

```

ClrText
Norm
"STN EAST"?→A
"STN NORTH"?→C
ClrText
"STN RL"?→T
"INST HT"?→O
Lbl 1
ClrText
"    MENU:"
"[1] RO BRG"
"[2] RO COORD"?→M
ClrText
If M=2
Then Goto 2
IfEnd
If M=1
Then Goto 3
IfEnd
Goto 1
Lbl 2
"RO EAST"?→I
"RO NORTH"?→J
ClrText
I→A→E:J→C→N
 $\sqrt{(E^2+N^2)}$ →D
If N=0
Then Goto 7
IfEnd
If N<0
Then Goto 8
IfEnd
 $\tan^{-1}(E \div N)$ →B
If B<0
Then B+360→B
IfEnd
Goto 4
Lbl 7
If E>0
Then 90→B
Else 270→B
IfEnd
Goto 4
Lbl 8
 $\tan^{-1}(E \div N)+180$ →B
Goto 4
Lbl 3
"RO BEARING"?→B
Lbl 4
Norm
ClrText
"HORZ ANGLE"?→K
"VERT ANGLE"?→L
Lbl 5
ClrText
"    MENU:"
"[1] SLOPE"
"[2] HZ DIST "?→M
ClrText
If M>2
Then Goto 5
IfEnd
If M<1
Then Goto 5
IfEnd
If M=1
Then "SLOPE DIST"?→H
IfEnd
If M=2
Then "HZ DIST"?→F
IfEnd
"TARGET HT"?→E
ClrText
B+K→G
If M=1
Then  $\cos(90-L) \times H$ →F
IfEnd
 $\sin(G) \times F + A \rightarrow Y: \cos(G) \times F + C \rightarrow Z: \tan(90-L) \times F + T + O - E \rightarrow N$ 
Fix 4
"EASTING:"
Y↵
"NORTHING:"
Z↵

```

```
ClrText  
"HEIGHT:"  
N  
"HZ DIST:"  
F  
ClrText  
Goto 4
```