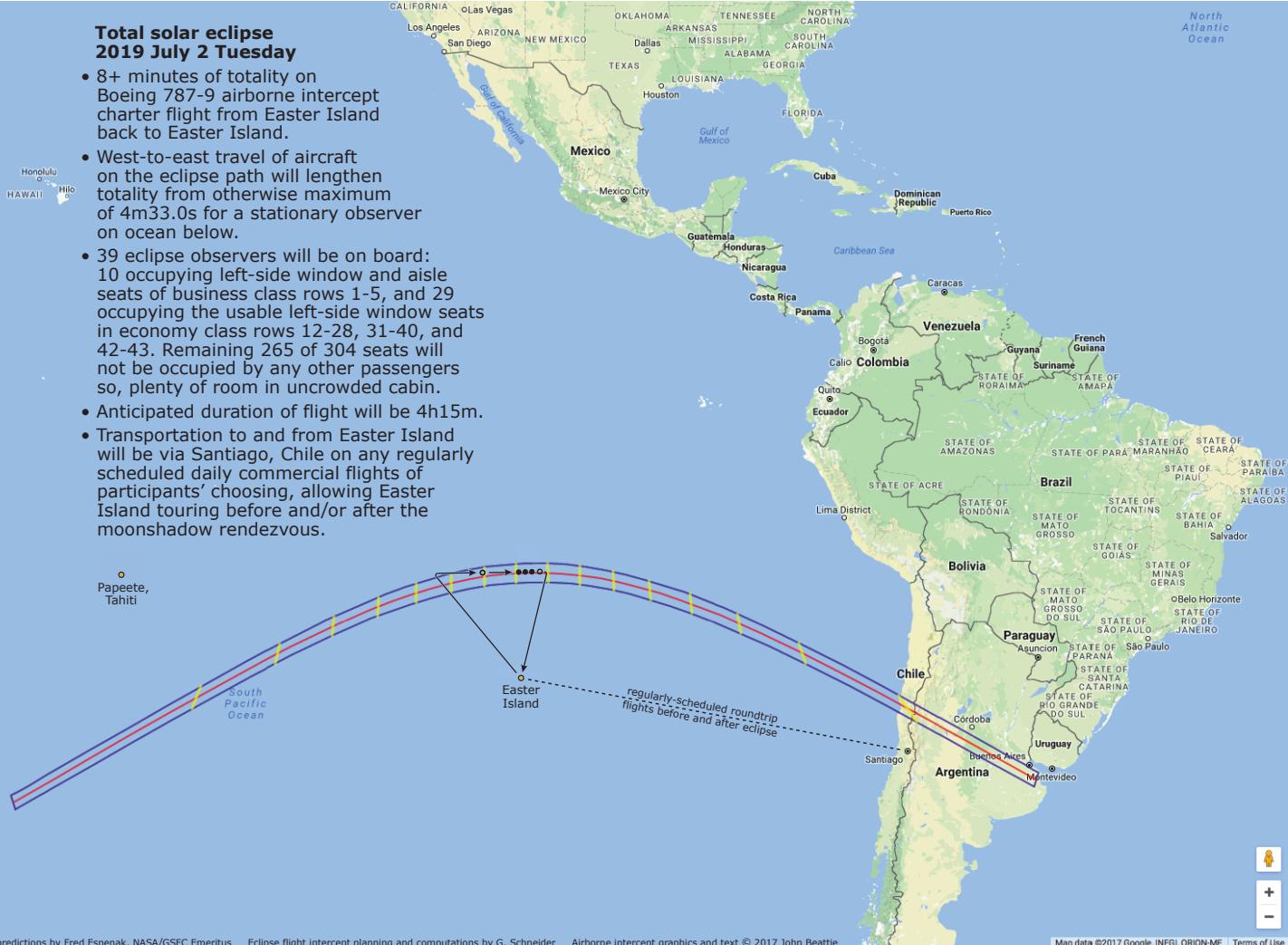


## Total solar eclipse 2019 July 2 Tuesday

- 8+ minutes of totality on Boeing 787-9 airborne intercept charter flight from Easter Island back to Easter Island.
- 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.
- 39 eclipse observers will be on board: 10 occupying left-side window and aisle seats of business class rows 1-5, and 29 occupying the usable left-side window seats in economy class rows 12-28, 31-40, and 42-43. Remaining 265 of 304 seats will not be occupied by any other passengers so, plenty of room in uncrowded cabin.
- Anticipated duration of flight will be 4h15m.
- Transportation to and from Easter Island will be via Santiago, Chile on any regularly scheduled daily commercial flights of participants' choosing, allowing Easter Island touring before and/or after the moonshadow rendezvous.



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.

