Apollo-11

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

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.

Submitted by	Role	Date
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