



**Listing of Pre-College Aviation Programs**

<i>Name</i>	<i>Age Group</i>	<i>Address</i>	<i>Description of Program</i>	<i>Airport Utilized</i>	<i>Contact Information</i>	<i>Website</i>
AvSTEM Inc	Middle school through high school	Box 323 McGrath, AK 99627	We work in schools and with homeschool programs using aviation to enhance math and science education. We have a broad range of programs to fit the needs of SPED students as well as the academically advanced. We teach in the classroom and via video conferencing equipment. Our program is a hands-on learning experience which includes pilot, aircraft maintenance, engineering, and hobby tracks which students can choose from.	McGrath (PAMC)	Grant Funk <a href="mailto:grantloveslenna@yahoo.com">grantloveslenna@yahoo.com</a>	<a href="http://avstem.org">avstem.org</a>
Aviation Science Class	Grades 9-12	Service High 557 Abbott Rd. Anchorage, AK 99507	Private pilot ground school		<a href="mailto:dave.oberg@asdk12.org">dave.oberg@asdk12.org</a>	
Aviation Technology	Grades 9-12	UAA Aviation Complex 2811 Merrill Field Drive Anchorage, AK 99501	Private Pilot Ground School and Aviation Science	Merrill Field (PAMR)	Dean Paulson 907 786 7229 King Career Center 2650 East Northern Lights Blvd Anchorage, AK 99508	<a href="http://www.asdk12.org/schools/kcc/pages/Courses/AT.html">http://www.asdk12.org/schools/kcc/pages/Courses/AT.html</a>
Talkeetna Build-A-Plane	Ages 10-19	Box 107 Talkeetna, Alaska 99676	Aircraft rebuilding. "Real Kids Building Real Airplanes"	Talkeetna State Airport (PATK)	Larry Rivers (907) 733-24571 <a href="mailto:larry@talkeetnabuildplane.org">larry@talkeetnabuildplane.org</a>	<a href="http://www.talkeetnabuildplane.org">www.talkeetnabuildplane.org</a>



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Nenana High School Aviation Program	10 <sup>th</sup> - 12 <sup>th</sup> grade students	PO Box 10 Nenana, AK 99760	The Nenana Aviation Program is a new Science, Technology, Engineering, and Math (STEM) program at Nenana City Public School (NCPS) that provides students with the opportunity to not only learn about careers in aviation and aviation mechanics, but also learn how to fly. Students in the Nenana have the opportunity to do their ground schooling and flight training to work towards attaining their Private Pilot License. The program addresses: aviation careers, ground school, flight instruction, private pilot license, and aviation mechanics.	Nenana (PANN)/ Fairbanks (PAFA)	STEM Initiative Project Director: Jens Jacobsen	<a href="http://www.nenanaaviation.weebly.com">www.nenanaaviation.weebly.com</a>
NACTEC Build-a-Plane	9th-12th Grade	Box 131 Nome-Beltz Campus, Nome, AK 99762	NACTEC delivers two-week career intensive training programs preparing students with necessary Life Skills and Career Skills training to transition from high school to post-secondary success. Students explore a diverse array of Aviation careers via exposure events with a multitude of commercial airline industry partners at the Nome airport. Preparation for A&P Mechanic careers begins with hands-on career exposure training with a Build-a-Plane project.	Nome (OME)	Doug Walrath NACTEC Director (907) 443-3507 <a href="mailto:dwalrath@bssd.org">dwalrath@bssd.org</a>	<a href="http://www.nacteconline.org">www.nacteconline.org</a>



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Alaska Aviation Museum Free Tours for school groups	Age 5 and up to college level	4721 Aircraft Drive Anchorage AK 99502	A guided tour of the museum, use of the flight simulators and view aviation film. This is supported by a grant from BP.		<a href="mailto:director@alaskaairmuseum.org">director@alaskaairmuseum.org</a>	<a href="http://www.alaskaairmuseum.org">www.alaskaairmuseum.org</a>
Aviation Technology	Grades 9-12	501 N. Gulkana Palmer, AK 99645	Mat-Su Borough School District Career & Technical Education		Ray DePriest, Director Career and Technical Education 907-746-9274	<a href="http://www.mat-suk12.us/career">http://www.mat-suk12.us/career</a>
Private Pilot Certification Course	Grades 10-12	PO Box 359 Galena, AK 99741	Galena Interior Learning Academy operates a Private Pilot Certification Program. The program includes private pilot ground school and flight training courses. We operate three aircraft in in the past 3 years will have completed 9 Private Pilot Certificates, 19 students soloed and 12-15 students pass the Private Pilot-Airplane knowledge exam.	Galena (PAGL)	Joshua Kaufield 907-656-2053 <a href="mailto:josh.kaufield@galenanet.com">josh.kaufield@galenanet.com</a>	<a href="http://gila.galenaalaska.org">gila.galenaalaska.org</a>
Airport Tours	School (K-12) aged children, generally classes.	6450 Airport Way, Suite 1, Fairbanks, AK 99709	Behind the scenes tour of terminal building, commercial aircraft tour/pilot discussions, aviation history, TSA and Aircraft Rescue and Firefighting (AARF) demonstrations. Discussion of airport careers. Actual tour components subject to availability on day of tour.	Fairbanks Intl. Airport (FAI)	<a href="mailto:Fai.operations@alaska.gov">Fai.operations@alaska.gov</a>	fai.alaska.gov



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**Civil Air Patrol Cadet Program**

Name	Age Group	Address	Program Description	Contact Information
Civil Air Patrol Cadet Program	Age 12 through 21	Statewide contact: Alaska Wing Headquarters PO Box 6014, JBER, AK 99506-6014  Director of Cadet Programs: Brian Pierce, Capt., CAP <a href="mailto:pierce.brian.cap@gmail.com">pierce.brian.cap@gmail.com</a>	CAP's Cadet Program uses aviation as a cornerstone. The program allows young people to progress through a 16-STEP program including aerospace education, leadership training, physical fitness and moral leadership. CAP in Alaska has an active glider program as well as a program which offers orientation flights in fixed wing aircraft. Cadets who earn Cadet Officer Status may enter the Air Force as an E-3 (Airman First Class) rather than an Airman Basic (E-1)	<p><i>Fairbanks:</i> 9<sup>th</sup> Composite Squadron            907-474-0784 <a href="mailto:commander@9thcos.org">commander@9thcos.org</a>            Squadron meetings: Monday's 6:30 pm</p> <p><i>Elmendorf AFB:</i> 17<sup>th</sup> Composite Squadron            907-552-5126 <a href="mailto:Cap17th@gci.net">Cap17th@gci.net</a>            Saturday's 10:00 am</p> <p><i>Eielson AFB:</i> 71<sup>st</sup> Composite Squadron            907-372-3267 <a href="mailto:A10brew@gci.net">A10brew@gci.net</a>            Thursday's 6:30 pm</p> <p><i>Sitka:</i> Baranof Composite Squadron  <a href="mailto:Pierce.brian.cap@gmail.com">Pierce.brian.cap@gmail.com</a>            Saturday's 9 am</p> <p><i>Bethel:</i> Bethel Composite Squadron            907-543-2359 <a href="mailto:tcjdoolittle@gmail.com">tcjdoolittle@gmail.com</a>            2<sup>nd</sup> Thurs. 7 pm</p> <p><i>Chugiak:</i> Birchwood Composite Squadron            907-688-4995            Monday's 6 – 8:30 pm</p> <p><i>Kenai:</i> Kenai Composite Squadron            907-283-7801            Monday's 6:30 – 8:30 pm</p>



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				<p><i>Kodiak:</i> Kodiak Composite Squadron 907-486-4060 <a href="mailto:capkodiak@gci.net">capkodiak@gci.net</a> Thurs. 6:30-8:30 pm</p> <p><i>Anchorage:</i> Polaris Composite Squadron 907-272-7227 <a href="mailto:cappolaris@gmail.com">cappolaris@gmail.com</a> Monday's 6:30 pm</p> <p><i>Seward:</i> Seward Composite Squadron 907-224-3000 <a href="mailto:Sewardcap@arctic.net">Sewardcap@arctic.net</a> Monday's 5 pm</p> <p><i>Juneau:</i> Southeast Composite Squadron 907-789-0245 <a href="mailto:capccsoutheast@alaska.net">capccsoutheast@alaska.net</a> Saturday's 9 am</p> <p><i>Valdez:</i> Valdez Composite Squadron 907-835-5007 Tuesday's 7 pm</p>
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**AOPA materials available for teens and educators:**

- AV8RS: Free online membership introduces teens to aviation, scholarships, etc.
- AOPA PATH Handbook: connects math, science, physics, history and technology to general aviation

<http://www.aopa.org/Pilot-Resources/Aviation-Resources-for-Youth.aspx>