

interesting to obtain an experimental check on his conclusion that in present-day designs, the pitch amplitude at the blade tip is nearly ten per cent greater than that at the root. But I can see no reason to doubt his conclusion that as resonance is approached the blade tip moves into quadrature with the root, and since the amplitude ratio α/α_0 is then $1/\zeta$, it is evident that the blade tip will dominate the control. As the resonant condition is approached, therefore, there will be, not a loss of control, but a steady increase in a misdirected control. This is a new phenomenon in aeroelasticity, and I am grateful to Mr Hafner for drawing attention to it.

Vote of Thanks by Mr H B Squire

One of my problems in the helicopter field is that I have the greatest difficulty in understanding those people who work all the time in it. After a very long struggle I can dimly follow what they mean. There seems to be modes of thought in it which are not really shared in the outside world. Professor Collar comes from the "outside," and everything he says is perfectly clear—you either agree or disagree—at least you understand it. For that reason alone I thank Professor Collar for his lecture, which I really understood, and I would ask you to join with me and express our appreciation in the usual way.

THE THIRD ANNUAL DINNER OF THE HELICOPTER ASSOCIATION OF GREAT BRITAIN

The Association's Third Annual Dinner was held on the 24th September, 1949, at 6 Stanhope Gate, Park Lane, London, and was presided over by the President, JAMES G WEIR, C M G, C B E, F R A E S. The Guest of Honour was SIR GEORGE CRIBBETT, K B E, C M G.



Association of Gt Britain