

From the **GE CF34-RJ SEI-756 Engine Manual** Rev 30, August 15, 2003

**72-00-00, Fault Isolation 02, Paragraphs 4.A (Description) and 4.B (Key Questions to Ask Before You Troubleshoot)**

4. NO-START WITH NO OR LOW N2 INDICATION

INCREASE OF THE ENGINE SPEED CANNOT BE HEARD

A. Description.

(1) This figure gives causes of a no-start in which the engine does not turn, or engine rotation is very low. Possible causes are:

- Starter system does not turn the engine to begin the start.
- Factors that have an effect on the energy supplied to the rotor during a start (for example, stage 10 and stage 14 bleed valve positions).
- Engine seizes (because of core damage, a seized AGB, or a temporary condition that occurs after a shutdown when the engine is hot).

(2) Refer to 72-00-00, FAULT ISOLATION 22, Figure 101, Engine Start Control System Schematic, Figure 102, Ignition System Schematic, Figure 104, Stage 10 Bleed Schematic, and Figure 105, Stage 14 Bleed Schematic.

B. Key Questions To Ask Before You Troubleshoot.

- Was starter air pressure sufficient (35 psi (241 kPa) minimum) as shown on the EICAS?

- Did the starter cut out before N2 reached 55%?
- Did the problem occur shortly after a shutdown while engine was still hot?