```
Norm
Lbl 3
ClrText
"    MENU:"
"[1] RESTART"
"[2] CONTINUE"?→M
If M=1
Then Goto 6
IfEnd
If M=2
Then Goto 2
IfEnd
Goto 3
Lbl 6
ClrText
"EAST 1"?→A
"NORTH 1"?→C
ClrText
"EAST 2"?→I
"NORTH 2"?→J
Lbl 2
Norm:ClrText
"EAST 3"?→Y
"NORTH 3"?→Z
ClrText
I−A→E:J−C→N
√(E²+N²)→D
If N=0
Then Goto 7
IfEnd
If N<0
Then Goto 8
IfEnd
tan⁻¹ (E÷N)→B
If B<0
Then B+360→B
IfEnd
Goto 9
Lbl 7
If E>0
Then 90→B
Else 270→B
IfEnd
Goto 9
Lbl 8
tan⁻¹ (E÷N)+180→B
Lbl 9
B→G:Y−A→E:Z−C→N
√(E²+N²)→D
If N<0
Then tan⁻¹ (E÷N)+180→B
Goto 5
IfEnd
If N>0
Then tan⁻¹ (E÷N)→B
Goto 5
```

```
IfEnd
If E>0
Then 90→B
Else 270→B
IfEnd
Lbl 5
If B<0
Then B+360→B
IfEnd
B→H:D→O:H−G→K
sin (K)×O→D:cos (K)×O→F
Fix 3:"OFFSET:"
D◢
"CHAINAGE:"
F◢
ClrText
Goto 2
```