



## G6992-42 ATC/TCAS Control Panel

### GENERAL SPECIFICATIONS

#### Dimensions

- 2.235 (height) x 5.735 (width) x 5.0 (depth) inches, excluding rear connectors

#### Weight

- 2.0 pounds (max)

#### ATC Code Range

- 0000 to 7777 (Octal)

#### Electrical Requirements

- Power .....115 VAC @ 400 Hz, 5 Watts (max)
- Panel Lighting (Incandescent White) .....5 VAC variable
- Indicator Lighting (Incandescent White) ..... 28/12.5 VDC dimming input voltage

#### Connectors

- J1 Mating: M83723-75R16247, or equivalent 24 pin connector
- J2 Mating: M83723-75R16248, or equivalent 24 pin connector



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# G6992-42 ATC/TCAS Control Panel

## Color

- Front Panel – Boeing Brown BAC #8328
- Knobs – Boeing Beige BAC #8925
- Front Panel Markings – White FED STD 595b37875 (Futura Medium Condensed font)
- IDENT & Flight Level Push Buttons – Non-reflective Black FED STD 595b37038
- Test Push Button - Non-reflective Brown BAC #8924

## Compliance

- RTCA/DO-160B (Environmental), RTCA/DO-178A (Software), RTCA/DO-181 (ATCRBS/Mode-S), RTCA/DO-185 (TCAS)
- ARINC 429, ARINC 532, ARINC 572, ARINC 706, ARINC 718, ARINC 720, ARINC 735

## Certification

- TSO-C112, TSO-C119
- B767

## Features

- Dual Mode-S configuration
- Transponder fail indicator (amber)
- Ident function
- Rotary knob entry for ATC code
- Altitude reporting OFF-ON
- Transponder L-R selection
- TCAS TA only, TA/RA
- System test function
- ABV/N/BLW function
- Altitude limit range: A = 2,700 ft, B = 7,000 ft
- Flight level function
- Built-in-test (BIT) capability
- Non-volatile storage for ATC code
- Modular design provides flexibility for custom layouts
- Modular construction contributes to economical maintenance
- MTBF (Calculated): 15,000 operating hours

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Proprietary Information

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