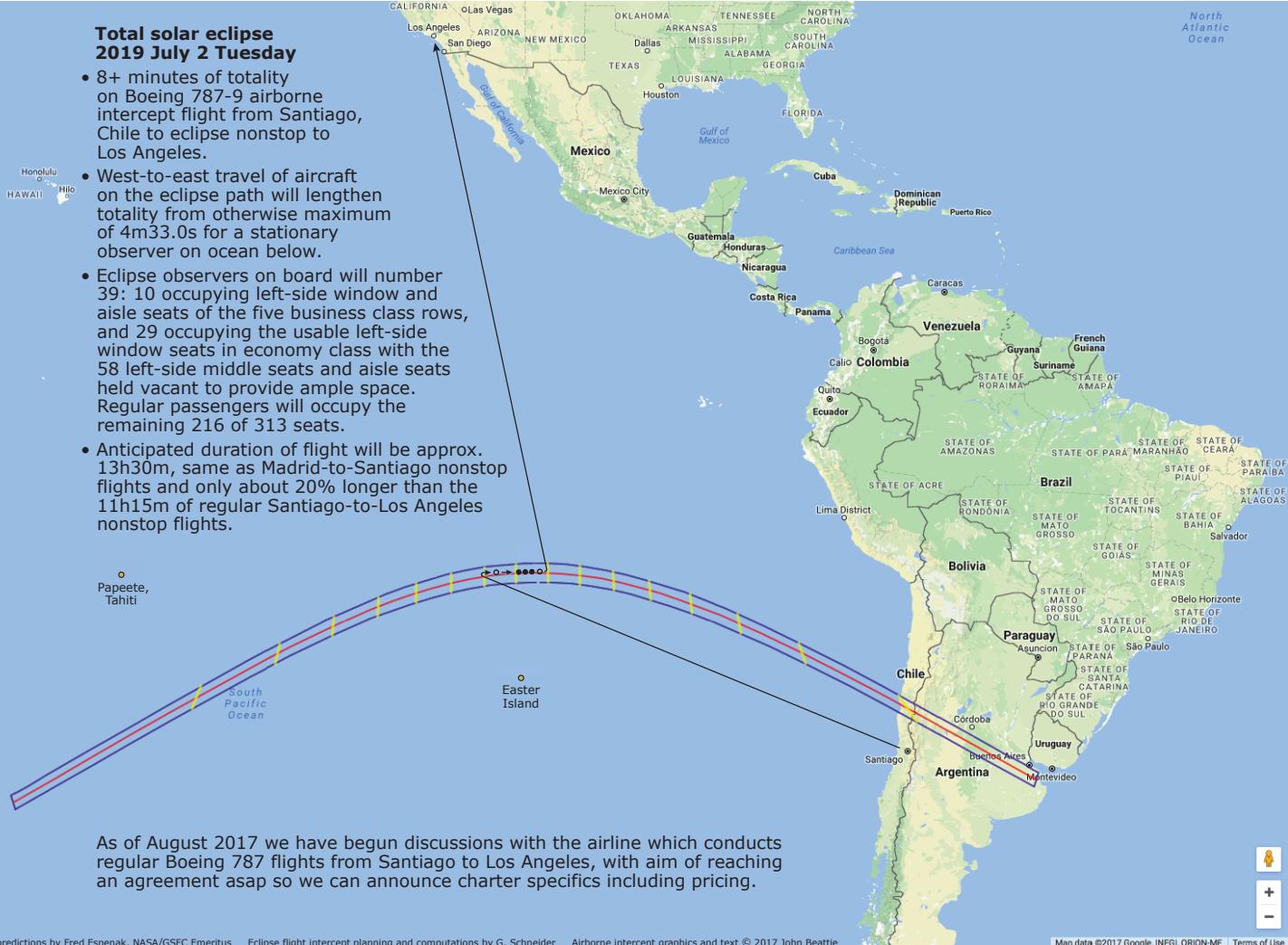


## Total solar eclipse 2019 July 2 Tuesday

- 8+ minutes of totality on Boeing 787-9 airborne intercept flight from Santiago, Chile to eclipse nonstop to Los Angeles.
- West-to-east travel of aircraft on the eclipse path will lengthen totality from otherwise maximum of 4m33.0s for a stationary observer on ocean below.
- Eclipse observers on board will number 39: 10 occupying left-side window and aisle seats of the five business class rows, and 29 occupying the usable left-side window seats in economy class with the 58 left-side middle seats and aisle seats held vacant to provide ample space. Regular passengers will occupy the remaining 216 of 313 seats.
- Anticipated duration of flight will be approx. 13h30m, same as Madrid-to-Santiago nonstop flights and only about 20% longer than the 11h15m of regular Santiago-to-Los Angeles nonstop flights.



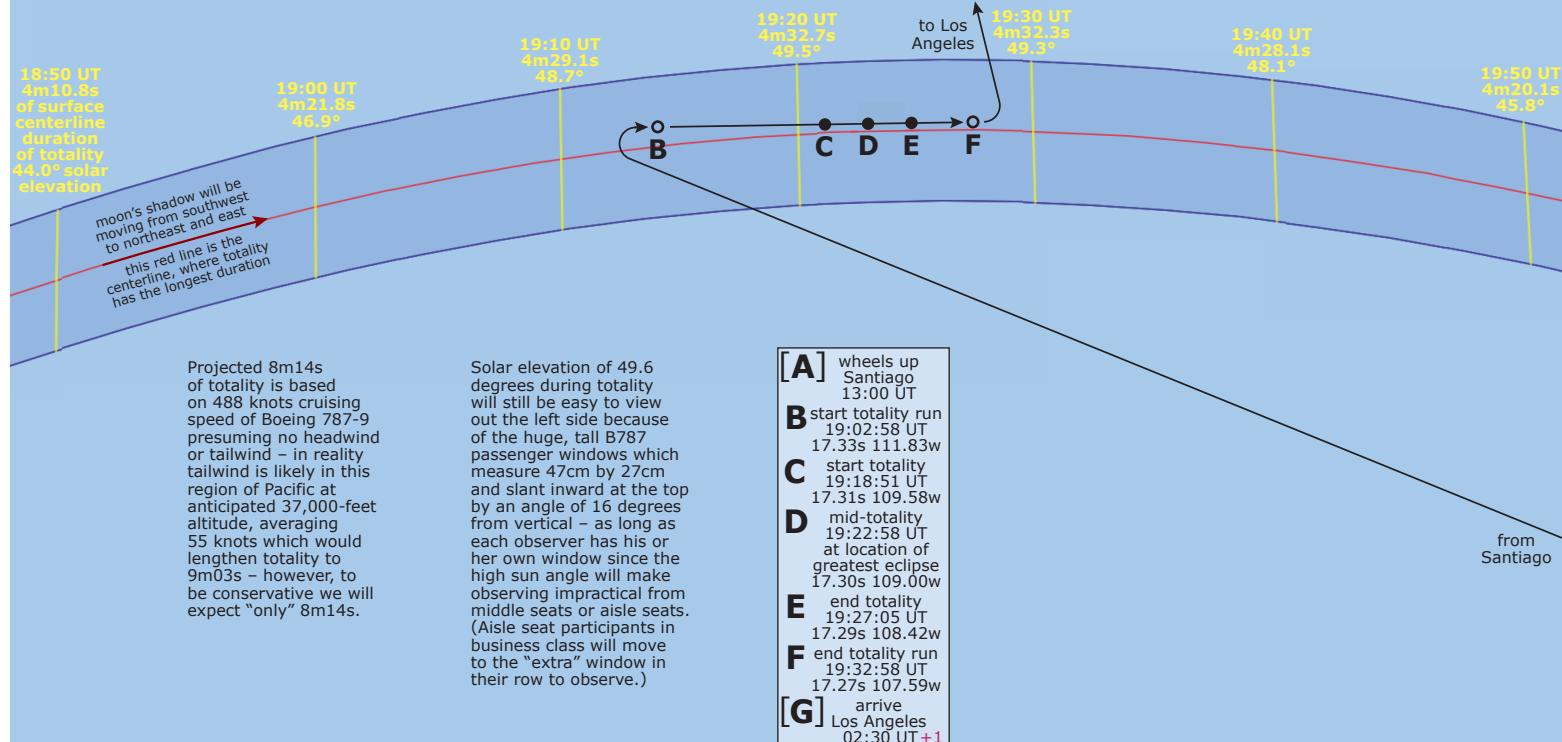
As of August 2017 we have begun discussions with the airline which conducts regular Boeing 787 flights from Santiago to Los Angeles, with aim of reaching an agreement asap so we can announce charter specifics including pricing.

Google

Eclipse predictions by Fred Espenak, NASA/GSFC Emeritus Eclipse flight intercept planning and computations by G. Schneider Airborne intercept graphics and text © 2017 John Beattie

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Blue path of totality shown here is for sea level. Points B C D E F, the "totality run", show aircraft's intercept along eclipse path at 37,000-feet altitude, displaced 5.2 nm north from the sea-level path centerline (red) because sun is almost exactly due north at 49.6 degrees elevation. Our mid-intercept at point D is at location of maximum duration along the eclipse path.



100 nm

Easter Island