

Massachusetts Institute of Technology  
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COLOSSUS Memo # 144, Revision 1

TO: Distribution  
FROM: M. Hamilton  
DATE: 5 February 1969  
SUBJECT: Operational Information on P40 for Rev. 249

1. If a new program is selected in P40 between the V50N25 display and TIG via V37EXXE, a restart (V69E) should be executed after the major mode lights have changed to XX in order to reestablish normal optics operation. (If V99 is flashing it is preferable to terminate the program by either a V34E or an ENTER to the post burn display (V16N85) and then PROCEED to exit normally).
2. If any erroneous display appears after a response to the flashing V99N40 or the flashing V97N40 display, do a terminate (V34E). The possible cases are:
  - A. If V06N16 results from a PROCEED or an ENTER to a flashing V99 or V97, terminate (V34E) and normal program displays will be restored. (V06N16 comes up because the extended verb V90 has been executed inadvertently by the program.)
  - B. If V97N40 comes up after a terminate response to a flashing V99N40 or a flashing V97N40 display, a terminate (V34) will end the program correctly and V37 flashing will result.
3. Use of extended verbs during P40 could overload the computer with too many JOBS. If this happens the ALARM light will come on (1201 or 1202 ALARM). All extended verbs that were going will be wiped out but P40 will be restarted to continue as normally.

NOTE: See anomalies COL 69 and COL 86 for more detailed information on numbers 1 through 3.