

PHILCO CORPORATION

Office Correspondence

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Mr. John Chatten,
Extension 5886

The following is a resume of the Apple tube production for the period of
October 1 - December 8, 1957:

1. MS - 60

- a. Had many screen blemishes
- b. Had ragged - wavy index lines

2. MS - 61 Delivered 10/29/57

Tubes #411 - 490 were made with MS-61. An objectionable color shift of the screen white point existed on all MS-61 tubes. Only one batch (Tubes No. 431- 450) had many rate 7 or better screens. Four tubes from this batch have been shipped, all with elliptical aperture grids. There were also a few good tubes (rate 6) from the 441 - 460 batch.

3. Production reverted back to MS-60 on 11/13/57, due to the poor white uniformity built into the MS-61 tubes.

491 - 510 MS-60 - Started 11/13/57

- a. all had index reflections
- b. some had very poor registry
- c. all had good white uniformity (rate 7)

520 - 539 MS-60 - Started 11/20/57

- a. MAPPED 11/30/57
- b. Typically rate 4, 5, 6 screens
- c. Green mottling all over screen

541 – 580 MS-60 - Started 11/23/57

- a. All had very wavy index. Some index lines moved as much as 3 inches from where they were applied.
- b. Washed out entire batch

561 - 580 MS-60 - Started 11/26/57

- a. Index applied 12/2/57
- b. Tested in FF stand 12/6/57
- e. Three rate 7 screens being regunned with elliptical grids

581 - 600 MS-61 - Started 11/30/57

- a. Poor triad application
- b. Washed out and restarted on 12/2/57
- e. Reached test 12/6/57
- d. Had bad white point hue shift. Rate 4, 5 - Some 6

C. P. Comeau

CPC/ro

cc: Messrs. Moulton
Mutschler
Gardner
Keiper
Stauffer
Faylor