



DECUS

PROGRAM LIBRARY

DECUS NO.	8-700
TITLE	JET AMBUSH
AUTHOR	Steven Roy
COMPANY	Digital Equipment Corporation Maynard, Massachusetts
DATE	May 16, 1974
SOURCE LANGUAGE	PAL III

ATTENTION

This is a USER program. Other than requiring that it conform to submittal and review standards, no quality control has been imposed upon this program by DECUS.

The DECUS Program Library is a clearing house only; it does not generate or test programs. No warranty, express or implied, is made by the contributor, Digital Equipment Computer Users Society or Digital Equipment Corporation as to the accuracy or functioning of the program or related material, and no responsibility is assumed by these parties in connection therewith.

JET AMBUSH

DECUS Program Library Write-up

DECUS NO. 8-700

Jet Ambush is a C.R.T. game program* designed to run on series 8 and 12 computers. It is intended that the user write his own plot routine for his own C.R.T., however, it comes with a PDP-12 C.R.T. control. It creates a 64x64 display and the plot routine can scale it to the C.R.T. size. The game tests the user's skill at shooting down jets which appear randomly over a hillside; Control is through the switch register; The initial dialog explains how to play.

-PLOT ROUTINE-

The plot routine is called via a JMS PLOT and has the coordinates in the AC when called:

LEFT 6 BITS = X
RIGHT 6 BITS = Y

Here is how it's done: (on the PDP-12)

<pre>DIS=140 LINC=6141 PDP=2 AUTO5=15 CRLF=105 MASK=65 M100=162 *121 PLOT, 0 M1000, NOP DCA CRLF TAD CRLF AND M100 CLL RTR RTR DCA AUTO5 TAD CRLF AND MASK CLL RTL JMP I .+1 270 *270 LINC DIS AUTO5 PDP CLA CLL 0;0;0 *1070 0;0;0;0 0;0;0;0</pre>	<pre>/DISPLAY COMMAND ON 12. /GO TO LINC MODE. /GO TO 8 MODE. /STORAGE. /STORAGE. /CONTENTS=0077 /CONTENTS=7700 /DO NOT CHANGE !!! /DO NOT CHANGE !!! /SAVE COORDINATES. /SCALE X UP TO 256. /SAVE X /SCALE Y UP TO 256. /Y IN AC. /OUT OF ROOM. /GO TO LINC MODE /DISPLAY /RETURN TO 8 MODE /MUST EXIT WITH CLEARED AC & L. /SPARE ROOM /SPARE ROOM</pre>
---	--

