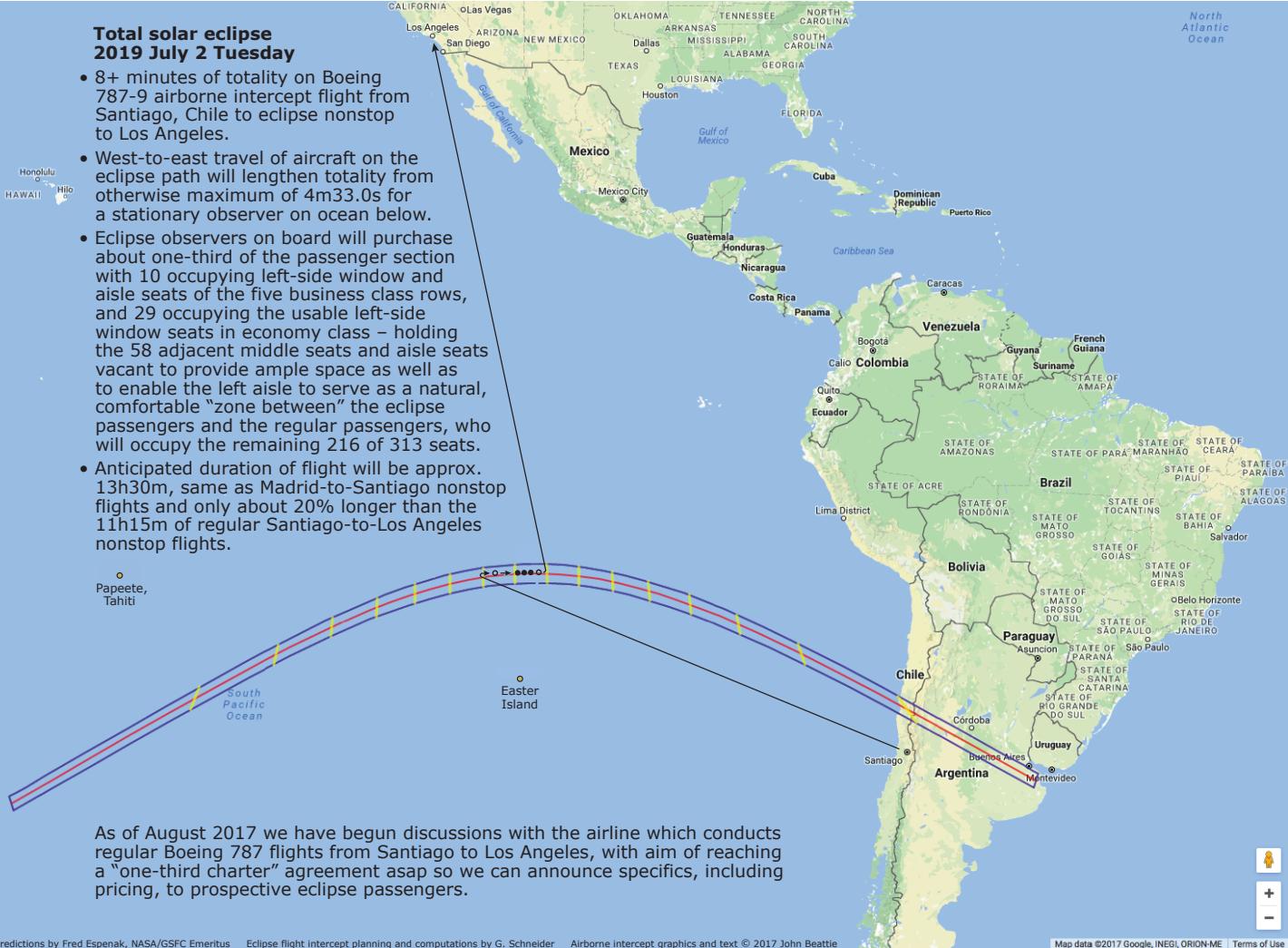


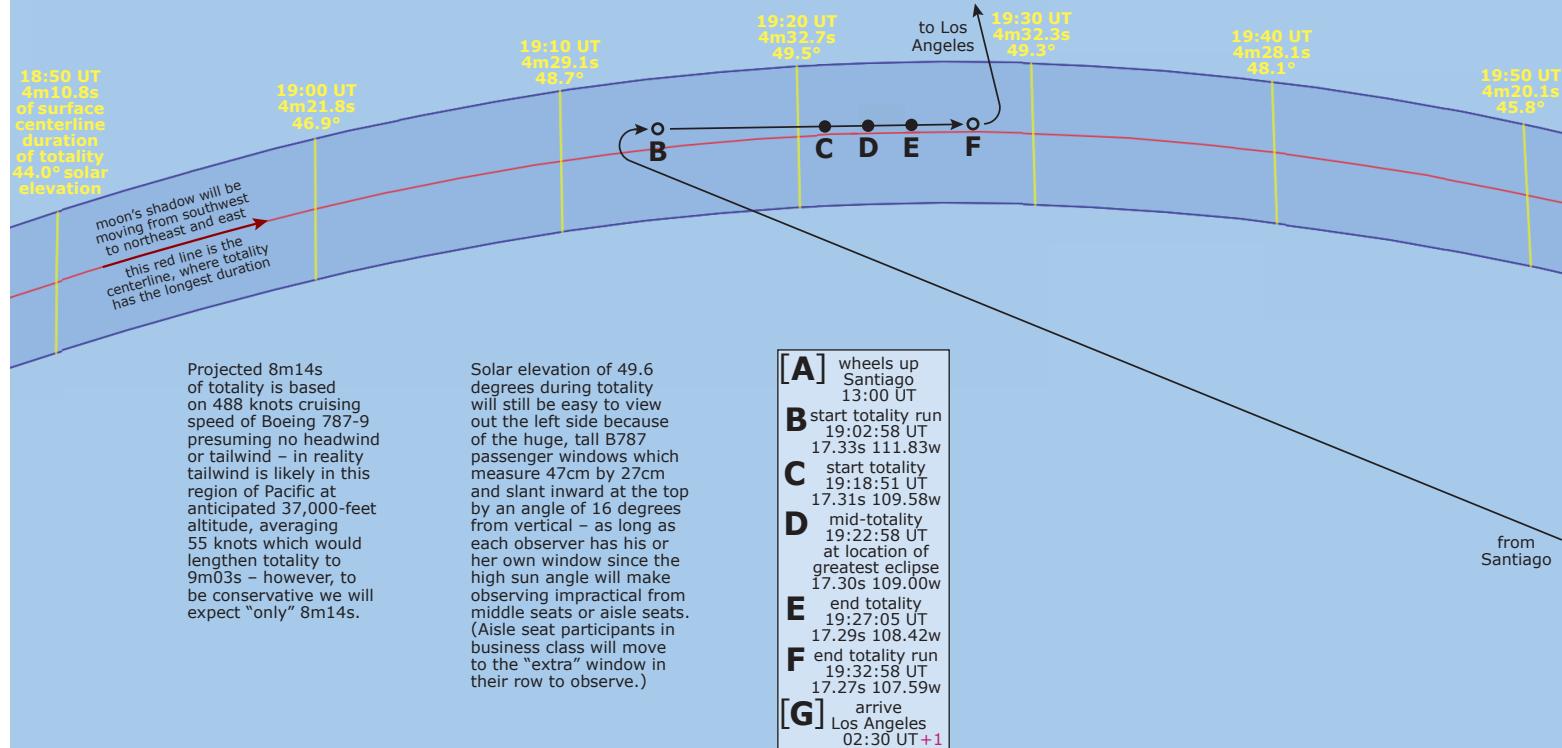
## Total solar eclipse 2019 July 2 Tuesday

- 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 purchase about one-third of the passenger section with 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 – holding the 58 adjacent middle seats and aisle seats vacant to provide ample space as well as to enable the left aisle to serve as a natural, comfortable “zone between” the eclipse passengers and the regular passengers, who 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 a “one-third charter” agreement asap so we can announce specifics, including pricing, to prospective eclipse passengers.

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