DATE:	2/28/69
ert l	
ines o	utput: 664
rammin	g: 2
2	
queue:	
•	
	 ert 1

III Other factors expected to influence measurements:

IV <u>Measurements</u>

a. CPU time breakdown	during process creation	during command sequence	total
 Time used by subject processes 		536.0 sec.	
Time spent loading processes			
Time spent in file system daemon) 103.	2
 Idle time due to eligibility control 			
Idle time during page waits			
6. True idle time			
Total CPU time charge	ed	639.2	

b. Breakdown of CPU times used by subject processes

 Missing-page fault time 	39.3 sec.	210.1	. 249.4
2. Missing-segment fault time	14.9	15.1	30.0
3. Linkage fault time	62.5	33.7	96.2
Wall crossing fault time	6.2	25.1	31.3
Interrupt handling time	0.5	4.1	4.6
6. Non-fault time		247.9	
Total		536.0	

Certification of System: 2.2

c. Fault times and number

Process Creation	missing page	missing segment	Linkage	wall crossing	Interrupt
average fault time	15.8 ms.	45.0	75.2	2.9	1.1
number of faults	2479	332	832	2170	467

command sequence

average fault time	15.4 ms.	86.5	46.0	2.9	2.2
number of faults	13625	175	732	8630	1836

d. Average times seen by a process

1. Average real time for completion of a process:

610.0 sec.

- 2. Average process creation time:
- 3. Average time for execution of command sequence:

134.0 sec.

4. Time for CTSS to execute same command sequence.

37.6 sec.

5. Performance relative to CTSS (#4/#3)

.28

V Output of original run may be found in file labeled:

VI <u>Comments</u>: