

# Aircraft Propeller Testing

- Multichannel telemetry systems for static and dynamic strain measurements on aircraft propeller blades
- Suitable for flight test and test stand applications
- High accuracy and excellent signal quality
- Customized design to meet individual application requirements
- Data transmission directly from the propeller to the data acquisition system in the aircraft cabin
- Power supply to the rotating transmitter electronics by either battery, deicing slip ring or inductive power system
- Remotely controlled shunt calibration, zero calibration, DC or AC signal coupling and power on/off option available
- Optional sensor connector interface, S/G bridge completion cards and patch panel to simplify hookup changes in the field
- Easy setup and operation



[www.datatel-telemetry.de](http://www.datatel-telemetry.de)



Telemetry transmitter unit mounted on the propeller hub



16 channel telemetry transmitter with patch panel and S/G bridge completion cards



Propeller on the test stand



Instrumented propeller with 8 channel telemetry transmitter/battery assembly

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