

## FEATURES

- Standard DZUS® rail mount per MS-25212
- IRIG B time code decoder.
- Front panel intensity adjustment.
- Internal clock, maintains time in absence of IRIG time code signal.
- Designed to meet “Safety of Flight” requirements.
- Powered by 15 to 36 volts DC, 2.0 watts.
- Replacement for discontinued Datum 9520-647.



## DESCRIPTION

The ITS Model 6135B Airborne Time Code Display, decodes and displays an applied IRIG B Serial Time Code signal. The unit displays the time as Hours, Minutes and Seconds on an LED display. The 6135B displays the applied time code, or in the absence of an applied signal, the internal clock. Display is six digits, HH:MM:SS. The display intensity is user adjustable via a front panel selector switch. If there is a loss of serial time code input, the displayed colons flash at a 1Hz rate to alert the operator that the unit is operating on the internal clock.

The 6135B is housed in an aluminum enclosure, 5.75 inches wide, 1.5 inches high and 5 inches deep (not including rear panel connectors) designed for aircraft mounting. Power and the serial time code signal are applied via two rear panel connectors

The 6135B is powered by 15 to 36 VDC. It is designed to meet “Safety of Flight” requirements.

# Model 6135B Airborne Time Code Display

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## SPECIFICATIONS

<b>Time Code Input:</b>	IRIG B serial time code IAW IRIG Standard 200-98. Input level .5 to 15 volts peak to peak with modulation ratio from 2:1 to 6:1. Input connector: BNC
<b>Display:</b>	Six character, seven segment, LED, Red. Character Height: 0.56 Inches.
<b>Intensity:</b>	Controlled by front panel mounted, eight position rotary switch. Provides for selection of eight intensity levels.
<b>Internal Reference:</b>	Temperature compensated crystal oscillator, TCXO $\pm 2 \times 10^6$ (Active in absence of time code input)
<b>External Power:</b>	15 to 36 Volts DC, 2.0 watts max. Connector: Circular MIL PT02E10-98P
<b>Temperature:</b>	-10°C to +60°C
<b>Humidity:</b>	95% non-condensing
<b>Package:</b>	5.75 inches wide, 1.5 inches high and 5 inches deep (not including rear panel connectors). Standard DZUS® rail mount per MS-25212
<b>Construction:</b>	Designed to meet "Safety of Flight" requirements.
<b>Options</b>	<b>G:</b> Green LED Display <b>NVIS:</b> Night Vision Imaging System Filter