JPC ROM
Quick Reference Guide
Addendum for Version E

1. Editor functions

FILEPOS (*file*, *pattern* [,*start* [,*end [, column]*]])
FILEPOS (#*channel*, *pattern* [,*start* [,*end[, column]*]])
Function: finds a generic string in a file and returns the record number if found, otherwise returns -1.

GENLEN (*string*, *pattern* [,*start*])
Function: finds a generic string in a character string and returns the length of the occurrence if found, otherwise returns 0.

GENPOS (*string*, *pattern* [,*start*])
Function: finds a generic string in a character string and returns the position of the occurrence if found, otherwise returns 0.

GENRPLC$ (*string*, *pattern, replace* [,*start*])
Function: finds a generic string in a character string and replaces the substring with the replacement string. Returns the modified string.

TEDIT *file* [, *command string*]
Statement: Fast text editor compatible with the HP **EDTEXT**.

XEDIT *file* [, *command string*]
Statement: Extended fast text editor using generic strings for search/replace operations.
Use the Help command for the details of the syntax of **XEDIT** commands.

Special characters used in generic strings for search operations in **XEDIT** and related functions:

```
Char. Meaning
----- -------
\     cancels the meaning of next character
^     start of line
$     end of line
.     any character
[ ]   character set
[^ ]  complement of character set
*     repeats previous pattern 0 or n times
```

Special characters used in generic strings for replace operations in **XEDIT** and **GENRPLC$**:

```
Char. Meaning
----- -------
\     cancels the meaning of next character
&     replace the occurrence found
```

2. Graphic functions

BOX *x1, y1, x2, y2*
Statement: Draw a rectangle specified by the two points
(x1,y1) and *(x2,y2).*

CSIZE *heigth* [, *ratio*]
Statement: Specify the size and the aspect ratio of the
characters drawn by **LABEL**.

DRAW *x, y*
Statement: Draw a line from the present pen position to
the point specified by *(x,y).*

FRAME
Statement: Draw a frame around the present plotting
area.

GDUMP
Statement: Print a graphic dump of the content of the
GRAPHILE file to the device specified by the
PLOTTER IS statement.

GEND
Statement: Close the graphic session previoulsly
opened by **GINIT**. The *GRAPHILE* file is purged.

GINIT *"RASTER", heigth*
Statement: Initialize a graphic session. The heigth
parameter specifies the size of the plotting area. A
GRAPHILE file of size=19+heigth*80 bytes is created.

IDRAW *x, y*
Statement: Draw a line from the present pen position to
the point specified by the increment *(x,y).*

IMOVE *x, y*
Statement: Move the pen from the present position to
the point specified by the increment *(x,y).*

LABEL *string* [*;*]
Statement: Draw alphanumeric characters from the
present pen position.

LDIR *angle*
Statement: Specify the angle of the labels relative to the
X axis.

LINETYPE *type* [*,length*]
Statement: Specify the type and the pattern length used
for line drawing.

LORG *position*
Statement: Specify the position of the labels relative to
the present pen position.

MOVE *x, y*
Statement: Move the pen from the present position to
the point specified by *(x,y).*

PEN *pen number*
Statement: Select a pen on the device speficied by
PLOTTER IS. Not applicable for *RASTER* type
plotting devices.

PENDOWN
Statement: Move the pen down and plot a point at the
the present position of the pen.

PENUP
Statement: Move the pen up. Not applicable for
RASTER type plotting devices.

PLOTTER IS *device specifier*
Statement: Specify a device as the graphic plotter.

TICLEN *length*
Statement: Specify the length of the tics during axis
drawing.

XAXIS *y-position* [*, space* [*,xmin* [*,xmax*]]]
Statement: Draw an horizontal axis at position
y-position, from *xmin* to *xmax*. Parameter *space*
specifies the space between the axis tics.

YAXIS *x-position* [*, space* [*,ymin* [*,ymax*]]]
Statement: Draw a vertical axis at position
x-position, from *ymin* to *ymax*. Parameter *space*
specifies the space between the axis tics.