

STARTER/GENERATOR - TROUBLESHOOTING

1. General

- A. A troubleshooting chart has been developed to aid the maintenance technician in system troubleshooting. Refer to Figure 101.
- B. When troubleshooting starter system, it is important to first check airplane's electrical wiring and termination before replacing major components, such as starter/generator or generator control unit. Past experience has shown that when a problem does occur, it is usually associated with a loose electrical wire connection, open circuit or a misadjusted generator control unit. Since starting circuits and DC generating circuits work in conjunction with each other, both electrical systems must be considered a possible source of a malfunction between starter/generator and generator control unit. To assist in checking the airplane's starter/generator and DC generating electrical circuits, an analyzer box is available. Complete procedures for troubleshooting and use of analyzer box are provided in Chapter 24, Electrical Power - Adjustment/Test.

Figure 101 : Sheet 1 : Starter/Generator Troubleshooting Chart

