```
171               TS      FCOLD
172               TS      FWEIGHT
173               TS      FWEIGHT +1
174   VRTSTART    TS      WCHVERT
175   # Page 801
176               CAF     TWO             # WCHPHASE = 2 ---> VERTICAL: P65,P66,P67
177               TS      WCHPHOLD
178               TS      WCHPHASE
179               TC      BANKCALL        # TEMPORARY, I HOPE HOPE HOPE
180               CADR    STOPRATE        # TEMPORARY, I HOPE HOPE HOPE
181               TC      DOWNFLAG        # PERMIT X-AXIS OVERRIDE
182               ADRES   XOVINFLG
183               TC      DOWNFLAG
184               ADRES   REDFLAG
185               TCF     VERTGUID
186
187   STARTP67    TC      NEWMODEX        # NO HARM IN "STARTING" P67 OVER AND OVER
188               DEC     67              # SO NO NEED FOR A FASTCHNG AND NO NEED
189               CAF     ZERO            # TO SEE IF ALREADY IN P67.
190               TS      RODCOUNT
191               CAF     TEN
192               TCF     VRTSTART
```

```
13   # available online at www.ibiblio.org/apollo.  If for some reason you
14   # find that the images are illegible, contact me at info@sandroid.org
15   # about getting access to the (much) higher-quality images which Paul
16   # actually created.
17   #
18   # Notations on the hardcopy document read, in part:
19   #
30   #       Assemble revision 001 of AGC program LMY99 by NASA 2021112-61
31   #       16:27 JULY 14, 1969
32
33   # Page 731
34   ## At the get-together of the AGC developers celebrating the 40th anniversary
35   ## of the first moonwalk, Don Eyles (one of the authors of this routine along
36   ## with Peter Adler) has related to us a little interesting history behind the
37   ## naming of the routine.<br>
38   ## <br>
39   ## It traces back to 1965 and the Los Angeles riots, and was inspired
40   ## by disc jockey extraordinaire and radio station owner Magnificent Montague.
41   ## Magnificent Montague used the phrase "Burn, baby! BURN!" when spinning the
42   ## hottest new records. Magnificent Montague was the charismatic voice of
43   ## soul music in Chicago, New York, and Los Angeles from the mid-1950s to
44   ## the mid-1960s.
45   # BURN, BABY, BURN -- MASTER IGNITION ROUTINE
46
47               BANK    36
48               SETLOC  P40S
49               BANK
50               EBANK=  WHICH
51               COUNT*  $$/P40
52
53   # THE MASTER IGNITION ROUTINE IS DESIGNED FOR USE BY THE FOLLOWING LEM PROGRAMS:  P12, P40, P42, P61, P63.
54   # IT PERFORMS ALL FUNCTIONS IMMEDIATELY ASSOCIATED WITH APS OR DPS IGNITION:  IN PARTICULAR, EVERYTHING LYING
55   # BETWEEN THE PRE-IGNITION TIME CHECK -- ARE WE WITHIN 45 SECONDS OF TIG? -- AND TIG + 26 SECONDS, WHEN DPS
```

Código fuente del Apolo 11

Fragmentos de código desarrollado por el MIT, el cuál hizo posible que llegásemos a la Luna.