

SUNLITER - RR Error Counters

Luminary anomaly L-1B-04 says that the X-pointer can be disabled during descent if the RR CDU Error Counter Enable is removed. The fix is to re-initialize R10 and re-issue the Enable bit.

Due to this recent addition of the RR Error counters enabled check in LANDISP (R10) for LUMINARY 1C, consider the following:

Disabling of the RR Error counters at twice per second rate or greater will suppress all landing analog displays, unless R10FLAG is set. Less frequent jiggering of these counters will tend to make the displays "rough".

Normally the R10FLAG is set only during ascent by P12, P70 and P71. This directs LANDISP to compute and display Altitude rate and Altitude on the tape meters, irrespective of the condition of the RR Error counters. R10FLAG is reset initially and remains reset during descent.

So --- don't "monkey around" with the RR Error counters (if you can help it) while the X-Pointer and the tape meters are running in the LM on the way down. "Smooth" performance of the displays could make the astronauts smile.

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