

Dear Paul,

This note is a request for semi-official comments about the Context Machine(sm). Woke up thinking about the meeting today at 1:30 with University Officials and the President of SUP (Sons of the Utah Pioneers) National organization. introducing the ContextMachine<sup>sm</sup>. I have briefly introduced you to the concepts. The thoughts that came to mind this morning relate to our conversation yesterday. First, three pieces of background information, then a specific request for written comments.

1. SUU (Southern Utah University's current involvement with aviation:



Southern Utah University provides a bachelor of science degree in [aviation](#) with two emphases: Rotor-Wing (helicopter) and Fixed Wing (airplane). These tracks share a common core of both general education and aviation core courses. Specialized flight labs for the two Pilot specializations involve simulators and various aircraft which are housed at the Cedar City Airport. The bachelor of science in aviation is designed to provide extensive training and boasts an over 95% job placement rate.

### **Associate's Degree**

- Aviation - Fixed-Wing Pilot Emphasis (A.A.S.)
- Aviation - Rotor-Wing Pilot Emphasis (A.A.S.)
- Aviation - Unmanned Aircraft Operator Emphasis (A.A.S.)

### **Bachelor's Degree**

- Aerospace/Aviation Sciences - Fixed-Wing Emphasis (B.S.)
- Aerospace/Aviation Sciences - Rotor-Wing Emphasis (B.S.)

## Certificate

- [Certificate of Proficiency in Aviation - Commercial Pilot Rating \(Fixed-Wing\)](#)
- [Certificate of Proficiency in Aviation - Commercial Pilot Rating \(Rotor-Wing\)](#)

2. <https://www.syberjet.com/company>, a company primarily owned and operated by its President, David Grant, Andrea's boss for the three years prior to her marrying me, and primarily located at MetalCraft facilities in Cedar City:

# ABOUT SYBERJET

SyberJet Aircraft is a subsidiary of MSC Aerospace company, a U.S. based manufacturer of the world's fastest and longest range light business jet—the SJ30. The SJ30 has a top speed of Mach 0.83 (486 kts / 560 mph), a 2,500 nautical mile range, and maintains sea level cabin pressure up to 41,000 feet (maximum flight ceiling of 49,000 feet). The SJ30 is designed with a unique 30 degree swept wing for high speed and fuel efficient cruising that features leading edge slats and flaps that are optimized for low speed approaches and gentle landings. These state of art aerodynamics, coupled with the efficiency and power of Williams FJ44 engines and the advanced technology of SyberVision™ avionics (with Honeywell inside), have earned the SJ30 three world records for speed and distance. SyberJet Aircraft has operations in Cedar City, Utah and in San Antonio, Texas.

MSC Aerospace ([www.mscaerospace.com](http://www.mscaerospace.com)) is a family of integrated and synergistic companies with aerospace related operations. Besides producing the SJ30 light business jet, MSC Aerospace companies support the manufacture and assembly of aircraft components for many leading commercial and military customers.

3. The ContextMachine<sup>sm</sup> is about indexing all data, information, knowledge, and wisdom, which means doing this indexing across all disciplines. At one point, my friend Bill Bavinger, a professor of architecture at Rice University, and I divided the world in two spaces, in information terms. I was to control all information under the ground and he was to control all information above the ground. His was the Urban Machine(sm), which I now have taken ownership of because of his untimely death, and mine was the intended expansions of Landmark Graphics into managing all subsurface information.

Specific Request: Since Northrop Grumman is a "Pioneering Company," and since the presentation today is to SUU Administrators and the leader of a prominent organization documenting pioneering, I would like a semi-official letter, in other words a letter on Northrop Grumman letterhead, stating Northrop Grumman's initial reaction to an invitation to license the ContextMachine<sup>sm</sup> from SUU for a price of \$500,000 with an annual ongoing 20% maintenance price of \$100,000. Largely because of the timing, this would only be your personal reaction to this request, and not a funding commitment by Northrop. As a Fellow, you are acquainted with other university programs Northrop funds, and so you can address the issue of whether this funding is reasonable based on what you anticipate Northrop getting out of the project. I anticipate you can make a statement as to why this is better done through a university, rather than a commercial operation, and whether Northrop would support getting contributors to participate in licensing The ContextMachine<sup>sm</sup> by doing things like talking about how you are using the results, and by giving SUU contact information for competitors you think would be active participants. Most importantly, how you envision Northrop participating, particularly with development of the Data Type portion of The ContextMachine<sup>sm</sup>. In order to include your letter in the on-line presentation, which is today at 1:30 PM Mountain Time, I need a copy of your letter I can post by 11:00 AM Mountain Time.

Thanks, with love,

Dad  
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