

SECTION 16

FIELD BAR GENERATOR GE2/516

Introduction

The GE2/516 accepts a field sawtooth waveform, mixed sync pulses, field clamp pulses and a d.c. field-control input: it produces a field bar keying waveform. The GE2/516 also contains part of a diode matrix (see PA1/512, Instruction V.13).

The GE2/516 is constructed on a CH1/12A chassis with index peg positions 5 and 19.

is similar to that of the GE2/515 from which it differs in the following respects:

- Clamping pulses are derived externally.
- Mixed sync pulses are added to the triangular waveform so that the duration of the output pulse is not continuously variable but is a whole number of line periods.

Test Procedure

The GE2/516 is tested as part of its parent unit.

Circuit Description

The circuit of the GE2/516, given in Fig. 16.1,

MJR 2/67

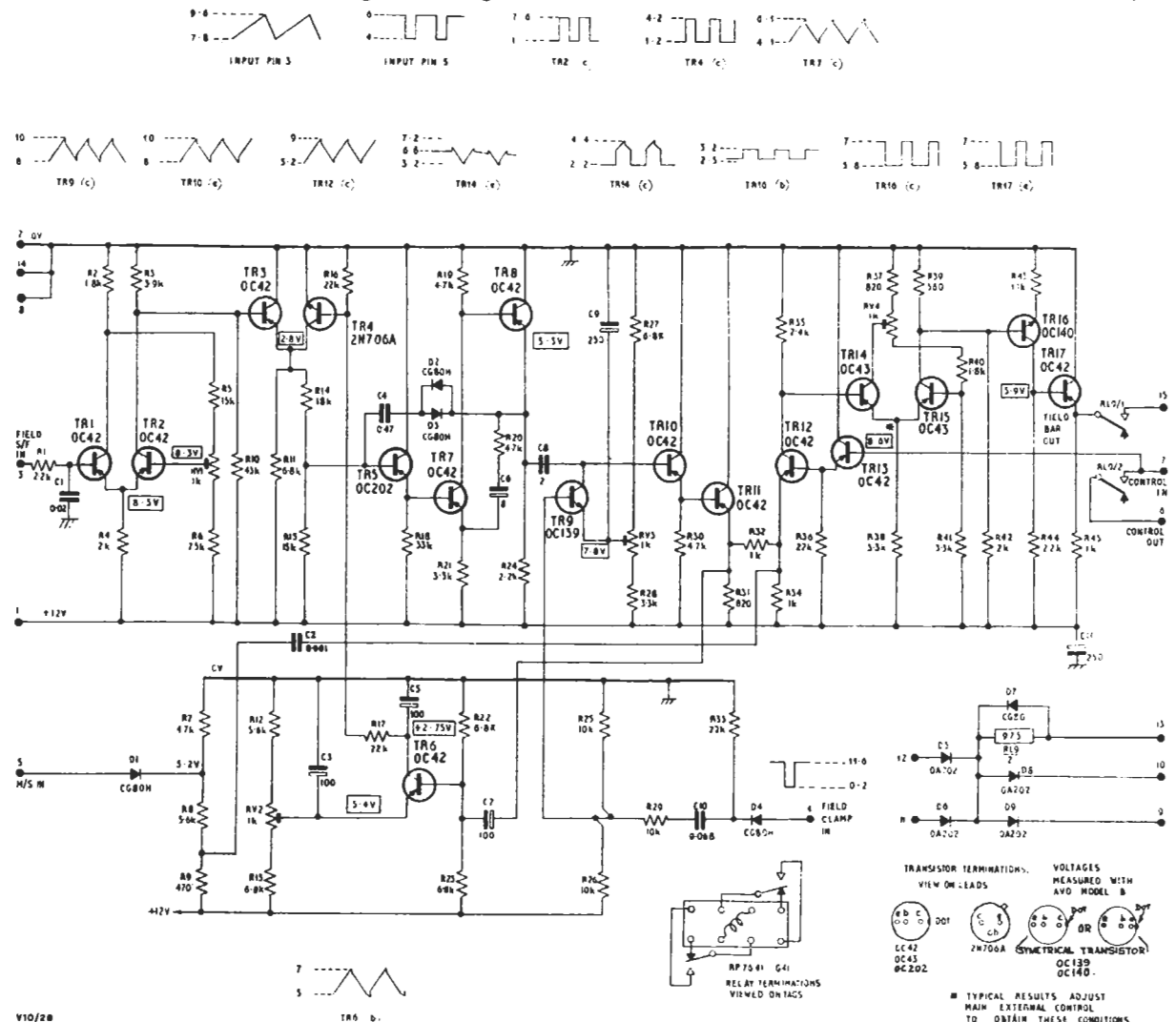


Fig. 16.1 Circuit of the GE2/516