Center for Aerospace Science Technology

Dr. Kermit Reister/Weber State University/Ogden, Utah

Established as a center in 1988. Center focus is on development of small low earth orbiting satellites and other related aerospace technologies.

Overview

1994-95 State Contract	$91,000
Matching Funds	$246,088
Cumulative	$3,136,248
Center Related Jobs	9
Industry Jobs Created	2
Benefiting Utah Companies:	
1994 Spin-off Companies	0
Cum. Spinoff companies	1
Moved to Utah	1
Patents Applied	1
Patents Issued	0
License Agreements	0

Technologies

- **Has developed and flown** two satellites, NUSAT I and WEBERSAT, receiving world-wide recognition as a leader in the field of small and inexpensive low earth satellite development.
- **Mechanical spaceframe and equipment bus**; position and attitude control with 3 axis stabilization; communication links from space to ground control; power systems with articulating solar panels; central processing unit for data storage and processing.
- **Instrumental in** the establishment of Intraspace Corporation.
- **Successful spin-off** of Wasatch Aerospace Corporation.

Status

- **CAST is continuing** with the development of more sophisticated small satellite technology through JAWSAT.
- **Phase I** - WSU and CAST are in the first phase of the development of an entity to commercialize CAST's technologies and expertise in producing and managing the launch of small, standardized commercial satellites at a price that will open the market to additional clients.
- **Phase II** - initial commercial development.
- ***Phase III*** - *full* commercialization.
- **Working with SBDC** consultant to establish commercialization plan.

Economic Impact

The new company:

- **will be housed** in northern Utah
- **will develop** key partnerships with Thiokol Corp, Lockheed Corp. and Hill Air Force Base.
- **will contract** with CAST for continuing development of technology, thereby ensuring that CAST has a steady stream of revenue to support its applied research.
- **The potential for economic impact for the state is significant.**