Table 14 Portion of the **equivellipse.SET** file generated
automatically by "GENTEXT" that corresponds to the GENOPT
user's input listed in Table 3. This list forms part of the
complete equivellipse.SET file that appears in Table a11 of
the appendix. The complete equivellipse.SET file exists
when the GENOPT user has completed the interactive "GENTEXT"
session. This FORTRAN fragment forms part the FORTRAN library,
begin.new, in particular, part of SUBROUTINE SETUPC.

```
=======================================================
      IF (Ixinpu .EQ.0) GO TO  46
      DO  45 I=1,Ixinpu
      THKSKN(I) = VAR(IVAR)
      IVAR = IVAR + 1
   45 CONTINUE
   46 CONTINUE
      IF (Ixinpu .EQ.0) GO TO  51
      DO  50 I=1,Ixinpu
      HIGHST(I) = VAR(IVAR)
      IVAR = IVAR + 1
   50 CONTINUE
   51 CONTINUE
      SPACNG    = VAR(IVAR)
      IVAR = IVAR + 1
      THSTIF   = VAR(IVAR)
      IVAR = IVAR + 1
=======================================================
```