

## 3336A/B/C-17

# S E R V I C E N O T E

SUPERSEDES: None

### HP 3336A/B/C Synthesizer/Level Generator

**Serial Numbers:** 0000A00000 / 9999A99999

#### Modification When Replacing A4/A14 PCB with a New A14 PCB

**Situation:**

The HP 3336A/B/C does not function properly following the installation of a new A14 (03336-66514) PC assembly.

**Solution/Action:**

A new A14 board must be modified (characterized) for use in the particular 3336 version (A/B/C) instrument as follows:

**Procedure for replacing the 36-04 board with a 36-14 board:**

The 03336-66514 board is shipped (on I/O orders) with three 100 ohm resistors loaded (R600, R601, R602). Certain combinations of these resistors are used to characterize the board for use in a 3336A or B or C instrument, as follows:

*Continued*

DATE: 31 May 1994

#### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

### INFORMATION ONLY

AUTHOR:

ENTITY:

ADDITIONAL INFORMATION:

DAA

A100

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A14 operation in:	3336A: remove (clip-out) R601 and R602 3336B: remove (clip-out) R600 and R602 3336C: remove (clip-out) R600 and R601
In other words:	3336A: only R600 is present 3336B: only R601 is present 3336C: only R602 is present

When replacing the 03336-66504 board with a 03336-66514 board, change the Service Manual adjustment procedure as follows: (see pages 5-8 and 5-9 in manual 03336-90001)

#### 5-25 LEVELING LOOP AMPLIFIER ZERO ADJUSTMENT

Does not have to be performed!

#### 5-27 LEVELING LOOP BIAS ADJUSTMENT

- c. Test point "AMP ZRO" is located just to the left of U31 (TP3).
- d1. Add this step: Move jumpers P2 and P3 to the right side position.
- e. Change A4R212 to A4R208
- h1. Add this step: Move jumpers P2 and P3 back to left position.

#### 5-29 75 OHM OUTPUT LEVEL ACCURACY ADJUSTMENT

Perform as stated in manual.