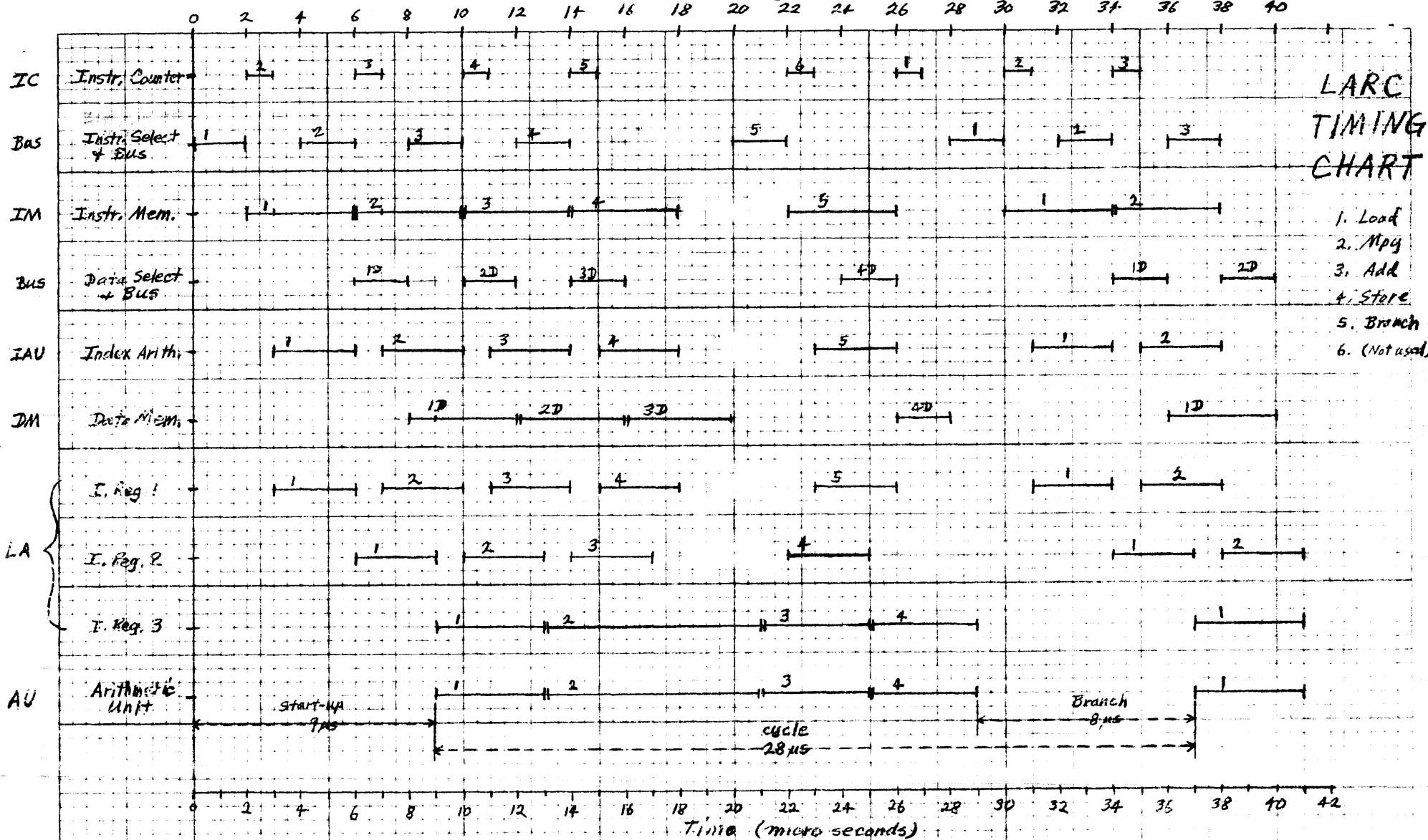


Initial Startup = 4. us
 Total Cycle = 72. us
 AU Time per cycle = 49.6 us (+12.4 "lost time")
 IAU Time per cycle = 4. us
 Branch Time per cycle = 10. us

Note: The 7090 uses the same arithmetic unit for IC, IRU, and AU. Also IM and DM are the same. They are drawn on separate lines here for comparison with STRETCH.

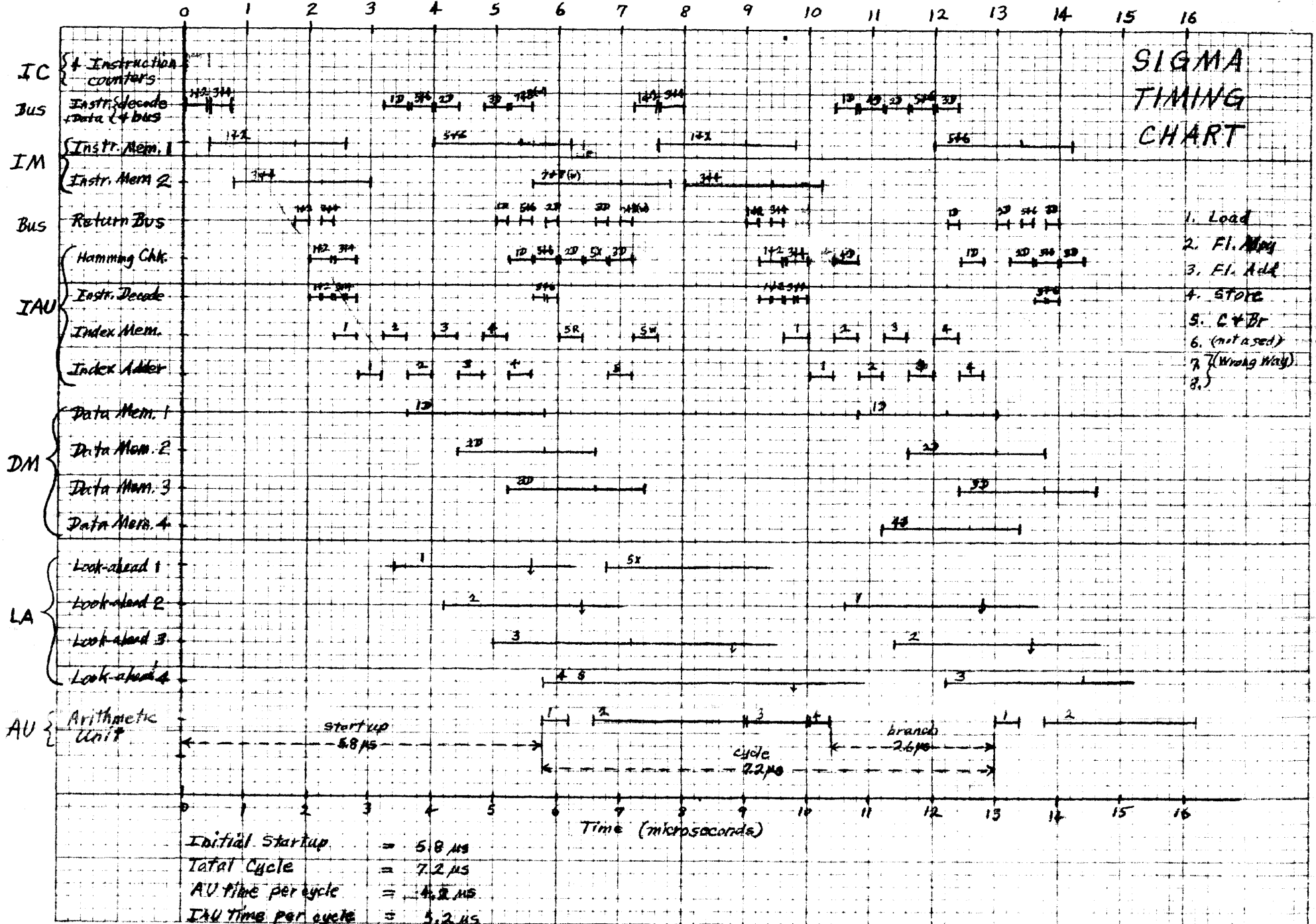
The charts for the 709 or 704 are the same with all times multiplied by 5.

Time (microseconds)



Initial Start-up	=	9. μs
Total Cycle	=	28. μs
AU time per cycle	=	20. μs
IAU time per cycle	=	15. μs
Branch time per cycle	=	8. μs

Time (microseconds)



SIGMA
TIMING
CHART

Initial Startup = 5.8 μs
 Total Cycle = 7.2 μs
 AU Time per cycle = 4.2 μs
 IAU Time per cycle = 5.2 μs
 Branch time per cycle = 2.6 μs