SECTION XIII

DSKY ILLUMINATION

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DSKY, EL Numeric Dimming

400 cycle, 6-75V

2-5.5VDC Status Light Power

2-5.5VDC Caution Light Power

Signal M1: 300 CPS; 15V maximum

Signal N2:

Voltage: 115V ± 2.5V (Controlled 20-75 volts. Emergency condition 115V)

Current: 17.5 milliamperes (input power not to exceed 0.66 watts at 75V)

Frequency: 400 CPS

Noise: Modulation per MIL. 8180, 70

Transient voltages not to exceed 225 volts peak, from transient start to 2.5 milliseconds. After 225 milliseconds, the voltage shall be within the limits of 144 volts peak to 166 volts peak with recovery to steady-state conditions within 50 milliseconds.

Voltage spikes, superimposed on a.c., of 10 volts maximum amplitude with 90% recovery time within 250 microseconds.

Signals N3 & N4:

Caution Indicator current requirement: 0.150 amperes per display

Status Indicator current requirement: 0.225 amperes per display

Peak current drain (N3 plus N4): 3.1 amperes max. for 10 seconds max. (lamp test only)