



Handley Page Lecture 2020

The National Flying
Laboratory Centre, Cranfield
University

In-Flight Measurement and
Research

Professor Nicholas Lawson CEng PhD FRAeS MSFTE

Professor Nicholas Lawson holds a Chair in Aerodynamics and Airborne Measurement and heads the National Flying Laboratory Centre at Cranfield University. He is also a Chartered Engineer, a Fellow of the Royal Aeronautical Society and a member of the Society of Flight Test Engineers.

Professor Lawson has extensive experience in the development and application of advanced optical flow measurement methods to high speed, large scale, non-Newtonian and multi-phase flows. This work work has involved Rolls Royce plc, Airbus UK, Jaguar Racing and Meggitt, as well as EU partners including DLR, NLR and TU Delft. His current research focus is on the application and development of advanced instrumentation for airborne and aerodynamic measurement, in airborne and wind tunnel environments.

He holds a commercial pilots licence with multi-engine piston, instrument and instructor ratings, a Jetstream 31/32 type rating and is one of the pilots flying for the National Flying Laboratory Centre