

Aerospace Education in South Dakota

If you love aviation, generally you want to share that love with others. If you are involved in aviation in any way, YOU ARE an AMBASSADOR for aviation. In South Dakota, we have a small population. Within the aviation population, our small numbers are even more evident. But we are located throughout the state.

I would like to invite you to share your aviation experience with students at aviation events wherever they are. If you know a teacher, ask if you can speak to his/her class. Teachers everywhere have a tough job because of a very structured school curriculum. So you HAVE TO SELL the benefits of aviation. We can do this in several ways. Civil Air Patrol has the TOPS program. Teachers get to fly with CAP, and take their experience to their class rooms. EAA has the Young Eagles program. They get to airshows and fly-ins, taking kids on their very first flight.

Many airports have an Aviation Day, and science and STEM conferences are held around the state. Take advantage of these events to share your experience. Call the organizer and offer to help.

There are numerous aviation opportunities for you to share with students. The SDPA lists several scholarships available to students. SDSU holds ACE camp every year, offering scholarships from SDPA and the SD Aeronautics Commission. CAP has scholarships available for cadets.

If you'd like to share some of the science involved with a class, take a look at the AOPA site for aerospace education. There are some great demonstrations available there. Hand out airplane coloring books and connect-the-dots to the younger kids. Show a short video. Answer questions.

<https://youcanfly.aopa.org/high-school>

http://ae.capmembers.com/become_a_member/educators/

http://www.sdpilots.com/Becker-Hansen_Scholarship.htm

<https://www.sdstate.edu/consumer-sciences/ace-camp>

These seem like small things, but they all expose kids to the idea of flying, and sometimes, that's all it takes.

Issued by

Samantha Michelson
Flashbay Inc.
569 Clyde Avenue,
Unit 500,
Mountain View, CA 94043
United States

Customer Address

To Be Confirmed

Shipping Address




To Be Confirmed

☎ (650) 938-3500 (US)
✉ samantha@flashbay.com

☎ 605 773 4162
✉ Jon.Becker@state.sd.us

Item	Quantity	Unit Price	Tax Rate *	Amount
 2GB Twister Blue (USB2.0) - PR2372639	2000	\$3.56	0%	\$7,120.00
 2GB Twister Blue (USB2.0) - PR2372639	2500	\$3.38	0%	\$8,450.00
 2GB Clip Blue (USB2.0) - PR2372640	2000	\$3.56	0%	\$7,120.00
 2GB Clip Blue (USB2.0) - PR2372640	2500	\$3.38	0%	\$8,450.00
 2GB Wafer (USB2.0) - PR2372641	2000	\$3.71	0%	\$7,420.00
 2GB Wafer (USB2.0) - PR2372641	2500	\$3.53	0%	\$8,825.00
 Shipping	1	\$25.00	0%	\$25.00

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Yours sincerely,

Samantha Michelson



9.9 / 10

EXCELLENT

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The Logo Branded USB Specialist

Quote

Created: 23 Jan 2017
Valid until: 30 Jan 2017 18:00
Reference: Q101842-2
Currency: USD

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Item	Quantity	Unit Price	Tax Rate *	Amount
2GB Twister Blue (USB2.0) - Logo Branded	500	\$3.94	0%	\$1,970.00
8GB Twister Blue (USB2.0) - Logo Branded	500	\$4.17	0%	\$2,085.00
2GB Clip Blue (USB2.0) - Logo Branded	500	\$3.94	0%	\$1,970.00
8GB Clip Blue (USB2.0) - Logo Branded	500	\$4.17	0%	\$2,085.00
2GB Wafer (USB2.0) - Logo Branded	500	\$4.09	0%	\$2,045.00
8GB Wafer (USB2.0) - Logo Branded	500	\$4.32	0%	\$2,160.00
Data Preloading	500	\$0.35	0%	\$175.00
Shipping	1	\$25.00	0%	\$25.00

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[Read all 9,823 reviews](#)

* The applicable tax rate may be updated based on your shipping address, or VAT registration status.
We operate a 7 day quote validity date in case the underlying price of NAND flash memory changes.

Proof Reference
Customer

PR2372639
South Dakota Dept of Labor and
Regulation

Logo Name

South Dakota Dept of Labor and
Regulation

Your Virtual Proof

Name
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Twister - Reflex Blue C
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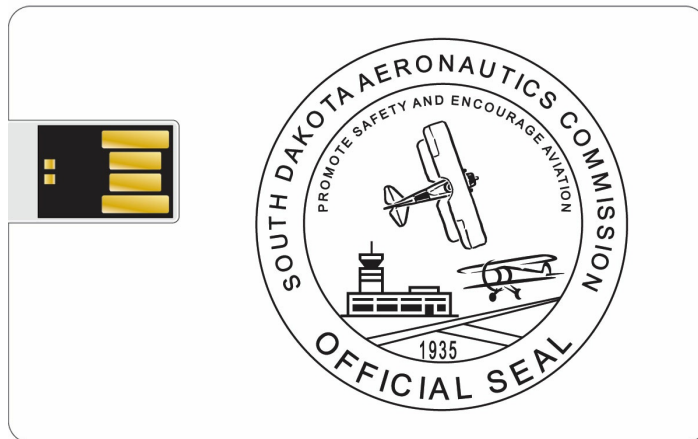
Logo Name

South Dakota Dept of Labor and
Regulation

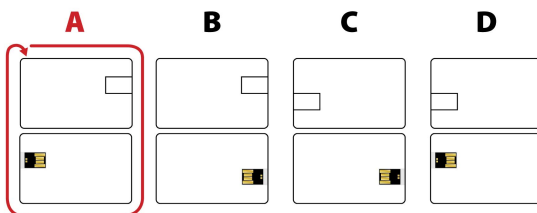


Name
Creation Date

Wafer - Clear
23 Jan 2017



Chosen orientation

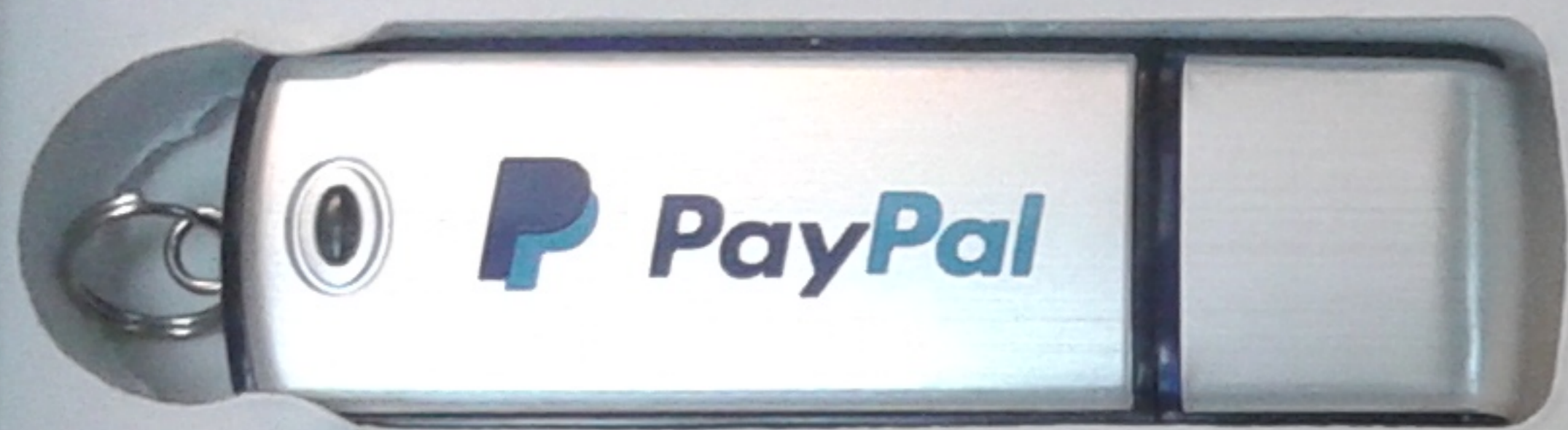


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MAC
www.maccosmetics.com



Narrative for Aviation Videos from Lake Area Technical Institute

By Greg Klein

F-15 Eagles over New Orleans

Many of our students are military veterans - some from each branch of the service. Many from military aviation maintenance backgrounds in the military and they attend LATI to become FAA certified aviation maintenance technicians. One of our students who just graduated went the other direction and joined the Air Force to become a maintainer of the newest aircraft in the fleet, the Lockheed F-35 Lightning. Instructor Greg Klein at LATI is retired Air Force and worked on the F-15. Both those aircraft are featured in this video.

Fabric Covering Timelapse

I like to call this video "A Tale of Two Airplanes" because the aircraft you see being covered with fabric skin is one that we totally restored over a period of about 4 years and it was gorgeous when we got done. Near the end of the video you see two airplanes, a white one and the green one featured during the covering portion of the video, parked tail-to-tail. Over a period of about 3 years our students totally rebuilt the white one as well. We installed a tow hook on the white one and use it to tow gliders into the air as you can see in the last footage of the video. That aerial footage was of the very first flight of the green glider being towed. We had complete confidence in our work but we were still nervous. It's a very satisfying feeling to take basket cases and turn them into awesome flying machines.

LATI Soaring Event

Footage from an event we've done for 4 years in a row in late April where we invite owners of gliders to Watertown and do as many as 170 glider flights in 2 days. The video features three methods of launching gliders:

1. Self-launch gliders which have their own engine to get off the ground and you can shut the engine off to glide.
2. Aerotow which is where you connect a tow plane to glider and tow it up.
3. Ground launch, which in this case is where we hooked a 1600 foot rope from the glider to the schools pick-up truck and towed the glider up to 1000 foot launch altitudes. The sounds and sensations of this type of launch are fantastic. The rope sounds like a 1600 foot guitar string in the wind and it's loud! Also, the climb out is very steep and it's like getting launched from a carrier deck.

Last year's event was a STEM event and we took high school math and science class students up for a glider ride.

Spray Pass Take 1

This is what it looks like when a spray plane pilot goes to work to spray fields. The pilot is one of our students on a training flight. WOW! Nuff said.

Virgin Galactic – Dreams

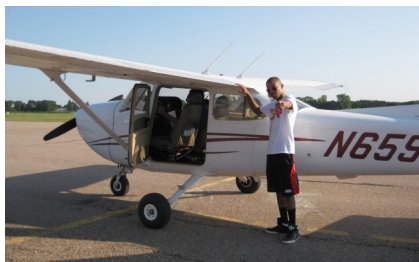
This company uses a jet powered mother ship to lift a 6 passenger spaceship to 50,000 feet. The rocket gets released from the mother ship, fires it's rocket, and completes its trip to space. Both craft return to a runway (Spaceport America) in New Mexico where the space passengers are awarded astronaut wings. It's space tourism. One of our graduates was on the team that built the spaceship and they are flight testing it now.

Ximango

This is one of the school's self-launch gliders (motorgliders). It uses an engine to get itself off the ground instead of being towed up by a tow plane. This video shows a typical flight using the engine to get to altitude, shutting it off and feathering the propeller to soar, and returning to the airport to land without restarting. The scenes at the beginning with the students were taken at an Air Force base in New Mexico where we flew another school airplane to pick up the Ximango.

ACE Camp 2017

JULY 9TH THROUGH 12TH



Aerospace Career & Education Camp

- What:** A career exploration camp for high school age students interested in aviation or aerospace.
- When:** July 9th–12th
- Where:** Located in Brookings, SD at the campus of South Dakota State University
- How much:** \$350 per student includes introductory airplane flight, lodging, meals, and transportation at the camp (Scholarships available-see website for more information).

Hosted at South Dakota State University (SDSU) every July, this four-day camp provides high school-aged students the opportunity to get an early start on aviation careers. At the camp, students will learn about the fundamentals of flight, get behind the controls of an aircraft, build and launch model rockets, look into the workings of a jet engine, explore an F-16 fighter jet, and visit with aviation professionals. This particular ACE Camp focuses more on aviation, but does touch on aerospace activities.

ACE Camp enables students to make informed decisions as they consider college and career options. Having completed the program, students are more knowledgeable about the importance and diversity of aviation careers, how aviation and aerospace industries have developed and grown to what they are today, and are aware of future career opportunities and developments.



ACE Camp 2017 Brookings, SD

- Fly an airplane
- Navigate using maps
- Learn about aviation careers
- Build a rocket
- Learn to fly by instruments only
- See how a jet engine works
- Meet new people
- Spend some time on a college campus
- Did we mention fly an airplane?!?!?!?



Contact info:

Dr. Cody Christensen

Email: acecamp@sdsu.edu

143 Wagner Hall Box 2275A

Brookings, SD 57007

Phone: 605.688.4983



Register at: www.sdsu.edu (keyword: ACE camp)

ACE Camp 2017 Scholarship

Letter of Recommendation Form

ACE Camp provides partial scholarship assistance on a competitive basis as funding allows for up to \$200. If you would like to apply for a camp scholarship, please register online and mail in one letter of recommendation from the student's teacher or other non-related adult that has interacted with the student. All students seeking scholarship support need to have their materials submitted by Wednesday, June 14th, 2017 for consideration. You will be informed of the scholarship committee's decision by Monday, June 19th, 2017.

Please note: we do not guarantee scholarship funding will be available or disclose the amounts of scholarships until they are officially awarded. The majority of scholarships are limited to students residing in South Dakota, however we do have some scholarships that are not based on your state of residence.

The summer scholarship program is available to campers who meet special criteria. It is our sincere desire that no student be denied the opportunity to attend camp because of financial difficulties. We ask that you provide a letter of recommendation for the student. We have provided you with a short description of our camp and potential questions to address in your letter. You may return the letter to the student directly, email or mail to us. The letter must be received by ACE Camp no later than Wednesday, June 14th, 2017.

www.online-registration-system.com/sd/ace/contact_us

About ACE Camp:

Sponsored by NASA and hosted at South Dakota State University (SDSU) every July, this four-day camp provides high school-aged students the opportunity to get an early start on aviation and aerospace careers. At the camp, students get behind the controls of an aircraft, launch a space shuttle using a computer generated flight simulator program, build and launch air rockets, map orbits of planets, graph sun spots, and visit with aerospace professionals.

ACE Camp enables students to make informed decisions as they consider college and career options. Having completed the program, students are more knowledgeable about the importance and diversity of aviation and aerospace careers, how aviation and aerospace industries have developed and grown to what they are today, and are aware of future career opportunities and developments. For more information please visit:

<http://www.sdstate.edu/consumer-sciences/ace-camp>

Below are some questions to consider when writing your letter of recommendation:

When writing your letter of recommendation please be sure to tell us who you are.

What is your relationship to, and how long have you known the applicant?

Why is this student deserving of an ACE Camp scholarship?

What interactions have you had with the student?

How do you feel this camp would benefit the student?

Has this student shown interest in an aerospace/aviation topic that we could help them develop more?

What are some adjectives that describe the student's strengths, and please compare the student's performance to that of his/her peers.

How have you seen the student grow during the time that you have known the student?

Please submit your letter of recommendation via mail or email at the address below:

Cody Christensen
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143 Wagner Hall, Box 2275A
Brookings, SD 57007
acecamp@sdstate.edu