

Margaret Hamilton (1936) is an American computer scientist. After studying mathematics, she began working on climate simulation software for Edward Lorenz, which contributed to his publications on Chaos Theory. In 1965, she became the first programmer from MIT to work on NASA's *Apollo Program* and later became Director of the Software Engineering Division. She lead the team writing and testing the in-flight software of the Apollo spacecraft's Command Module and Lunar Module. She coined the term "*Software Engineering*", legitimizing computer programming as a technical discipline.

- * PINCHER CHECKS TO SEE IF THE CURRENT MARK REQUEST IS MADE BY THE ASTRONAUT WHILE INTERRUPTING A GOPLAY DISPLAY
- * (A NORMAL OR A PRIO). IF THE ASTRONAUT TRIES TO MARK DURING A PRIO, THE CHECK FAIL LIGHT GOES ON AND THE MARK
- * REQUEST IS ENDED. IF HE TRIES TO MARK DURING A NORM, THE MARK IS ALLOWED. IN THIS CASE THE NORM IS PUT TO SLEEP
- * UNTIL ALL MARKING IS FINISHED.
- *
- * IF THE MARK REQUEST COMES FROM THE PROGRAM DURING A TIME THE ASTRONAUT IS NOT INTERRUPTING A NORMAL OR A
- * PRIO, THE MARK REQUEST IS PUT TO SLEEP UNTIL THE PRESENT ACTIVE DISPLAY IS RESPONDED TO BY THE ASTRONAUT.

CHPprio CA FLAGNRD4 * MARK ATTEMPT DURING PRIO
MASK OCTEN100
CES A
TCF MARSLEEP

CS FLAGNRD4

* PAGE 1357

MASK MKOVBIT * SET MARK OVER NORM

ININT LUNAR MODULE CONTROLS AND DISPLAYS

AUS FLAGNRD4

TCF SETNORM

CA

MASK

TCF

TS

CAF

TCF

TS

CAF

TCF

TS

CAF

TS

CAF

TCF

SETNORM

VERBMAK

W50DEP

PLAYTEND

ZERO

GOFLASH

PLAYTEND

BIT6

GOFLASH

PLAYTEND

ZERO

PLAYTEND

ZERO

GOFLASH

* ENTRANCE FOR A GASP WITH A PASTE

* SET BIT6 TO GO BACK TO USER AFTER W50DEP

* * DON'T MOVE