

TO: POUGHKEEPSIE

FROM: POUGHKEEPSIE
Dept. 539, Bldng. 702

MEMO TO: Mr. D. W. Sweeney

August 12, 1957

SUBJECT: Revised Performance Estimate
for High-Speed Disks

The High-Speed Disk program for the 7000 Series was reviewed last week at San Jose in connection with the transfer of the program to San Jose Product Development.

San Jose Product Development has advised us of the best performance estimate which can presently be given for the disk unit to be delivered to Los Alamos and which is in keeping with reliability, economy, and the overall commercial development program:

Capacity - 2^{20} words.

Rate - 16 microseconds per word.

1800 rpm.

Continuous track-to-track operation.

Simultaneous reading and writing with
one disk unit.

This downward revision of our previous estimates represents the present state of the art. We should use these figures for the time being as the best available information. As more technical data becomes available, there will be opportunities to review the performance characteristics of the disk unit.

Mr. H. K. Wild is currently preparing a detailed memo on the subject.

WB/pkb


W. Buchholz

cc: Messrs. G. A. Blaauw	H. T. Marcy
F. P. Brooks	H. A. Mussell
E. F. Codd	D. W. Pendery
S. W. Dunwell	C. E. Stephens
J. C. Gibson	L. D. Stevens
R. A. Gregory	H. K. Wild
J. E. Griffith ←	W. Wolensky