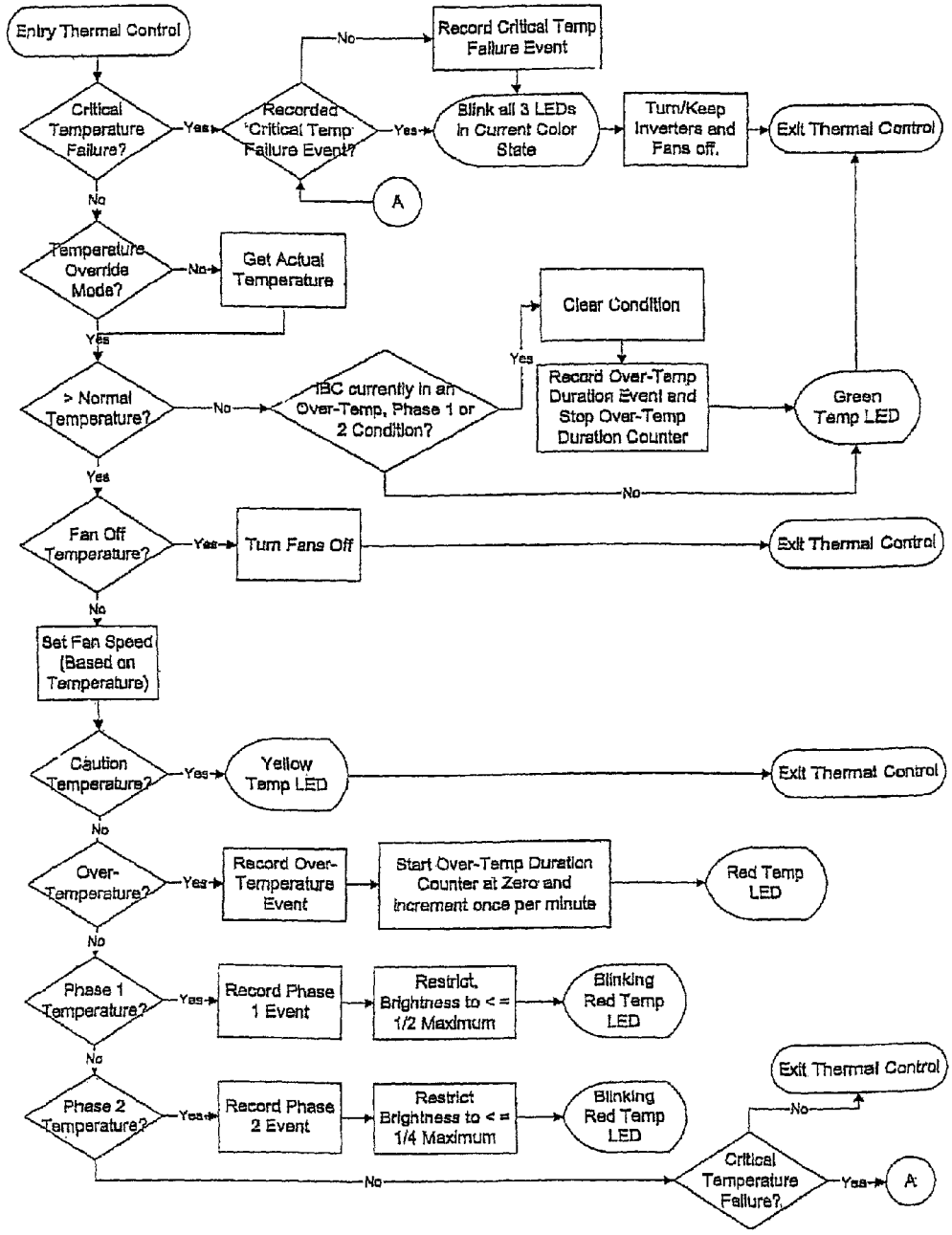
Entry Thermal Control
Critical Temperature Failure?
Yes
Recorded "Critical Temp" Failure Event?
No
Record Critical Temp Failure Event
Yes
Blink all 3 LEDs in Current Color State
Turn/Keep Inverters and Fans off.
Exit Thermal Control
A
No
Temperature Override Mode?
No
Get Actual Temperature
Yes
> Normal Temperature?
No
IBC currently in an Over-Temp, Phase 1 or 2 Condition?
Yes
Clear Condition
Record Over-Temp Duration Event and Stop Over-Temp Duration Counter
Green Temp LED
No
Yes
Fan Off Temperature?
Yes
Turn Fans Off
Exit Thermal Control
No
Set Fan Speed (Based on Temperature)
Caution Temperature?
Yes
Yellow Temp LED
Exit Thermal Control
No
Over-Temperature?
Yes
Record Over-Temperature Event
Start Over-Temp Duration Counter at Zero and increment once per minute
Red Temp LED
No
Phase 1 Temperature?
Yes
Record Phase 1 Event
Restrict Brightness to < = 1/2 Maximum
Blinking Red Temp LED
No
Phase 2 Temperature?
Yes
Record Phase 2 Event
Restrict Brightness to < = 1/4 Maximum
Blinking Red Temp LED
Exit Thermal Control
No
Critical Temperature Failure?
Yes
A
No

FIG 7G