<u>FIRST AMENDED AFFIDAVIT OF</u> ██████████

State of ██████████   }
                  } ss:

County of ██████   }

FIRST BEING DULY CAUTIONED AND SWORN, AFFIANT STATES:

1. My name is ██████████████, and I am of legal age, sound mind and otherwise competent to make this affidavit. I am currently the ██████████████████ ██████████████████████████

2. I have personal, direct knowledge of each of the facts set forth in this affidavit.

3. I am amending my original affidavit to include in this first amended affidavit my encounter with Dr. Anthony S. Fauci during the Highlands Group meeting disclosed herein at Nos. 10, 44-54. Sec. No. 22 describes the security procedures employed for the meetings described herein.

4. I am a subject matter expert with 35 years of expertise as a chief/senior principal systems engineer in the defense and space industries. I have received numerous honors and awards for this electrical engineering activity. My activities specialize in space, satellite and missile research, development requirements, analysis, risk management and customer service with U.S. Air Force ██████, Martin Marietta ███████, Rockwell International ████████████, General Dynamics ████, Eaton Corporation ██████████, Rockwell International Autonetics, Raytheon Company, ████████████████████, Raytheon Missile Systems Company, ████████████, Leidos, Inc., Science Applications International Corporation, Inc. (SAIC), ██████████ Engineering, ████████ ████████ (UK), ████████████████████. I have mastery of numerous development platforms including IBM Rational DOORS with Git that has been promoted by the IBM Eclipse Foundation since its founding on Nov. 29, 2001. I have extensive experience leading and mentoring staff from clean sheet designing through production delivery and sustainment (cradle to grave programs). See Professional Resume, **Exhibit A**.

5. Re: My professional interactions with:

   a. **Andrew W. Marshall**, director, Office of Net Assessment, The Highlands Group, sponsor of The Highlands Forums

   b. **James P. Chandler, III**, executive principal, Office of Net Assessment, The Highlands Group

   c. **Richard P. O'Neill**, president, The Highlands Group, sponsor of The Highlands Forums

   d. **Anthony J. Tether**, director, Defense Advanced Research Projects Agency (DARPA), The Highlands Group executive principal

   e. **Anthony S. Fauci. M.D.**, director, National Institute of Allergy and Infectious Diseases, National Institute of Health (NIH).

6. From 1981-2005, I was a participant in numerous meetings of a group that called itself "The Highlands Group" that sponsored "The Highlands Forums" which was sponsored by the U.S. Department of Defense Office of Net Assessment and The Defense Advanced Research Projects Agency (DARPA).[1]

7. These meetings in which I was in attendance were overseen by one or more of the following people: James P. Chandler, III ("**Chandler**"), Andrew W. Marshall ("**Marshall**") Richard P. O'Neill ("**O'Neill**") and Anthony J. Tether ("**Tether**").

8. I have been asked recently about another man by the name of **Jonathan Venverloh**. He was and still is, from my research, a senior executive at Google, Inc. (NASDAQ: GOOGL)[2] On Jul. 20, 2011, Venverloh was appointed a director at Salem Media Group, Inc. (NASDAQ: SALM).[3] Venverloh attended some of these Highlands Group meetings that I attended and appeared to be widely distrusted, including by me. This

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[1] About. (Accessed Apr. 16, 2019). Highlands Group Overview. The Highlands Group. Archive.org. . https://web.archive.org/web/20180226185459/http://www.highlandsgroup.net:80/about.php?ID=1

[2] Jonathan Venverloh. (Accessed Jul. 19, 2019). [Incomplete, fails to identify his long executive association with Salem Media Group, Inc.] Professional Profile. LinkedIn. https://www.linkedin.com/in/jon-venverloh-986324/

[3] Johnathan Venverloh. (Jul. 20, 2011). Appointed Director, Salem Media Group, Inc. 8-K, CIK#: 0001050606 [Press release]. SEC. https://www.sec.gov/Archives/edgar/data/1050606/000105060611000022/f8kjonvenverlohdirectorfinal.htm

was at about the same time (2003-2004) that Google and the C.I.A. entered into a contract with Google for the C.I.A. to manipulate search results.[4]

9. The Senior Executive Service (SES) and the Senior Executives Association directed and funded Marshall (from 1978-until his death on Mar. 26, 2019) and continue to direct Tether (2001-current) according to the Plum Book.

10. Dr. Anthony S. Fauci is a long-time member of the SES. Fauci is listed in the SES "Plum Books" in up to three positions at the National Institute of Allergy and Infectious Diseases: 1996, director; 2000, deputy director; and 2004 as possibly associate director for management and operations. The Plum Books state in the endnotes (e.g., 2000 Plum Book, p. 325):

    a. "By law, the appointment to or removal from any SES position in an independent regulatory commission shall *not be subject, directly or indirectly, to review or approval by an officer or entity within the Executive Office of the President.*"[5] (Emphasis added).

    b. I am a United States Air Force Crew Chief B-52/KC135 veteran. I pledged to *follow* the Commander in Chief's orders. The fact that the SES is somehow exempt from following Presidential orders is shocking.[6]

11. The purpose of The Highlands Group ("**Highlands**") was very evidently intended by the Office of Net Assessment to gather government agencies and selected nongovernment contractors and financiers to make recommendations on promising innovations over which the government could apply its financial and contracting muscle to weaponize. In short, Highlands made the recommendations on war fighting systems winners and losers.[7]

12. In this noncompetitive environment, patents, copyrights and other forms of intellectual property were mere speed bumps to Highlands' public-private members. Their

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[4] Google Contract. (Dec. 07, 2004). Beta Evaluation Agreement, Doc. No. 0001487902, FOIA F-2007-00886. CIA. https://www.cia.gov/library/readingroom/document/0001487902.

[5] S. Prt. 106-54. (Nov. 08, 2000). Plum Book, Policy and Supporting Positions. Committee on Homeland Security and Governmental Affairs. U.S. Senate, 106th Congress, 2d Session. GPO.

[6] About the Plum Book. (Accessed Apr. 16, 2019). United States Government Policy and Supporting Positions (Plum Book). Government Printing Office. https://www.govinfo.gov/collection/plum-book

[7] About. (Accessed Apr. 16, 2019). Highlands Group Overview, *supra*.

confiscations of private property are, in my opinion, in flagrant violation of the Fifth Amendment Takings Clause, among others. In fact, the very existence of Highlands was/is noncompetitive and worked more like a fascist system where government insiders picked winners and losers based on political alignment, rather than capability.

13. It is my belief that many of the Highlands' private corporate participants were eagerly carrying forward the tradition of intellectual property confiscation by the U.S. government that was instituted by President Franklin D. Roosevelt, and which fueled America's post-World War II economy—much to the benefit of the beneficiary robber barons and to the impoverishment of inventors worldwide. While American industry gave lip service to respecting the property rights of *American* inventors, my observation is that they treated American inventors with equal disdain.

14. It is my belief that Highlands participants starting in 1942 have been the beneficiaries of "over 50,000 [seized] patents" that "cover inventions in every field of applied science and representing millions of man-hours of research and the expenditure of many millions of dollars. These inventions represent some of the finest research achievements of modern science, particularly in the production of dyestuffs, plastics, pharmaceuticals, and electrical goods." These patents were "owned and controlled by enemy nationals, or in certain cases, by non-enemy foreign nationals." They were seized by the President under the First War Powers Act of December 1941 that resulted in Executive Orders No. 9095 (March 11, 1942), as amended by No. 9193 (July, 6, 1942). These executive orders created the Office of Alien Property Custodian as a part of the Office of Emergency Management of the Executive Office of the President. "Such property includes business enterprises of all kinds and sizes, real property, trusts, estates, ships, patents, copyrights, trademarks, and certain miscellaneous property" (but curiously, not "cash, bank deposits, and securities"). The U.S. Patent Office assisted the Office of Alien Property Custodian in the reclassification of these seized patents before they were *given* to American business applicants.[8]

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[8] Leo T. Crowley, Alien Property Custodian. (Dec. 7, 1942). Patents at Work, A Statement of Policy by the Alien Property Custodian of the United States, No. 3999066566405, No. JX5313.U6A5 1943. Office of Alien Property Custodian.

15. In December 1982, I was introduced to Richard P. O'Neill (he prefers as Dick O'Neill) at an Office of Net Assessment / Highlands Group after-meeting in the lounge area of the hotel where most of us were staying during the initial congressional testimonies where ████████████████████████████████████ ███ ███ ███ ██████████████████████████.

16. O'Neill's interest in the ████████ incident was primarily what the three survivors, of which I was one, did to survive the incident. He asked me nothing about what could be done to prevent such an accident in the future. He just wanted to know how we survived. I thought his question was crass at the time. I left the gathering shortly after this distasteful exchange.

17. Chandler was also at this ████████ gathering. I do not recall whether or not Chandler had attended ████████████, but presumably he did. I was not introduced to Chandler, although one cannot help but remember his dark complexion, crooked teeth and stoic, emotionless face. Marshall attended ████████████, but he did not attend the gathering afterwards.

18. In 1984, while working on the Shuttle program at Vandenberg AFB, the team ████ ████████████ at Rockwell International Space and Missile Division / Software Safety Engineering Manager identified an issue with the Sensor monitoring screens in which during the monitoring cycle (every 2 minutes the screen would transition to the next screen)(there were 16 screens in all). The issue was that it would take a total of 32 minutes for the initial cycle to complete and start over leaving the status of a particular screen unknown for up to 32 minutes.

19. ████████████ developed a short-term fix ████████████████████████ to the software so that a ribbon menu was placed at the bottom of the screen that would flash if something was identified on a screen that had already cycled past the status viewer, and allowed human intervention to select the flashing menu ribbon identifier which would bring that monitoring screen up immediately.

20. ██████████ identified a long-term fix that would automatically bring up the status screen if an issue was identified without the need for human intervention. As was the requirement at the time, all safety hazard analysis reports had to be provided to the Cape Canaveral Safety Department for approval to implement. It was rejected by this organization stating that they did not feel it was critical to the operation.

21. When the Space Shuttle Challenger blew up on January 28, 1986, ██ called back to Washington, D.C. to testify about ██████ findings at Vandenberg, and present the details of ██ suggested fix to the issue, as well as the response by the Review Board from Cape Canaveral. During this testimony, all three of the Office of Net Assessment/Highlands Group principals attended ████████, namely Marshall, O'Neill and Chandler. Chandler took copious notes, despite his rules to the contrary that he, Marshall and O'Neill enforced on the rest of us during our meetings.

22. The Highlands Group organizers went to great lengths to secure the meetings. My briefing regarding the agenda for each meeting was presented verbally only and in a SCIF (Sensitive Compartmented Information Facility). Presentations had to be submitted and approved in advance via special military computers connected to a VPN (virtual private network) set up to receive the presentations. All approved PowerPoint slides were loaded up on a single laptop set up in the meeting room by the organizers. The meetings practiced Chatham House-like rules—no notes, documents, files, writing pads, briefcases, laptops, cameras, recording devices, flash drives, disks, bugging devices, surveillance spectacles, phones, purses or carry bags could be brought in or out of a meeting. If handouts were distributed, they were individually marked and collected at the conclusion of each session. The participants could not keep any written material. Upon leaving each meeting, a security check was performed to ensure that no information was carried out.

23. In October 1991, the Office of Net Assessment / Highlands Group held a meeting ██████ in a nondescript building in the Washington, D.C. suburbs also attended by Chandler, Marshall and O'Neill. The meeting participants included approximately 45 people representing an array of public and private sector entities and individuals.

24. ████████████████████ in a "black" project by Rockwell ████████████ at the time as their ███████████████████████ Engineer (███████).[9] I continue to be constrained by a nondisclosure agreement from discussing the details of this project outside of appropriate clearances.

25. The stated purpose for the meeting was to discuss Rockwell's contributions to the project ("Black"). ███████████ represent Black at this meeting and had to obtain a special clearance. We presumed that all the attendees would be similarly cleared to discuss this project.

26. O'Neill welcomed the 45 participants then totally switched the agenda away from discussing Black—the bait that motivated this large group to travel to Washington, D.C. for the meeting. O'Neill changed the agenda to surveying the participants on their views of the security impacts of using third-party software packages (commercial off-the-shelf software—COTS) on classified programs.

27. O'Neill introduced Chandler who then facilitated the meeting the rest of the day. Marshall was silent the whole day. O'Neill was also silent after introducing Chandler.

28. The participants were equally shocked, miffed and bewildered by this bait and switch agenda.

29. All day long, Chandler elicited comments and opinions from the participants who mostly responded with questions and requests for more context. Some even outright said there was no reason to use third-party software since the software and security needs of the U.S. government were already well in hand.

30. Chandler exploded into a tirade following the participant questions and push back. He lambasted the entire gathering with profanity laced epithets about their ignorance and lack of understanding about what was going on at his strategic level. Remarkably, Chandler pulled rank on the participants, some high-ranking military officers, without briefing them.

31. Remarkably, following the short lunch break, only 23 of the 45 contractors (51%) returned for Chandler's afternoon session. Half of the invited participants left without notice. The afternoon session with the other half who stayed was filled mostly with

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[9] A black project is a term used for a highly classified military or defense project publicly un-acknowledged by government, military personnel, and contractors.

arguments about the pros and cons of COTS software. Frankly, COTS was a well-publicized wider conversation in the industry across the board. It was not an issue unique to classified projects. For those with whom I spoke during the day, we agreed that if Chandler's purpose was evidently to cause rifts and political disruptions among some of the U.S. government's largest defense contractors., he achieved his goal. The meeting did not arrive at any solutions, and there was *no* discussion of Black.

32. I have never before or since attended such an odd government meeting as Black. It was memorable. Hindsight shows that the Department of Defense Office of Net Assessment (Andrew W. Marshall), the Highlands Group (Richard P. O'Neill), James P. Chandler, III (evidently directing both organizations) were intent on moving classified government systems away from internal to selected Highlands private sector participants. This Black meeting was evidently designed to give them enough to make their arguments plausible. There was no other reason to have this meeting, in my opinion.

33. In March 2003, my company, ████████████████████████████ ██ was appointed the sole prime contractor for DARPA's ████████████████ ████████████████████████████████ was intended to develop a new ██ ██████████████████ system that would provide the U.S. military with the ability to launch ██████████████████████ within hours of detection of ████████████.

34. In ████ 2004, I participated with Marshall in a requirements meeting with the DARPA program manager (Tether's predecessor in this project). Marshall never said a word the entire day, and left without as much as a thank you. On the other hand, the DARPA Program Manager gave us a ration of verbal abuse about ██████████████████ ███████████████████████████████████████.

35. In ██████ 2004, ███████████████████████████████████ ██ ██ ████████████.

36. Nonetheless, three months later, in ████████████, we ██████ completed the second phase of the ████████████ program. This phase successfully bench-tested the ████████

█████████████ relied upon *previously patented* ██ *technology* to create a module for ██████████████████████████████████ which was goal of Phase 2. See U.S. Patent ██████████.[10]

37. In ██████████, as we were beginning our PDR, we were informed that the DARPA Program Manager on our project had been removed and that Tether, the director of DARPA himself, would be acting as the Program Manager for our PDR.

38. After a full day presenting our designs and test results for the head-end module (that incorporated our previously patented innovations), Tether, with his head full of our fresh information, summarily canceled the program effective immediately. We were given one (1) month to provide all work product paid for by DARPA. Note that this work product *did not include* the ████████████ since ████ owned the patents and the design.

39. As a result of this DARPA project cancellation, ████████████████ laid off its employees and ceased operations by ██████████. I took a new position at SAIC in ██████████.

40. For the record, certain misinformation about this project injects fabrications ██████ ██ ██████████████████████████████████. That information is materially incorrect.

41. However, six months after ████ stopped operations, Northrup-Grumman announced that they had been awarded a new program. Tellingly, the DARPA Program Manager who had been fired ████████████████ was now *employed* by Northrup-Grumman on this new award. Tether had included all the ████ proprietary ██████ inventions in the Northrup-Grumman specification. In short, in my opinion these actions by DARPA misappropriated ████ proprietary patent properties.

42. In ██████ 2004 and ██████ 2005, I again participated in meetings with Chandler and O'Neill at Office of Net Assessment / Highlands Group meetings associated with the transitioning from ████████████████████████████████████ in conjunction with the ████████ ██████ program. Again, they were interested in what

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[10] ██ ██ ██████. U.S. Patent Office.

security concerns there were between the two protocols, as well as the length of time to implement the migration efforts.

43. In the January 2005 meeting, I became aware of substantial conflicts of interest between DARPA and Army personnel with regard to ██ implementation. Once DARPA realized that I had inadvertently become aware of these conflicts, I was summarily escorted out of the Boeing facility where I had learned about the conflicts and was transferred immediately to another SAIC program (Space and ████████████████████ ██████████). My new assignment had no visibility into the ██ program. It was evident that the Army and DARPA strategies were not aligned (at least in what the Army said to me), and that DARPA (Chandler, O'Neill, Marshall, Tether) was in control of ██, and not the Army. I found this odd since the *raison d'ê·tre* of the entire DARPA program was ██████████ ██████████ for the Army. The Army's supposed need appears to me in hindsight to have been a ruse for another agenda.

44. Also, in the January 2005 meeting, a fellow participant was Dr. Anthony S. Fauci, who was the director of the National Institute of Allergy and Infectious Diseases at the National Institute of Health (NIH). In fact, it was only after I saw Dr. Fauci giving speeches recently at the White House as part of the COVID-19 Task Force that I realized that he was the mystery participant at the January 2005 Highlands Group meeting described below.

45. Dr. Fauci was never actually introduced to the participants. When Dick O'Neill went around the room and asked the participants to introduced themselves and briefly describe their work, O'Neill skipped over Dr. Fauci without even acknowledging his presence, which was very odd to me.

46. Dr. Fauci mainly had side conversations with James P. Chandler, III, Richard S. O'Neill, Anthony J. Tether and Andrew W. Marshall.

47. I was sitting close enough to these men to overhear parts of their whispered conversations that: (a) went on with Dr. Fauci for almost 40 minutes, and (b) had nothing to do with ██████████ ██████████ uses of the ████████████████ that we were there to discuss.

48. **Fauci, Nanobots & Biowarfare:** Rather, their discussion centered on using the ██ ██████ in a presumed Black project. The parts of the conversation overheard were about <u>nanobots.</u> ██████████ ██████████ did not include nanobots in the plan at all. Therefore,

nanobots would reasonably relate to Dr. Fauci as biological warfare devices that could be triggered by ████████ signals that would be dramatically more effective (perhaps █ ██ more effective) as compared to ██.

49. ██ would enable factors higher signal precision and value, whereby signals could be targeted to individual device ██ addresses. In other words, bio-nanobot payloads and data could be precisely targeted anywhere in world.

50. As our session was drawing to a close, Dick O'Neill, who was sitting next to Dr. Fauci, spoke up and asked the whole group if ██████████████ (the topic of our discussions) could be used in biowarfare. The question was totally out of context to the point that no one responded since biowarfare was not on the agenda. Most participants were visibly bewildered, if not shocked, by O'Neill's question. None of the participants even responded because the question caught everyone flat-footed. To this day I am unsure why O'Neill asked that question.

51. Without any response to O'Neill's question, O'Neill turned the meeting back to Chandler to handle meeting administrative issues. Then, Dr. Fauci (who was still never introduced) stood up before the dismissal and offered flu vaccinations to the participants! A handful of participants took him up on it, but not me. Several people said to me later, "What the hell, we get this bizarre, off-topic question evidently triggered by this mystery man's [Dr. Fauci] side conversations with O'Neill, Chandler, Tether and Marshall about use of *nanobots and biowarfare*, then he offers us a flu shot!" No normal person would think of allowing an unintroduced stranger, a "mad scientist" if you will, to inject unknown foreign substances into one's bloodstream like lab rats, in my view. The cognitive dissonance surrounding this event was palpable.

52. Several participants spoke with Fauci, O'Neill, Tether, Marshall and Chandler after the meeting adjourned, but I could not hear those conversations.

53. When I returned to my office, the Army ██ group to whom I reported the meeting were shocked that they were not invited to this meeting. Then, they were shocked that the discussions outlined the fullest addressing capabilities of ██ (i.e. up to ████ vs. ████ which is what they had been told was the upper limit, so they said) for use in ████ applications. In other words, the Army said that they did not have this level of information before my report. Whether this was true or not, I do not know. What they told me was that

they had not been fully briefed by Boeing—the prime contractor. When Boeing management heard about my report a few hours later, they immediately terminated me from the project. Given the speed of my dismissal, I had no time to brief my SAIC boss, ████████████████████, about the bizarre Dr. Fauci – Nanobot – Biowarfare episode.

54. SAIC moved me to an ██████████ program that same day.

FURTHER AFFIANT SAYETH NAUGHT

_____
██████████

SWORN AND SUBSCRIBED before me, a Notary Public, this _____ day

_____, 2020.

_____

Exhibit A   ██████████, Curriculum Vitae.

Exhibit A

[REDACTED]

Curriculum Vitae

SUMMARY

Extensive experience that includes large scale integration for net-centric operational systems, DODAF system architecture development including information assurance, SIGINT, architectures for ground and mobile assets. sub/supersonic missiles, space, Global Positioning Satellite (GPS) systems, aeronautical, aircraft, helicopters, RF/ECM/ECCM systems, power (aircraft/helicopter) and camera security systems, launch operations, analysis, and hardware to software integration. Leadership utilizing effective integrated project-teaming concepts, cross-functional matrixed program management, kaizen manufacturing, six sigma and engineering best practices; Experience includes hands-on, program management, supervisory, project leadership and group management with contract/sub-contract management with funding of $167M combined.

EDUCATION

████ ██
██████ ██████████████████████████████████)University,(█████████████

EXPERIENCE

09/2016 –████ ████████████████████████████████
Principle Systems Engineer – Systems engineering support to the ████ Directorate at the Space █████████████████████████AFB.

07/2015 –████ ████████████████████████████████
████████████████.
Chief Systems Engineer – Systems engineering support for private aircraft and helicopter battery, camera and security system programs.

04/2015 –████ ████████████████████████████████
███████████████████
██████████████████████)support for private aircraft and helicopter battery and security system programs

05/20██ –████ **LEIDOS (FORMERLY SAIC),**(█████████████.
Chief Systems Engineer – Systems engineering support to the national
██████████████

01/2011 – ████   ██.
                      Chief Systems Engineer – ████████████████████████

                      Demonstration Systems Engineering and Integration (SE&I) - ████████
                      ██
                      ██
                      ██
                      ████████████

11/2004 – ████   ██.
                      ████████████████████

05/2008 – ████   **Chief Systems Engineer** – ████████████████████████
                      ██

                      Conventional ████████████████████████████████
                      ██
                      ██
                      ████████████

                      Accomplishments include:
                      Primary technical interface to the customer as Chief Engineering for ████████
                      ████████████ Performs all system technical readiness assessments (TRA) and
                      development of program documentation and planning; Provides direction for
                      systems integration and safety risk assessments ████████████████████
                      ████████████████████████████████ Supports program office as
                      contractor intermediary for system design, integration activities, and program
                      status reporting for all aspects of the demonstration phase activities; Program
                      office start-up activities and operations; Supports Customer with information
                      and data inputs for manning levels and performance to budget/contract.

12/2005 – ████   **Principal Software Systems Engineer /** ████**Program**
                      Assigned to ██
                      ████████ System Engineering Technical Advisory (SETA) support as primary
                      software ████████), network integration ████████), and test engineering ████
                      ████ supporting increment 1 programmatic and technical expertise. Supporting
                      ████████ increment 2 initial engineering planning meetings, provided insight
                      into the ████ application in support of ████████ operational scenarios.

                      Accomplishments include:
                      Orchestrated integration for ████████ operational systems, ████ transition
                      planning/implementation assessments and training, network architecture
                      development, ████████ system architecture development including requirements
                      flow-down for system security assurance requirements for the ████████

program offices; Provided direction for ██████ and ██████ compliancy and supporting IG inspection criteria inputs; Performed as program office contractor intermediary for System Design Documentation and Design development activities and program status reporting for software development/test activities; Coordinated and chaired the ██████ Network Support Working Group to establish network architecture configuration requirements and discuss information assurance configuration requirements and issues with the transition to the mandatory Active Directory and Standard Desktop Configurations.

04/2005 – ██████ **Senior Project Manager /**
██████████████████████████████████

Assigned to ██████████████████ program as ██████████ Co-Lead of the ██████ Architecture Working Group, identifying and quantifying video architecture for the ████████ Command and ██████ environments which include the following areas: Per Platform requirements and documentation impacts; ██████████ Analysis and ██████ Studies; Software implementation impacts; Compression/Decompression impacts and trade analysis and ██████████

11/2004 – ██████ **Senior Project Manager /** ██████████████████████

Assigned to ████████████████ (██████ program as ██████████ Internet ██████████████ focal point in support of ██████████ effort; Identifying and quantifying impact of ████████████████████ for the following areas to include Systems Requirements and documentation impacts, ██████████ and ██████████ impacts, and Software implementation impacts

03/2004 – ██████ (██████████████████████████)

06/2004 – ██████ **System Engineering, Integration and Test (██████**
██████████████████ **Advanced Design ██████ Lead** - System Engineering, Integration and Test Department Manager responsible for Advance Program Design phase of the Defense Advanced Research Projects Agency (DARPA) ██████████████████████████ program.

Accomplishments include:
Directed Systems Engineering Integration and Test (██████ department and advance design ██████ lead for ██████████████ guidance and payload deployment system. Developed and implemented engineering Six Sigma and ██████████████████████ processes and procedures throughout the ██████████████ for capturing requirements and specifications. Developed and validated system interface and management,
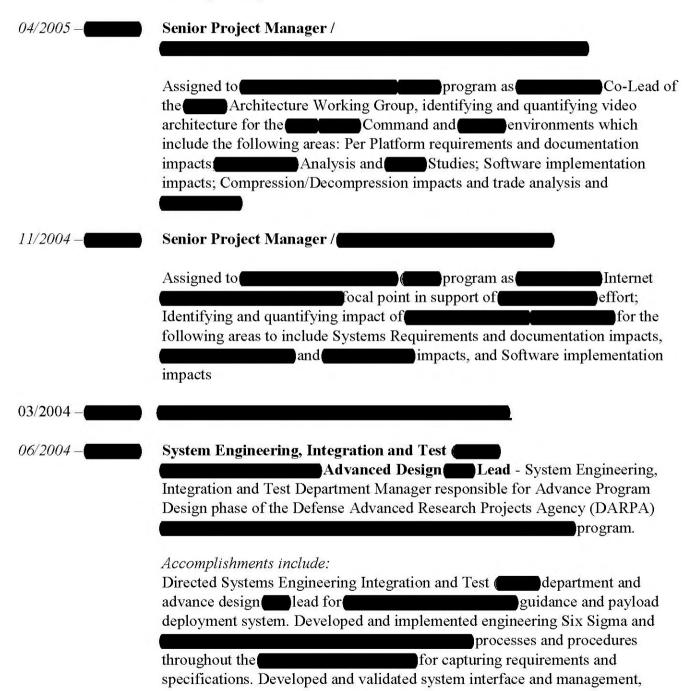
program offices; Provided direction for ███████ and ████████ compliancy and supporting IG inspection criteria inputs; Performed as program office contractor intermediary for System Design Documentation and Design development activities and program status reporting for software development/test activities; Coordinated and chaired the ████████ Network Support Working Group to establish network architecture configuration requirements and discuss information assurance configuration requirements and issues with the transition to the mandatory Active Directory and Standard Desktop Configurations.

04/2005 – ███████   **Senior Project Manager /**
███

Assigned to ████████████████████ program as ███████████ Co-Lead of the ██████ Architecture Working Group, identifying and quantifying video architecture for the ████████ Command and ███████ environments which include the following areas: Per Platform requirements and documentation impacts; ████████████ Analysis and ███████ Studies; Software implementation impacts; Compression/Decompression impacts and trade analysis and ████████████

11/2004 – ███████   **Senior Project Manager /** ████████████████████████

Assigned to ███████████████ (█████) program as █████████████ Internet ██████████████ focal point in support of ████████████ effort; Identifying and quantifying impact of █████████████████████ for the following areas to include Systems Requirements and documentation impacts, ███████████████ and ████████████ impacts, and Software implementation impacts

03/2004 – ███████   ████████████████████████████████████

06/2004 – ███████   **System Engineering, Integration and Test (██████)**
███████████████████████ **Advanced Design ████ Lead** - System Engineering, Integration and Test Department Manager responsible for Advance Program Design phase of the Defense Advanced Research Projects Agency (DARPA) █████████████████████████████████ program.

Accomplishments include:
Directed Systems Engineering Integration and Test (██████) department and advance design ██████ lead for █████████████████ guidance and payload deployment system. Developed and implemented engineering Six Sigma and ████████████████████████████████ processes and procedures throughout the ███████████████████ for capturing requirements and specifications. Developed and validated system interface and management,

system design analysis, technical risk management, and system trade studies. Worked with executive management as well as engineering staff, contractors, and customer representatives to ensure that requirements were flowed down and documented. Systematically evolved the ███████████████████████ ██████████e Preliminary Design Review (PDR) level. Established the Systems Safety/Reliability engineering processes and analysis procedures to establish baseline assessments. Performed project and risk management assessments, identifying and establishing metrics tracking toolset; development of design implementation schedules, and preformed project monitoring through tracking and reporting to earned value measurement system (██████criteria; monitored configuration management statistics; Specification development, review and publication throughout Advanced Design phase. Performed Systems integration and██████████████████integration assessment for preliminary failure mode and evaluation analysis (██████and programmic risk identification. Implementing Six Sigma and Integrated Product Development Systems Management Process and Procedures throughout the Advanced Design Phase to ensure customer satisfaction; Successfully implemented Integrated Product Team leadership resulting in an 85% increase in productivity; Established baseline assessments in Systems Safety/Reliability engineering and provided analysis coordination with design engineering teams; Implemented Project and risk management processes, schedule development and adherence criteria, project monitoring through tracking and reporting to Earned Value criteria, configuration management, documentation development, review and production, Specification development and release in first week of assignment.

11/99 - ██████   **RAYTHEON**██████████████████████████████

Senior Principle Engineer /
██

Responsible for█████████████████████████████ █████████████leadership and mentoring of multi-discipline engineers and program support personnel in support of multiple contract sub component awards spanning over four major contracts in excess of $15M each. Also, project and risk management, schedule development and adherence, project monitoring through tracking and reporting to Earned Value criteria, configuration management, procurement, documentation review and production, prime item identification and descriptions, global and detailed acceptance test plans, flight test plans and technical procedures. Missile Lead for guidance test vehicle, At██████████████builds and test activities. Provide mentor leadership for junior engineers. Launch crewmember for██████████ █████████████team at█████████████████Field Operations and Integration IPT Lead for█████████████████) program; █████████████████Audit IPT Co-Lead for technical project coordination with customer, responsible for the technical demonstrative population of the

Functional Configuration Audit Matrix for the ██████████████ Test program.

06/99 – ████   ██

Software Engineer / Lead Software Quality Assurance

Software Engineer - Responsibilities included but not limited to development of GUI software user interfaces, query based user interfaces using SQL queries, installation development using Install Shield products, report generation using Crystal Reports 6/7 and ActiveX controls for manufacturing management software products

01/92 – ████   ██████████CONSULTING

Founder / Chief Technology Consultant (CTC) (Concurrent)

NOTE: Operated consulting company on a non-interference basis concurrently with other jobs listed here.

- Performed evaluations, technical analysis, maintenance, troubleshooting computerized systems builds, and software installations for small businesses and medical offices.
- Developed recovery plans and maintenance schedules, analysis, and anomaly tracking databases, software applications for secured medical digital records database with reporting systems, time accounting, inventory control and expense reporting.
- Provided direct and computerized training of software applications, Health Insurance Portability and Accountability Act of 1996 (HIPAA) compliance requirements for medical offices, and help desk support to clients.
- Provide Management Information System (MIS) services in support of physicians, medical staff, Individuals, Small Business Owners and their employees.
- Preformed network architecture analysis with layout planning, implemented software utilization on personal and mini-mainframe computer systems and peripherals at various customer locations.
- Provided Cyber-security support and post-event forensic assessments and reporting.

01/92 – ████   ████████████████████████████████

Division Financial Manager / Senior ██████████ Analyst / Systems Engineer

Integrated Management Interface Software (IMIS) network Interface team member performing pre-planning and hierarchy structuring layout, and Technical advisor in the purchasing of computer equipment, telephonic support

and data transmission links, development tools and OTC software; Responsible for the design, development and implementation of various Data Reduction and Management tools using DOS and Windows based spreadsheets and relational database programs. Prepare and present Executive Management Financial Reviews. Prepared technical inputs and assessed pricing for proposals in association with the ████████████ Test and Follow-on Support contracts.

09/91 – ████   **ROCKWELL**██████████████████████████

Lead Software / Systems Integration Engineer████████████

Black Program

10/85 – ████   ██████████████████████████████████

Financial Manager / Senior Systems &
Flight████████████████████████

Prepared ████████ documentation, Test Plans and Procedures, ground test schedules, ██████████████████████ schedules, and briefings. Performed systems ████████ tests involving simulation testing in a laboratory, ground pre-████ validation testing and post-flight data reduction processing. Performed Data Analysis to evaluate and validate system function during various flight test scenarios. Project Engineer on Technical Information Meetings (████ Preliminary and Critical Design Reviews ████████████ chaired and coordinated Management Review Boards ████████ in support of the ████████████ Production and Flight Test Programs.

04/84 – ████   **MARTIN MARIETTA**████████████████

Instrumentation Flight Systems /████████████**Engineer**

Developed implemented and maintained Automated Test procedures, Test Plans, and support documentation during the Development, Test and Evaluation (DT&E), and Operational, Test and Evaluation (OT&E) phases of the ████████████████████ Program; Developed and maintained ████████████ ████████████████████████ procedures throughout the ████████████ ████ cycles. Performed Flight Test Data Analysis on flight telemetry data for evaluation and reporting on systems proficiency and performance. Implemented systems integration and communications test validations through data reduction and analysis processes at various remote site locations. As ████████████ Engineer, planned, developed, and performed validation and integration testing utilizing manual and automated test procedures for missile component testing and build activities. Responsible for customer and associate contractor interfaces and chairing of team-member review meetings. Supported launch operations for the ████████████████ satellite deployment.

11/83 – ████   **GENERAL DYNAMICS**█████████████

Vehicle Integrator / Test Conductor /████████**Engineer**

Assisted in preparation of█████████for test; developed test procedures for ██████checkout and█████e activity on██████. As Lead████Conductor, successfully implemented and completed the██████████████████████████████████validation during on-site integration activities at██████████████████████████████

04/83 – ████   **ROCKWELL**████████████████████████████████

Division Manager, Software Safety████████████**Department**

Manager████████████Engineering Department - Developed and performed Systems Interface and Integration hazard analysis evaluations of software driven and hardware systems.████in the execution of systems probability research and analysis for all systems interfaces to identify hazardous conditions as a result of test, simulation, and operational activities throughout the different facilities and on-board Shuttle environments. Developed and executed departmental definition requirements, process structuring, staffing requirements, training, and management protocols. Implemented the utilization of ███████████████analysis, developed all supporting documentation and reports with██████████recommendations Developed all Departmental Standard██████████Procedures for the (███████████████████Software ████████Engineering. Also supported Cape Canaveral shuttle operations for ██████deployment and█████████operations

10/81 – ████   **MARTIN MARIETTA**████████████████

Systems Integration /█████████████**Engineer**

████████████Engineer- Developed, implemented, performed validation and integration testing of████████████procedures at various field site locations during the████████phase of the█████████████████Program. Coordinated engineering interface activities with customer and associate contractor representatives

02/77 – ████   **UNITED STATES AIR FORCE**

Aerospace Ground Equipment█████████**/**████████**Crew Chief**████████████

Computer Proficiencies

Operating Systems:	*Applications:*	*Languages:*	*Architectures/Protocols:*
Windows 2000, XP, NT, Vista, and 7-10	Microsoft's Office, Project, Access, and Visio	Visual Studio Suite, with C++ and Java	████████████ planning/implementation
MAC OS 10.X	Lotus Notes	SQL	████████████
DOS	Crystal Reports	.NET Visual Studio	Network planning
			████████

ADDENDUM

Professional Society Affiliations

- ██████ to 2013 - Member, Institute of Electrical and Electronics Engineers (IEEE), Tri Counties, CA; Memberships within IEEE, includes ████████████████ ██████████████
- ██████ to 2010 - Affiliate Member, Society of ██████████████ CA; Membership through SAIC
- ██████ to Current - Member, National Association of ████████████

Additional Training

- ILEAD: Performance Management, Science applications International Corporation (SAIC), ██ ██████████-████
- ILEAD: SAIC Culture Module, Science applications International Corporation (SAIC), ██ ██████████-████
- Leading Technical Professionals, ████████ ████████-████ (Company sponsored Management training)

Training Certificates

- SEI Introduction to the CMMI, Software Engineering Institute (SEI) ████████████- Certification in ████
- CompTIA Security+ Certification, CompTIA, ████████A - Certification in ████
- CompTIA INet+ Certification, CompTIA, ████████- Certification in ████
- Certified Six Sigma Specialist (Green Belt), Raytheon Company, ████████- Certification in ████
- Phase 1 Certification for the Certified Program Management Program (CPMP) - Certification in ████

Honors

- ██ Recipient SAIC Team Achievement Recognition Award, Science Applications International Corporation (SAIC), ████████████████████████████████ ████████████

- ██ Nominee SAIC Individual Achievement Recognition Award, Science Applications International Corporation (SAIC), ████████████████████████ ████████████████████

- ██ Nominee US Air Force ████████ Individual Achievement Recognition, as Chief Systems Engineer on ████████████████

- ██ Nominee SAIC Individual Achievement Recognition Award, Science Applications International Corporation (SAIC), ████████████████████ ████████████████

- ██ Nominee SAIC Individual Achievement Recognition Award, Science Applications International Corporation (SAIC) ████████████████████ ████████████████

- ██ Nominee SAIC Team Award, Science Applications International Corporation (SAIC), ████████████ Team Award as part of ████████████████████

- ██ Nominee Raytheon ████████ Honors, Raytheon Company - Missile Systems, ██████████ Based on a company-wide Systems Engineering labor force.

- ██ Recipient of Raytheon ████████ Honors, Raytheon Company - Missile Systems, ████████ ██ Based on a company-wide Systems Engineering labor force.

- Listed in the ██ edition (████ of ████████████████ ████████████

- Listed in ██ Edition (████ of ████████████████████ ████████████

- Listed in the ██ edition (██████████) of ████████████████████ ████████████████