SUBROUTINES

8195 ROM Keyboard Scan running in RC
8146 ROM Interrupt Routine

0100-0113 Put Instruction in Memory
0114-012E Search Symbol Table
012F-0146 Test String
0147-0155 Insert Address
0156-0187 Symbol Table Rearranger
0189-019D Output Symbol to Text
019E-01B0 Output Address to Text
01B1-01C9 Symbol/Object Code Taping
01CA-01D9 Clear Text Pages
01DA-01ED Output Link Table
01F0-01FF 16-Byte Stack
0200-0216 Display Digit
0217-0241 Interrupt Routine (w/o Rnd # Generation) Entry @ 021A
0242-025E Reserve Memory (First pass)
025F-0265 Carriage Return
0266-026E ASCII to Hex Conversion
026F-0284 Convert ASCII/Hex
0285-0297 Hex to ASCII Conversion
0298-02A5 Convert Hex/ASCII
02A6-02AF Point to Instruction
02B0-02C2 Error Message
02C4-02DF Create Link Table
02E0-02FF Link Table
0300-030F Call Routine Entry @ 0301
0310-031C Return Routine Entry @ 0311
031D-032C Clear Memory
032D-0353 Address Entry
0354-0364 Signal User (Pass 1 or 2 choice) (Pass 2 or End Choice)
0365-0399 Tape Read/Write
039A-03B6 Symbol Table Manager
03B7-03CD Initialize Link Table - 2nd Entry @ 03C4
03CE-03D7 Set Link Address
03D8-03E2 Set Link Table Back
03E3-03FF Output Manager

SUBROUTINE DESCRIPTIONS

Put Instruction in Memory:
    Input:
        RA points to ASCII Encoded Instruction
        R9 points to Free Object Code Slot
    Output:
        RA points to byte immediately after instruction
        R9 is reset - points to the Object Code
        Object Code in hex is in memory
    Changes:
        R6.0 (Loop Counter) RE   RA