LESSONS FROM THE LUNAR MODULE PROGRAM: THE DIRECTOR'S CONCLUSIONS



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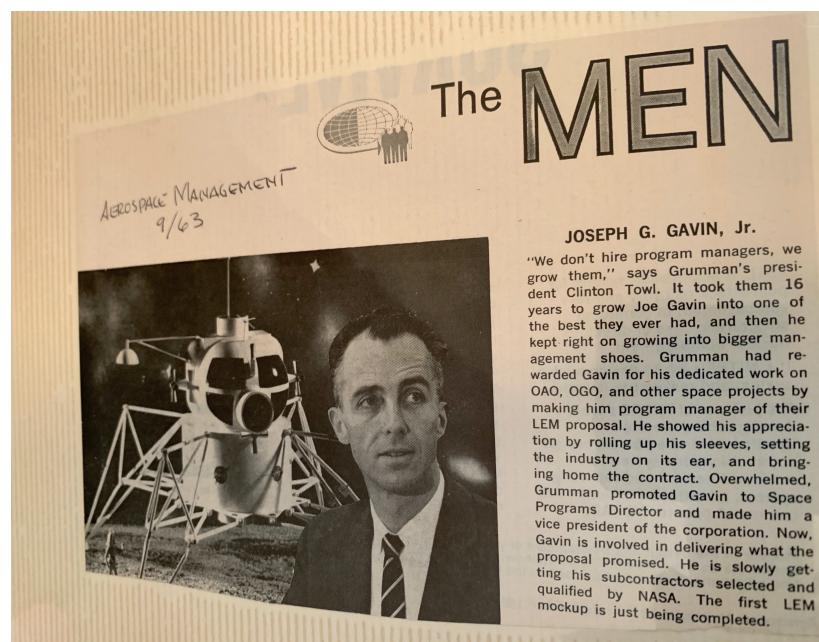
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* The views expressed in this article are those of the author alone, who welcomes all possible comments and suggestions for improvement via <<u>http://www.andrewerickson.com/contact/</u>>. They do not represent the estimates or policies of the U.S. Navy or any other organization of the U.S. Government.

Lunar Module Program: Challenges & Innovation

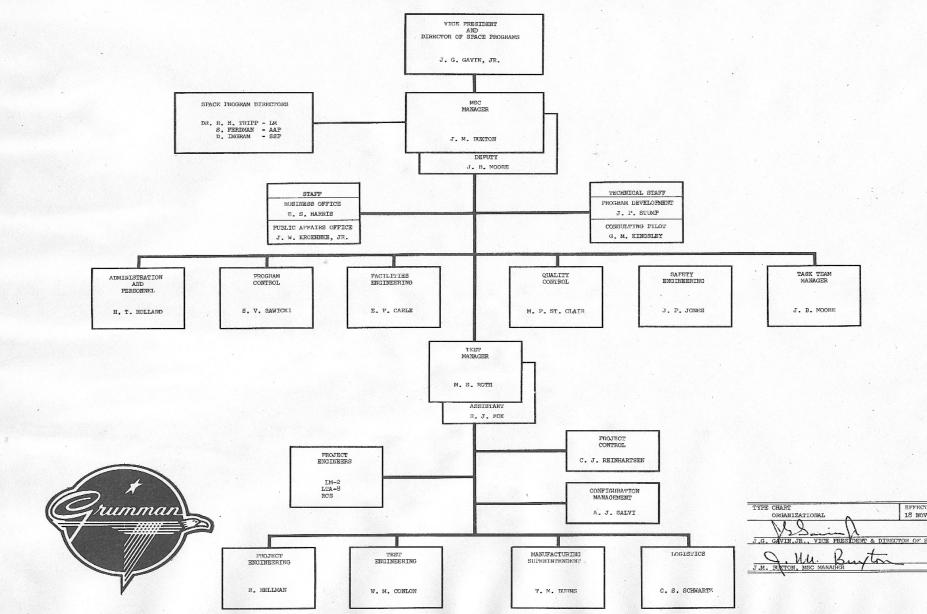


LM Lessons

- (1) Create conditions for success
- (2) Reliability is attainable
- (3) True innovation renders cost and schedule unpredictable
- (4) Don't complicate things unnecessarily
- (5) Remove hierarchical barriers
- (6) Empower individuals
- (7) Share information
- (8) Return the pilot safely to earth

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Broader Implications & Legacy



BIOGRAPHICAL DATA MIT CLASS OF 1941 FIFTIETH REUNION Children 3 GAVIN, Joseph G. Jr. Grandchildren 3 Dorothy Dunklee - 14 Oct. 1943 6 Endicott Drive, Huntington, NY 11743 (516) 427-9078 Career 40 yrs. with Grumman - retired as presi dent, Chief Operating Officer - highlights: direction of the Lunar Module program for Apoll Member National Academy of Engineering. Member International Academy of Astronautics. Board Member - American Ass'n for Advancement of Science. Worst crisis: repairing the buses a design we bought from Rohr. Advisor to Dept. 1941 of Energy - fusion energy research. Several National Research Council committees. Volunteer Activities M.I.T. Corporation & Exec. Comm. Huntington (N.Y.) Hospital trustee including 5 yrs. as chairman. Harborfields (N.Y.) School District - Board Member 8 yrs. Long Island United Way Annual Fund Drive. Hobbies Skiing Vermont cabin 1966 Tennis Family expeditions Photography History Comments Aerospace has provided a fascinating career. I met Orville Wright before he died; met Whittle, designer of 1st jet engine during WWII; showed Charles Lindbergh the Lunar Module under construction; survived the anxious hours

of Apollo XIII. Couldn't have done it all with-

out Dorothy's interest and support.



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