

Apollo-11

NASA Mission Overview Software Heritage Archive Comanche055 90% Luminary099 48%

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Original Apollo 11 guidance computer (AGC) source code for Command Module (Comanche055) and Lunar Module (Luminary099). Digitized by the folks at [Virtual AGC](#) and [MIT Museum](#). The goal is to be a repo for the original Apollo 11 source code. As such, PRs are welcome for any issues identified between the transcriptions in this repository and the original source scans for [Luminary 099](#) and [Comanche 055](#), as well as any files I may have missed.

Contributing

Please read [CONTRIBUTING.md](#) before opening a pull request.

Compiling

If you are interested in compiling the original source code, check out [Virtual AGC](#).

Attribution

Copyright	Public domain
Comanche055	Part of the source code for Colossus 2A, the Command Module's (CM) Apollo Guidance Computer (AGC) for Apollo 11 Assemble revision 055 of AGC program Comanche by NASA 2021113-051. 10:28 APR. 1, 1969
Luminary099	Part of the source code for Luminary 1A, the Lunar Module's (LM) Apollo Guidance Computer (AGC) for Apollo 11 Assemble revision 001 of AGC program LMY99 by NASA 2021112-061. 16:27 JUL. 14, 1969
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Digitalisation	This source code has been transcribed or otherwise adapted from digitized images of a hardcopy from the MIT Museum. The digitization was performed by Paul Fjeld, and arranged for by Deborah Douglas of the Museum. Many thanks to both.

Contract and Approvals

Derived from [CONTRACT AND APPROVALS.agc](#)

This AGC program shall also be referred to as Colossus 2A.

This program is intended for use in the CM as specified in report R-577 . This program was prepared under DSR project 55-23870 , sponsored by the Manned Spacecraft Center of The National Aeronautics and Space Administration through contract NAS 9-4065 with the Instrumentation Laboratory, Massachusetts Institute of Technology, Cambridge, Mass.

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