```
        CALL DRAWTR(0,IY(N),0)
        IF (IXX.EQ.0) GOTO130
        CALL POS(IXX,0,IZZ)
        CALL DRAWTR(0,IY(N),0)
        GO TO 130
120     CALL POS(-IX(N),0,IZ(N)-131071-IPZ(N))
        CALL DRAWTR(0,IY(N),0)
        IF (IXX.EQ.0) GOTO130
        CALL POS(-IXX,0,IZZ-131071-IPZ(N))
        CALL DRAWTR(0,IY(N),0)
130     IX(N)=IX(N)+IXTRA
        IZ(N)=IZ(N)+IXTRA
        IXX=IXX+IXTRA
        IZZ=IZZ+IXTRA
        IF (IABS(IX(N)).LE.131071.AND.IABS(IZ(N)).LE.131071) GOTO110
        NX=NX+1
        IX(N)=IPX(N)+2*IXTRA*NX
        IZ(N)=IPZ(N)
        IXX=IZ(N)
        IZZ=IX(N)
        IF (IABS(IX(N)).LE.131071) GOTO110
150     CONTINUE
        CALL ENDITM
              CALL DECITM('RIM',0)
        CALL POS(-131071,0,-131071)
        CALL DRAWT(-131071,0,131071)
        CALL DRAWT(131071,0,131071)
        CALL DRAWT(131071,0,-131071)
        CALL DRAWT(-131071,0,-131071)
        CALL ENDITM
        CALL DECITM('MAN',0)
        IDUM=UNIT/4
        CALL POS(-UNIT/8,0,0)
        CALL DRAWTR(0,UNIT/2,0)
        CALL DRAWTR(IDUM,0,0)
        CALL DRAWTR(0,-UNIT/2,0)
        CALL POSR(-UNIT/8,UNIT/2,0)
        CALL DRAWTR(0,UNIT/2,0)
        CALL POSR(-3*UNIT/8,-IDUM,0)
        CALL DRAWTR(3*IDUM,0,0)
        CALL POSR(-IDUM,UNIT/4,0)
        CALL DRAWTR(0,IDUM,0)
        CALL DRAWTR(-IDUM,0,0)
        CALL DRAWTR(0,-IDUM,0)
        CALL DRAWTR(IDUM,0,0)
        CALL ENDITM
              CALL DECINS('MMAN','MAN',0)
        CALL MAKMAT(0,0,0,0,0,0,IARA7)
        CALL MAT3(IARA7,'KEY10')
        CALL MAKMAT(0,0,0,0,0,0,MMAN)
        CALL MAT3(MMAN,'KEY11')
        CALL MAKMAT(0,0,0,0,0,0,IARA6)
        CALL MAT3I(IARA6,'KEY12','KEY10')
        CALL ENDINS
        CALL ADD('MMAN','PIC1')
        CALL ADD('VERTS','PIC1')
        CALL ADD('RIM','PIC1')
        RRY=-UNIT
```