, limiting the spread of viruses.

Despite slightly different methodologies, the research claims aircraft airflow systems, specialised filters, the natural barrier of the seatback, the downward flow of air and "high rates of air exchange" reduce the risk of disease transmission inside the cabin.

"The addition of mask-wearing amid pandemic concerns adds a further and significant extra layer of protection, which makes being seated in close proximity in an aircraft cabin safer than most other indoor environments," IATA concluded.