

TEMP PROBES:

We use the following temp probe with the IS&S RVSM Installations.

CIC Probe P/N: 05257

CIC sold to Kollsman 603-886-2298. Contact Cheryl Colby ccolby@kollsman.com

\$280.00 net \$364.00 list

The CIC probe comes with no mounting nut or connector.

The nut is an AN316C7

The connector is MS3106E12S-3S

The wiring harness Inside the aircraft should have 2 unused connectors hanging about a foot behind the pilot's IS&S Altimeter (ADDU). These connectors are identical so it is important to identify the correct one. One should be labeled J5012 which is for the TEMP Probe. You will need a MS3106F10SL-3P mating connector for it. A&B are for the resistive probe element and C is the shield ground.

If you want to tap into the Pilot's IS&S ARINC 429 output, you will find J5010 nearby. It takes the same mating connector. A is + B is - C is Shield. ARINC Labels 211 & 213 are only available if a temperature probe is installed.

J5011 is the copilot's ARINC 429 output. It is behind the copilot's altimeter. Same connector type.

Note that the temp probe is only connected to the Pilot's Altimeter. This will provide ARINC 429 temp outputs from both the pilot's and copilot's altimeters. (J5010 & J5011)

TEMP PROBE REQUIREMENTS

°C	OHMS	°C	OHMS
-100	301.08	-20	460.85
-90	321.36	-10	480.46
-80	341.55	0	500.00
-70	361.64	+10	519.47
-60	381.64	+20	538.87
-50	401.56	+30	558.21
-40	421.40	+40	577.47
-30	441.16	+50	596.67

OTHER COMPATABLE TEMP PROBES ARE:

1. Bendix / King P/N: 050003610-0002
2. Rosemount/ Goodrich part number 102AU1AG