

BEECHCRAFT BONANZA WIRING DIAGRAM MANUAL

A wire segment is a conductor between two terminals or connections. Alphabetical sequence is usually followed. Wire segment A indicates the power source, B next segment, etc.

The wire size number is used to identify the size of the wire or cable.

A suffix to the wire identification code (N) identifies any wire or cable that completes the circuit to ground network.

Phase letter "A", "B" or "C" used as a suffix identifies three-phase wiring in ac systems.

The phase letter "V" is used as a suffix identifying an ungrounded wire or cable in a single phase system.

For thermocouple wire, the following suffixes are applicable:

CHROM - Chromel CONST - Constantan

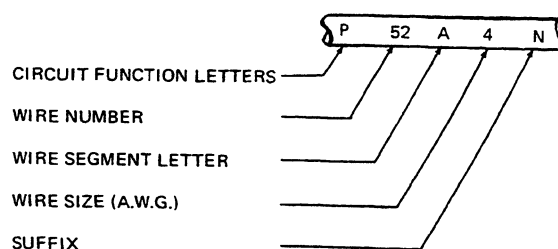
ALME - Alumel COP - Copper

IRON - Iron ALUM - Aluminum

A List of Circuit Function Designations Follows:

- A Armaments
- B Photographic
- C Control surfaces; automatic pilot
- D Instruments other than flight or engine instrument; ammeter, landing gear position, free air temperature, cabin pressure, etc.
- E Engine instrument; fuel flow, fuel quantity, tachometer, synchroscope, etc.
- F Flight Instrument
- G Landing gear; actuator, retraction, warning, down lock, etc.
- H Heating; ventilating, deicing

- J Ignition
- K Engine Control; starter, prop pitch, prop synchronizer, etc.
- L Lighting
- M Miscellaneous electric; windshield wiper, etc.
- P DC power
- Q Fuel and oil; fuel valves, fuel pump motors, throttle control, oil pumps, etc.
- R Radio; RC-radio command, RM-marker beacon, etc.
- S Radar; SA-altimeter, SS-search, etc.
- T Special electronics; TK-telemetry, TR-receivers, etc.
- U Miscellaneous electronics (other than R, S or T)
- V DC power for AC systems
- W Warning and emergency
- X AC power
- Y Armaments special systems



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**Wire Codes
Figure 1.**