Air Data Sensor Unit Parts

Quantity	Name	Material
1	Sensor PCB	-
1	Probe tip	Aluminum
1	Probe base	Aluminum
1	Probe tube ø10x1x150	Aluminium
5	Pressure tube ø0.5x0.25x150	Brass
6	Pressure fitting (use short sections of ø0.5x0.25 tube)	Brass
1	Robart airline tubing (1/8" OD, 1/16" ID)	Tubing
6	CNC cut mount pieces	Glassfibre plate 3mm
1	3D printed housing (left and right)	PLA
4	Socket head cap screw M3x10	Steel
2	Socket head cap screw M3x6	Steel
6	M3 hex nut	Steel
4	Socket head cap screw M2x12	Steel
4	M2 hex nut	Steel

Air Data Sensor Unit PCB Components

Quantity	Name	Package
1	2x4 Pin Header 2.54mm Pitch	SMD
5	Resistor 10k	1206
3	Resistor 1k	1206
3	Capacitor 100n	1206
3	NPN Transistor MMBT2222	SOT-23
1	SMI Pressure SensorSM9541-020C-D-C-3-S	SOIC-16W
2	SMI Pressure Sensor SM9541-010C-D-C-3-S	SOIC-16W
1	Sparkfun SEN-09694 BMP085 Pressure Sensor	Breakout Board