IP-83 Error codes 70, 71, 155 (pg 1 of 2)
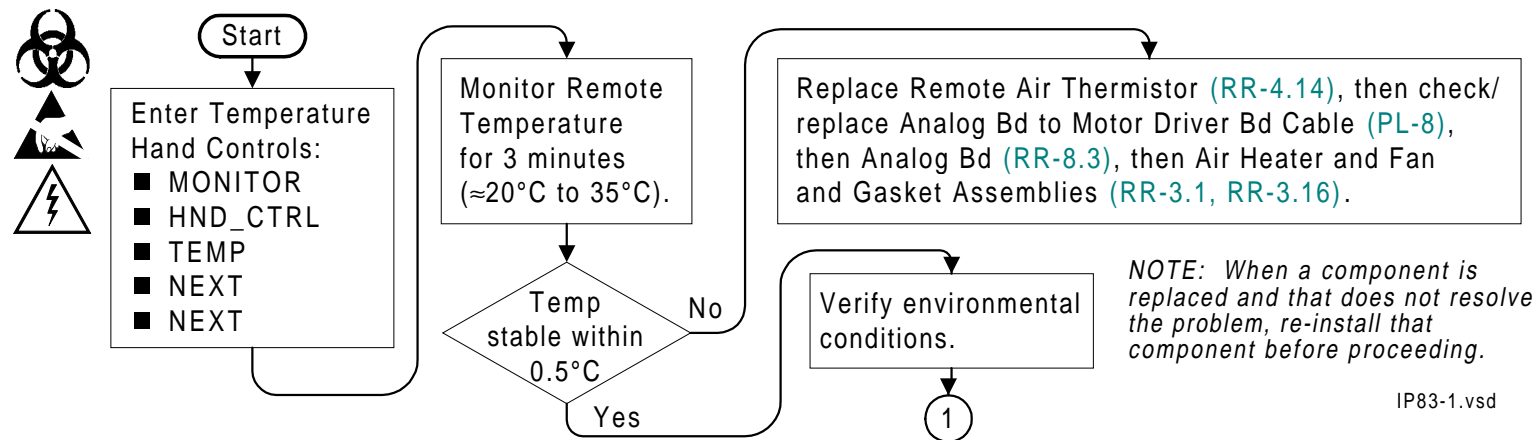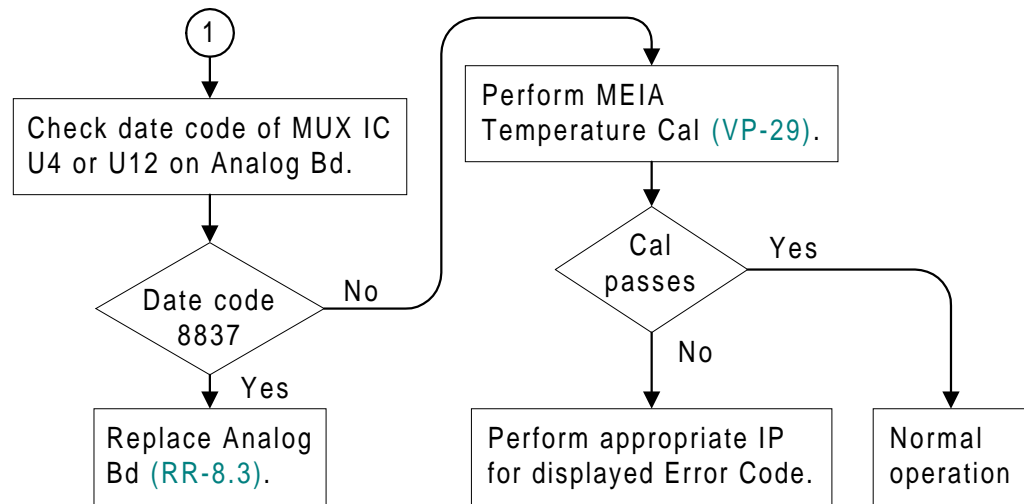
EC-70:   Remote temperature low
EC-71:   Remote temperature high

EC-155:   Remote temperature out of range

```
   Start
     │
┌──────────────────┐      ┌──────────────────┐      ┌──────────────────────────────────────┐
│ Enter Temperature│      │ Monitor Remote   │      │ Replace Remote Air Thermistor (RR-4.14),│
│ Hand Controls:   │      │ Temperature      │      │ then check/replace Analog Bd to Motor   │
│ ■ MONITOR        │      │ for 3 minutes    │      │ Driver Bd Cable (PL-8), then Analog Bd  │
│ ■ HND_CTRL       │      │ (≈20°C to 35°C). │      │ (RR-8.3), then Air Heater and Fan and   │
│ ■ TEMP           │      └──────────────────┘      │ Gasket Assemblies (RR-3.1, RR-3.16).    │
│ ■ NEXT           │              │                 └──────────────────────────────────────┘
│ ■ NEXT           │        ◇ Temp           No     ┌──────────────────┐
└──────────────────┘        stable within ───────── │ Verify           │
                              0.5°C                  │ environmental    │
                                │ Yes               │ conditions.      │
                                                     └──────────────────┘
                                                              │
                                                             (1)
```

Temp stable within 0.5°C — No → Replace Remote Air Thermistor (RR-4.14), then check/replace Analog Bd to Motor Driver Bd Cable (PL-8), then Analog Bd (RR-8.3), then Air Heater and Fan and Gasket Assemblies (RR-3.1, RR-3.16).

Yes → Verify environmental conditions. → (1)

NOTE: When a component is replaced and that does not resolve the problem, re-install that component before proceeding.

IP83-1.vsd

| Chapter Contents | Manual Contents | CD Main Screen | Index |

```
      ( 1 )
        │
        ▼
┌──────────────────────┐              ┌──────────────────────┐
│ Check date code of   │              │ Perform MEIA         │
│ MUX IC U4 or U12 on  │              │ Temperature Cal      │
│ Analog Bd.           │              │ (VP-29).             │
└──────────────────────┘              └──────────────────────┘
        │                                       │
        ▼                                       ▼
     ◇ Date code          No              ◇ Cal         Yes
       8837  ◇────────────────►             passes ◇────────────►
        │                                       │
        │ Yes                                   │ No
        ▼                                       ▼                    ▼
┌──────────────────┐            ┌──────────────────────┐    ┌──────────────┐
│ Replace Analog   │            │ Perform appropriate  │    │ Normal       │
│ Bd (RR-8.3).     │            │ IP for displayed     │    │ operation    │
└──────────────────┘            │ Error Code.          │    └──────────────┘
                                └──────────────────────┘
                                                              IP83-2.vsd
```