

## CORRESPONDENCE

*The Secretary,  
Royal Aeronautical Society.*

9th October, 1929.

SIR,—I notice in the October, 1929, issue of the JOURNAL that Major B. C. Carter, in a letter dealing with the resonant speeds of the Tornado III. engines of the R.101, makes the following statement:—

“The effect of the flexibility of the airscrew in its plane of rotation, and of imperfect frictional grip, is to reduce the critical speeds.”

I would like in this connection to call attention to the last sentence of my article, “The Vibration of Airscrew Blades,” published in the JOURNAL for December, 1922, viz.:—

“... The flexibility of the blades in the plane of rotation may have an appreciable influence in lowering the speed of torsional resonance of the crankshaft. . . .”

Yours faithfully,

J. MORRIS.