

Table A6 List of the file, **equivellipse.COM**.

This is the completed file after the GENOPT user's completion of the "GENTEXT" interactive session. The FORTRAN statements in this file become part of many of the GENOPT FORTRAN libraries (begin.new, stoget.new, behavior.new, struct.new, etc.). GENOPT **automatically** inserts these labelled common blocks and variable declarations wherever they are needed.

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COMMON/FV01/xinput(21),Ixinput
REAL xinput
COMMON/FV02/ainput,binput,xlimit,SPACNG,THSTIF,THKCYL,RADCYL
REAL ainput,binput,xlimit,SPACNG,THSTIF,THKCYL,RADCYL
COMMON/FV05/THKSKN(21),HIGHST(21)
REAL THKSKN,HIGHST
COMMON/FV16/PRESS(20)
REAL PRESS
COMMON/FV19/CLAPS1(20),CLAPS1A(20),CLAPS1F(20)
REAL CLAPS1,CLAPS1A,CLAPS1F
COMMON/FV22/GENBK1(20),GENBK1A(20),GENBK1F(20)
REAL GENBK1,GENBK1A,GENBK1F
COMMON/FV25/SKNBK1(20,10),JSKNBK1,SKNBK1A(20,10),SKNBK1F(20,10)
REAL SKNBK1,SKNBK1A,SKNBK1F
COMMON/FV28/STFBK1(20,10),STFBK1A(20,10),STFBK1F(20,10)
REAL STFBK1,STFBK1A,STFBK1F
COMMON/FV31/SKNST1(20,10),SKNST1A(20,10),SKNST1F(20,10)
REAL SKNST1,SKNST1A,SKNST1F
COMMON/FV34/STFST1(20,10),STFST1A(20,10),STFST1F(20,10)
REAL STFST1,STFST1A,STFST1F
COMMON/FV37/WAPEX1(20),WAPEX1A(20),WAPEX1F(20)
REAL WAPEX1,WAPEX1A,WAPEX1F
COMMON/FV40/CLAPS2(20),CLAPS2A(20),CLAPS2F(20)
REAL CLAPS2,CLAPS2A,CLAPS2F
COMMON/FV43/GENBK2(20),GENBK2A(20),GENBK2F(20)
REAL GENBK2,GENBK2A,GENBK2F
COMMON/FV46/SKNBK2(20,10),JSKNBK2,SKNBK2A(20,10),SKNBK2F(20,10)
REAL SKNBK2,SKNBK2A,SKNBK2F
COMMON/FV49/STFBK2(20,10),STFBK2A(20,10),STFBK2F(20,10)
REAL STFBK2,STFBK2A,STFBK2F
COMMON/FV52/SKNST2(20,10),SKNST2A(20,10),SKNST2F(20,10)
REAL SKNST2,SKNST2A,SKNST2F
COMMON/FV55/STFST2(20,10),STFST2A(20,10),STFST2F(20,10)
REAL STFST2,STFST2A,STFST2F
COMMON/FV58/WAPEX2(20),WAPEX2A(20),WAPEX2F(20)
REAL WAPEX2,WAPEX2A,WAPEX2F
COMMON/IV01/npoint,nodes,IMODE
INTEGER npoint,nodes,IMODE
COMMON/FV11/LENCYL,WIMP,EMATL,NUMATL,DNMATL,WEIGHT
REAL LENCYL,WIMP,EMATL,NUMATL,DNMATL,WEIGHT
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