FLOATING POINT TEST ROUTINE

1. LOAD PROGRAM INTO LINE 02
2. LOAD FLOATING POINT PROGRAM INTO LINE 03
3. ENTER PROGRAM BY TYPING "T"
4. IF NO ERRORS OCCUR, PROGRAM WILL STOP AND RETURN CONTROL TO KEYBOARD
5. IF AN ERROR OCCURS, ALARM WILL INDICATE POINT OF FAILURE

   HALT 11: N TIMES N DIFFERS FROM N SQUARED

   HALT 12: N X N/N $\neq$ N

   HALT 13: N+N-N $\neq$ N

   HALT 14: N FLOATED AND THEN FIXED $\neq$ N

THIS IS A LISTING OF THE FLOATING POINT TEST ROUTINE

00002D

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000   001S0402;   LDC   +0061010
001   000 0041;   HLT   +0000006
002   003S1037;   STC   +0162174
004   005S0502;   LDA   +0261210
005   132S0000;   HLT   +5520000
006   007S0402;   LDC   +0361010
007   011S3702;   TRU   +0467610
010   000S3703;   TRU   +0027614
011   012S1302;   STD   +0522610
014   001 1300;   STD   +0042600
015   016S0402;   LDC   +0721010
016   020S3702;   TRU   +1027610
017   074S3703;   TRU   +3627614
020   030 1302;   STD   +1402610
021   012 0702;   LDP   +0501610
022   023S0402;   LDC   +1161010
023   025S3702;   TRU   +1267610
024   060S3703;   TRU   +3027614
025   031 5602;   CAM   +1453410
026   032 7502;   TOF   +1517210
027   027 0011;   HLT   +1340044
032   030 0702;   LDP   +1401610
033   001 1300;   STD   +0042600
034   012 0702;   LDP   +0501610
035   036S0402;   LDC   +1721010
036   040S3702;   TRU   +2027610
037   112S3703;   TRU   +4527614
040   013 5602;   CAM   +0553410
041   043 7502;   TOF   +2157210
042   042 0012;   HLT   +2100050
043   012 0702;   LDP   +0501610
044   001 1300;   STD   +0042600
045   046S0402;   LDC   +2321010
046   050S3702;   TRU   +2427610
047   221S3703;   TRU   -1067614
050   051S1302;   STD   +2462610
053   001 1300;   STD   +0042600
054   012 0702;   LDP   +0501610
055   056S0402;   LDC   +2721010
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056   060S3702;   TRU   +3027610
057   200S3703;   TRU   -0027614
060   061S1302;   STD   +3062610
063   013 5602;   CAM   +0553410
064   066 7502;   TOF   +3317210
065   065 0013;   HLT   +3240054
066   067S0402;   LDC   +3361010
067   071S3702;   TRU   +3467610
070   001S3703;   TRU   +0067614
071   005 5602;   CAM   +0253410
072   074 7502;   TOF   +3617210
073   073 0014;   HLT   +3540060
074   000S3701;   TRU   +0027604
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