

TO: Marketing, Don Lang

16 July 1975

FROM: Steve Bristow

SUBJECT: NEW G.V. PROJECT COMMISSIONS

1) To investigate the possibility of designing a custom microprocessor motion circuit chip set. The first phase will be a look at the constraints of the chip area, etc. The second phase will be a detailed logic design suitable for a chip designer to work from in the third phase. The third phase will be done in-house next year. The chip set will allow 5 moving objects, 2 of which may be detailed graphically. The goal is to be able to use the set for consumer and simple coin op games.

2) To investigate programming the calculator chips to play simple games such as 21, dice, etc. The second phase would be to do the programming on an actual chip. The third phase would be a consumer calculator that plays games also. A preliminary goal is to have the cost of the parts less than \$15.00. This seems feasible assuming a \$6 chip, \$2 display, \$2 keyboard, \$.50 PCB, \$3 case and carton, and \$1 battery and miscellaneous. This product would be a good filler for the consumer division.

SDB/pae