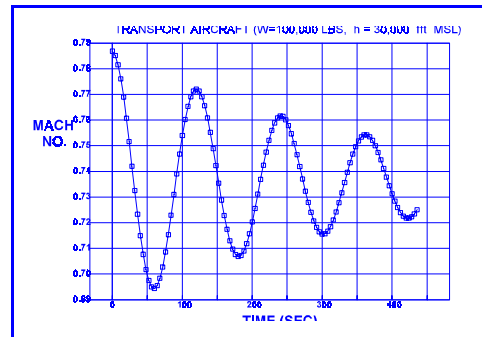


- **AERODYNAMIC MODELLING**
- **WIND TUNNEL TESTING**
- **PERFORMANCE ESTIMATION**
- **STABILITY AND CONTROL**
- **FLIGHT TESTING**
- **SIX DEGREE-OF-FREEDOM SIMULATION**

Amtech has staff experienced in the flight dynamics of manned and unmanned aircraft. This expertise includes –

- the development of aerodynamic models through theoretical and wind tunnel techniques,
- the estimation of aerodynamic stability and control derivatives,
- the development of six degree-of-freedom simulation models,



**Aircraft Response Prediction**

- the modelling of open- and closed-loop control systems,
- performance prediction/estimation, and
- the simulation of towed bodies.

Staff experience also includes the planning of flight test programs, the setup and installation of flight test instrumentation and data acquisition equipment, and the analysis of flight test data.



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