

State of Alaska FY2019 Governor's Operating Budget

Department of Public Safety Alaska Wing Civil Air Patrol Component Budget Summary

Component: Alaska Wing Civil Air Patrol

Contribution to Department's Mission

Provide emergency and search response within the State of Alaska.

Core Services

- The three main goals of the Civil Air Patrol (CAP) are emergency services, cadet programs, and aerospace education.
- Emergency service coordinates closely with the Rescue Coordination Center (RCC); the number of saves/finds is approximately 7 lives per year and 27 saves/finds credited in FY2017.
- Disaster response for the National Weather Service, National Parks Service, National Oceanic and Atmospheric Administration (NOAA), United States Coast Guard (USCG) and State of Alaska (SOA) counterparts.
- Support services for military missions including readiness training, medical support, and VA outreach missions to Alaskan communities.
- Support to State of Alaska agencies like Department of Homeland Security/Emergency Management (DHS/EM) and Department of Health and Social Services (DHSS). Homeland Security including monitoring ports and traffic, and support of the Drug Demand Reduction Programs.
- Aerospace Education (AE) provides resources and tools supporting after school and community aviation programs for both youth and adult participants.
- Cadet Programs provide youth firsthand flight experiences and training in aircraft and emergency services, and mentor leadership, character development, aerospace education, and fitness.
- Cadet Programs promote diversity and opportunities that Alaskan youth might not otherwise experience by offering healthy alternatives so that youth are less likely to participate in illicit activities.
- Cadet Programs provide practical life skills and responsible goals for youth, giving them an advantage when entering military academies or enlisting in the military.
- Share resources across Alaska to lower the cost of manpower and facility operations, including 12 hangars. These facilities, and their associated maintenance/ repair/ upgrades, are co-occupied by DPS and other state level agencies that in turn reduce cost(s) to the SOA that would otherwise increase financial burdens.
- Provide a valuable mission ready fleet of over 721 volunteers with irreplaceable qualifications and skills.
- Operation of 17 squadrons across Alaska that share 23 powered and three glider corporate aircraft.

Major Component Accomplishments in 2017

- Rescue missions conducted: 54
- Life Saves Credited: 7
- Finds: 27
- Successful Glider Academy with 401 flights with 3 cadets completing their FAA Private Glider Pilots License.
- Cadet Glider Training Flights: 721 flights
- Cadet orientation glider flights: 105 flight
- Established a unit at Delta Junction and at Tok.
- Upgraded fixed based HF radios across the state to support Critical Infrastructure failures in the event of disasters.
- Provided Air Operations Branch Directors in support of Hurricane Harvey Relief efforts in Texas.
- Established a memorandum of understanding (MOU) with the Department of Health and Social Services, Division of Emergency Preparedness
- CAP will provide Air Logistical support for Medical Counter Measures including vaccine transport during a disease outbreak in rural Alaska.
- Established a MOU with SOA DHS/EM.
- CAP is hosting two alternate sites for the State Emergency Operations Center.
- CAP will assist by providing air support for Disaster Relief operations throughout the state to include aerial photography and aerial platforms for Emergency Managers/augmenters to conduct damage assessments.

Key Component Challenges

- Currently, the State of Alaska funds the operating & maintenance budget for the Alaska Wing CAP. This budget pays for operating the Lake Hood Aircraft Maintenance Facility and maintains 14 existing hangars. This funding has been static for nine years until 2014 when the amount was reduced by 18% while costs, particularly fuel and utilities have increased significantly. Because of the decrease we have had to reduce the operational fleet by the five DHC-2 Beaver Aircraft from service and may have to reduce by another five aircraft potentially being reduced from our fleet.
- In previous years, the required cost to ensure CAP is mission ready is in excess of \$500,000. With the loss of nearly 20% of the prior operating budget in recent years to the current \$450,000, the mission capability has been proportionately challenged.
- Funding at the national level has decreased due to sequestration and other Department of Defense funding reductions.
- The second greatest challenge is emerging technologies. In an effort to stay relevant CAP is pursuing new emerging technologies like small Unmanned Aerial Systems with Forward Looking infra-Red sensors (SUAS with FLiR) and improved radio communications systems for aircraft.
- The use of SUAS with FLiR is to provide another tool for missing persons searches conducted by federal, state and municipal agencies in Alaska. This is in addition to our Cell Phone Forensics and Radar Analysis teams which are hosted out of state, but render services to the SOA when requested.
- Alaska Wing CAP is pursuing upgrades to the current aircraft radios on two aircraft to allow for interagency support to include VHF and HF capabilities that would integrate with the Alaska Land Mobile Radio system (ALMR). This would allow CAP to provide a mobile communications platform capable of linking in multiple organizations' radios, even ones that are not ALMR, and create talk groups hosted by the aircraft's on board radio to support multiple agency response and provide critical communications support.
- Alaska Wing CAP has outfitted two aircraft (with plans to outfit six more) to host airborne radio repeaters for different agencies when responding to Search and Rescue (SAR) and disaster relief efforts across the state.
- Alaska Wing CAP staff members travel across Alaska to each of the 17 squadrons to provide essential training and require ongoing inspections to maintain mission readiness. The travel requirement to ensure our ability to fulfill our commitment to the SOA is in excess of \$100,000.

Significant Changes in Results to be Delivered in FY2019

- Potential for increased activity in Search and Rescue missions. Over the past years, the Alaska Wing has been involved in several large, multi-day, multi-aircraft extended searches. Keeping our flight crews proficient is a continuing challenge given the budget environment.
- Over the past several years, Alaska Wing CAP has acquired several new missions under Emergency Services. These include increased monitoring of potential and actual flooding, recording damage to communities, and humanitarian efforts/support to medical relief.
- Increased participation in intercept exercises designed to train Air Force intercept pilots and C³ crews in low and slow intercept procedures.
- Increased participation in real-world responses by the State of Alaska as authorized by newly established memorandums of understanding with State agencies.
- Continued resource management to decrease expenditures related to operations.
- Multi-purpose travel that will combine mandated inspections, staff assistance, and essential training.
- Continued participation in public activities to support the State of Alaska and its rural communities through public service.
- Explore additional resources to augment the State of Alaska appropriation to continue necessary projects at the individual squadron level which will promote CAP throughout Alaska.
- In the purchasing phase of acquiring drones with advanced sensors for Search and Rescue and Disaster Relief missions.
- In the process of establishing three additional squadrons later this year (one in Haines, one in Nome, and Kotzebue).
- Expansion of cadet programs and youth programs throughout the state.

Statutory and Regulatory Authority

- Civil Air Patrol (AS 18.60.146)
- Search and rescue parties (AS 18.60.120 - AS 18.60.140)

Contact Information
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Component Detail All Funds
Department of Public Safety

Component: Alaska Wing Civil Air Patrol (526)
RDU: Statewide Support (165)

Non-Formula Component

	FY2017 Actuals	FY2018 Conference Committee	FY2018 Authorized	FY2018 Management Plan	FY2019 Governor	FY2018 Management Plan vs FY2019 Governor	
71000 Personal Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
72000 Travel	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
73000 Services	453.5	453.5	453.5	453.5	453.5	0.0	0.0%
74000 Commodities	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
75000 Capital Outlay	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
77000 Grants, Benefits	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
78000 Miscellaneous	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Totals	453.5	453.5	453.5	453.5	453.5	0.0	0.0%
Fund Sources:							
1004Gen Fund (UGF)	453.5	453.5	453.5	453.5	453.5	0.0	0.0%
Unrestricted General (UGF)	453.5	453.5	453.5	453.5	453.5	0.0	0.0%
Designated General (DGF)	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Other Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Federal Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Positions:							
Permanent Full Time	0	0	0	0	0	0	0.0%
Permanent Part Time	0	0	0	0	0	0	0.0%
Non Permanent	0	0	0	0	0	0	0.0%

Change Record Detail - Multiple Scenarios with Descriptions
Department of Public Safety

Component: Alaska Wing Civil Air Patrol (526)

RDU: Statewide Support (165)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
***** Changes From FY2018 Conference Committee To FY2018 Authorized *****												
FY2018 Conference Committee	ConfCom	453.5	0.0	0.0	453.5	0.0	0.0	0.0	0.0	0	0	0
1004 Gen Fund		453.5										
Subtotal		453.5	0.0	0.0	453.5	0.0	0.0	0.0	0.0	0	0	0
***** Changes From FY2018 Management Plan To FY2019 Governor *****												
Totals		453.5	0.0	0.0	453.5	0.0	0.0	0.0	0.0	0	0	0

Line Item Detail (1676)
Department of Public Safety
Services

Component: Alaska Wing Civil Air Patrol (526)

Line Number	Line Name			FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3000	Services			453.5	453.5	453.5
Object Class		Servicing Agency	Explanation	FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3000 Services Detail Totals				453.5	453.5	453.5
3011	Other Services		Memorandum of Agreement with the Alaska Wing Civil Air Patrol.	443.4	443.4	443.4
3026	Inter-Agency Insurance	Admin - Department-wide	Risk management liability insurance costs for CAP hangars.	10.1	10.1	10.1

Inter-Agency Services (1682)
Department of Public Safety

Component: Alaska Wing Civil Air Patrol (526)

				FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
Component Totals				10.1	10.1	10.1
With Department of Administration				10.1	10.1	10.1
Object Class	Servicing Agency	Explanation		FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3026 Inter-Agency Insurance	Admin - Department-wide	Risk management liability insurance costs for CAP hangars.		10.1	10.1	10.1