

## Index

<b>Sensors and Instruments</b>	<b>1</b>
Pressure Measurement	1
Temperature Sensing	7
Fuel Gauge	11
Fuel Flow Meters	13
Position Transmission	15
Torque Measurement	16
RPM Measurement	19
<b>Measurement of Air Data Parameters</b>	<b>25</b>
Pressure Measurement	25
Temperature Measurement	30
Altimeter	31
Vertical Speed Indicator (VSI)	38
Airspeed Indicator (ASI)	43
<b>Magnetism and Magnetic Compass</b>	<b>50</b>
Earth's Magnetic Field	50
Magnetic Compass	52
<b>Gyroscopic Instruments</b>	<b>65</b>
Basic Principles of a Gyroscope	65
Turn and Bank Indicator	70
Attitude Indicator (Artificial Horizon)	75
Directional Gyroscope	78
<b>Communication Systems</b>	<b>81</b>
Transmission: VHF, HF and SATCOM	81
Voice Communication	83
<b>Proximity and Alerting Systems</b>	<b>86</b>
Flight Warning System	86
Stall Warning	88
Radio Altimeter	92
<b>Integrated Instruments and Electronic Displays</b>	<b>96</b>
Indication Devices	96
<b>Keyword Index</b>	<b>101</b>