

State of Alaska FY2018 Governor's Operating Budget

Department of Public Safety Search and Rescue Component Budget Summary

Component: Search and Rescue

Contribution to Department's Mission

Preserve public peace; protect life, property, and resources.

Core Services

- Initiate search and rescue (SAR) action for the recovery of lost or missing persons.
- Coordinate rescue operations for injured persons; conduct recovery operations for deceased persons.
- Coordinate small and large-scale responses to search and rescue events including resource management, interagency coordination, and the use of private resources, various agencies, and private persons.
- Reimburse public and private organizations for resources spent during search and rescue operations.
- Provide aircraft for search and rescue missions.
- Provide logistical support and technical expertise to local law enforcement and volunteer organizations, including provision of equipment, search management, and planning operational support.
- Train and support volunteer resources through professional conferences, local seminars, and practical exercises.
- Review training plans submitted by volunteer organizations.
- Manage worker's compensation program for volunteer search and rescue participants while engaged in search and rescue activities.
- Coordinate resources with the rescue coordination components of the Alaska National Guard and U.S. Coast Guard to meet the requirements of the National Search and Rescue Plan.
- Manage preventative programs to educate the public on wilderness-related risk and methods to mitigate risk and reduce the loss of life or injury to persons.
- Provide tuition-free classes to target audiences, including high school students and young adults, in avalanche-prone areas of the state. Emphasis is given to areas having a history of avalanche-related emergencies.

Major Component Accomplishments in 2016

The Department of Public Safety (DPS) responded to 1,115 search and rescue related incidents in FY2016. These incidents included overdue hunters, snowmobilers, hikers, boaters, and medical evacuations off the road system. After investigation of these incidents, 467 incidents required search and rescue (SAR) resources. Within these 467 incidents, 731 persons were assisted, located, or recovered.

DPS and SAR partners statewide responded to 7 overdue aircraft reports and 83 emergency beacon alerts. DPS and SAR partners responded to 44 reported aircraft crashes; these 44 incidents included 8 aircraft fatality crashes, 13 aircraft injury crashes, and 23 aircraft crashes involving property damage only.

DPS continues to support the Alaska Search and Rescue Association (ASARA), with training, coordination, and administrative support. During FY2016, ASARA allocated \$70,120.00 for statewide training and equipment as dictated by their FY2015 state grant of which \$44,772.00 was expended. As part of this effort, SAR volunteers received specialized training under the FY2015 state grant, along with organized semiannual training exercises to ensure operational proficiency within the search and rescue arena. Training across the state in critical topics included the following:

- National Association for Search and Rescue (NASAR) Introduction to Search and Rescue classes (MATSU and Anchorage).
- Wilderness First Responder, Refresh, & Wilderness First Aid courses (Fairbanks, Kodiak, and Anchorage).
- NASAR Managing the Lost Person Incident training (Seward and Southcentral).
- Rescue, Travel, and Hazard Mitigation in Avalanche Terrain (Southcentral).
- Rigging for Rescue courses (Sitka, Juneau, and Girdwood).
- Avalanche I and refresh courses (Southcentral and Kodiak).
- Land navigation training (Anchorage).

- Initial Response for the Incident Commander courses (Juneau, Matsu, and Anchorage).
- Computer and software equipment related to the AIMT SAR. (Statewide)
- Supported two workshops in Anchorage for the statewide incident management team. (AIMT SAR).

ASARA continues to develop an advanced search managers training program and response team. This program, referred to as the (AIMT SAR), was developed with joint support of the ASARA Board of Directors and the (SAR) Coordinator. AST recognize the need for highly trained individuals with capabilities to manage multi-operational period searches. With ASARA's support, the AIMT SAR continues to develop Incident Command System (ICS) capabilities across the state of Alaska. Members of the AIMT SAR specialize in the Incident Command System, additional search and rescue management techniques and support. These unique volunteers have highly specialized skill sets in search management and have expanded their activities across the state to further the mission of the department.

Key Component Challenges

Because of the unpredictable environment in Alaska, every search and rescue is treated as an emergency. The Department of Public Safety (DPS) is the state agency statutorily required to provide search and rescue operations for lost or missing, as well as recovery of deceased, persons on land. Unlike criminal investigation and traffic enforcement, where DPS provides technical expertise and support to local police departments, during search and rescue (SAR), DPS bears sole responsibility for land-based services regardless of location. To perform this function, roles are somewhat reversed. DPS receives assistance from federal, state, local and volunteer agencies, but remains responsible for the search and rescue. SAR decisions are not based upon availability of funds, but upon the likelihood of mission success under acceptable search conditions. The evaluation of these conditions includes the safety of searches as its highest priority.

As the civil authority for Alaska search and rescue, DPS must exhaust all available resources prior to requesting military assistance through the 11th Air Force Rescue Coordination Center on J-BER (Joint Base Elmendorf / Richardson) during land search and rescue missions. The U.S. Coast Guard is responsible for SAR at sea, and frequently assists DPS with searches along Alaska's coastline. The U.S. Air Force has responsibility for searches of downed or missing aircraft, and like the Coast Guard will frequently assist Alaska State Trooper (AST) during searches. Volunteers in communities across the state are often used in searches. This reliance on DPS assets and the use of volunteer resources are the primary response of DPS on search and rescue. When those resources are unavailable or unable to make the most effective rescue, DPS will turn to the military for assistance. Maritime and inland searches involving Coast Guard or Air Force assets are not traditionally billed to DPS.

State troopers make use of many of DPS's aviation assets during search and rescue operations. The most effective asset in particular has been the division's two A-Star helicopters based in Anchorage and Fairbanks. At the beginning of FY2017, DPS began utilizing the second dedicated SAR A-Star helicopter which was in long-term storage during FY2016 due to budget reductions. This is anticipated to have a positive impact on DPS' ability to immediately respond to requests for SAR with its own assets in the Interior region of the state

Significant Changes in Results to be Delivered in FY2018

Department Public Safety (DPS) will continue to support the volunteer organizations with training, coordination of activities, and increased participation in joint activities statewide. DPS expects to assist new volunteer organizations within the state to become operationally ready to respond to search and rescue operations. DPS acquired new high resolution sector scanning sonar during FY2016 as a result of a federal grant. DPS will train sonar operators statewide in order to increase the DPS capabilities of recovering the remains of victims of drowning. DPS continues to identify gaps in response capabilities and finds ways to fill these gaps with training, equipment or partnerships. DPS will continue to build quality relationships with local, state, and federal search and rescue (SAR) partners statewide in an effort to make SAR response more efficient and effective for the citizens of the state of Alaska.

Statutory and Regulatory Authority

DPS-Powers and duties of department (AS 44.41.020)
State Troopers (AS 18.65.010 - AS 18.65.110)
Police Protection (AS 18.65.010 - AS 18.65.790)

Law enforcement duties (AS 18.65.010 - AS 18.65.086)
Search & Rescue (AS 18.60.115 - AS 18.60.175)
Department to assist other agencies (AS 18.65.090)
Document and investigate missing persons (AS 18.65.610)

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Component Detail All Funds
Department of Public Safety

Component: Search and Rescue (513)
RDU: Alaska State Troopers (160)

Non-Formula Component

	FY2016 Actuals	FY2017 Conference Committee	FY2017 Authorized	FY2017 Management Plan	FY2018 Governor	FY2017 Management Plan vs FY2018 Governor	
71000 Personal Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
72000 Travel	17.8	66.2	66.2	66.2	66.2	0.0	0.0%
73000 Services	222.6	381.8	381.8	381.8	381.8	0.0	0.0%
74000 Commodities	81.7	127.5	127.5	127.5	127.5	0.0	0.0%
75000 Capital Outlay	62.7	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	384.8	575.5	575.5	575.5	575.5	0.0	0.0%
Fund Sources:							
1004Gen Fund (UGF)	322.3	575.5	575.5	575.5	575.5	0.0	0.0%
1061CIP Rcpts (Other)	62.5	0.0	0.0	0.0	0.0	0.0	0.0%
Unrestricted General (UGF)	322.3	575.5	575.5	575.5	575.5	0.0	0.0%
Designated General (DGF)	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Other Funds	62.5	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: Search and Rescue (513)
RDU: Alaska State Troopers (160)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
***** Changes From FY2017 Conference Committee To FY2017 Authorized *****												
FY2017 Conference Committee	ConfCom	575.5	0.0	66.2	381.8	127.5	0.0	0.0	0.0	0	0	0
1004 Gen Fund		575.5										
Subtotal		575.5	0.0	66.2	381.8	127.5	0.0	0.0	0.0	0	0	0
***** Changes From FY2017 Management Plan To FY2018 Governor *****												
Totals		575.5	0.0	66.2	381.8	127.5	0.0	0.0	0.0	0	0	0

Line Item Detail (1676)
Department of Public Safety
Travel

Component: Search and Rescue (513)

Line Number	Line Name		FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
2000	Travel		17.8	66.2	66.2
Object Class	Servicing Agency	Explanation	FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
2000 Travel Detail Totals			17.8	66.2	66.2
2000	In-State Employee Travel	Travel for search and rescue missions or to attend specialized training.	1.6	20.0	20.0
2001	In-State Non-Employee Travel	Volunteer search and rescue mission travel.	15.9	40.4	40.4
2002	Out of State Employee Travel	Travel to attend national search and rescue conferences and training events.	0.0	5.8	5.8
2005	Moving Costs	Moving costs.	0.3	0.0	0.0

Line Item Detail (1676)
Department of Public Safety
Services

Component: Search and Rescue (513)

Line Number	Line Name		FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
3000	Services		222.6	381.8	381.8
Object Class	Servicing Agency	Explanation	FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
3000 Services Detail Totals			222.6	381.8	381.8
3000	Education Services	Emergency response public education training courses, conferences, workshops and memberships.	26.3	44.9	44.9
3001	Financial Services	Claims and Judgments.	0.2	0.0	0.0
3004	Telecommunications	Phone and cellular service.	0.8	1.5	1.5
3006	Delivery Services	Freight, postage or courier services.	0.8	2.1	2.1
3008	Utilities	Propane or other utility costs in support of SAR missions.	0.1	2.5	2.5
3009	Structure/Infrastructure/Land	Room and space rental for conferences or meetings.	0.1	1.5	1.5
3010	Equipment/Machinery	Equipment maintenance, improvement or repair costs.	59.0	158.9	158.9
3011	Other Services	Other services in support of public awareness, training or program manual printing costs.	4.5	15.7	15.7
3020	Inter-Agency Building Maintenance	Trans - Department-wide	0.8	1.2	1.2
3033	Inter-Agency Aircraft	PubSaf - AK W-life Troopers Aircraft Sect (492)	130.0	153.5	153.5

Line Item Detail (1676)
Department of Public Safety
Commodities

Component: Search and Rescue (513)

Line Number	Line Name		FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
4000	Commodities		81.7	127.5	127.5
Object Class	Servicing Agency	Explanation	FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
4000 Commodities Detail Totals			81.7	127.5	127.5
4000	Business	Consumable office supplies used for training materials or command post demonstrations.	3.6	5.2	5.2
4002	Household/Institutional	Field rations or food for search and rescue volunteers, special protective gear or other welfare items.	13.6	22.6	22.6
4004	Safety	Safety and first aid supplies.	1.5	5.3	5.3
4013	Lube Oils/Grease/Solvents	Maintenance supplies for emergency equipment.	3.0	5.8	5.8
4015	Parts and Supplies	Parts used for repairs and maintenance on emergency equipment.	7.6	12.5	12.5
4019	Small Tools/Minor Equipment	Tools used for equipment maintenance.	3.1	11.0	11.0
4020	Equipment Fuel	Search and rescue vehicle fuel.	49.3	65.1	65.1

Line Item Detail (1676)
Department of Public Safety
Capital Outlay

Component: Search and Rescue (513)

Line Number	Line Name		FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
5000	Capital Outlay		62.7	0.0	0.0
Object Class	Servicing Agency	Explanation	FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
5000 Capital Outlay Detail Totals			62.7	0.0	0.0
5004	Equipment	Equipment purchases for emergency vehicle maintenance or improvement. FY2016 Actuals incorrectly reporting \$62.7K for equipment expenditures. True FY2016 Actuals should be \$0.2K.	62.7	0.0	0.0

Revenue Detail (1681)
Department of Public Safety

Component: Search and Rescue (513)

Revenue Type (OMB Fund Code) Revenue Source	Component	Comment	FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
5061 CIP Rcpts (1061 CIP Rcpts)			62.5	0.0	0.0
5351 Capital Improvement Project Inter-Agency		DPS SONAR Homeland Security Grant (Unbudgeted RSA FY16).	62.5	0.0	0.0
6004 Gen Fund (1004 Gen Fund)			3.5	0.0	0.0
6046 General Fund - Prior Year Reimbursement Recovery		Prior Year Reimbursement Recovery.	3.5	0.0	0.0

Inter-Agency Services (1682)
Department of Public Safety

Component: Search and Rescue (513)

				FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
Component Totals				130.8	154.7	154.7
With Department of Transportation/Public Facilities				0.8	1.2	1.2
With Department of Public Safety				130.0	153.5	153.5
Object Class	Servicing Agency	Explanation		FY2016 Actuals	FY2017 Management Plan	FY2018 Governor
3020	Inter-Agency Building Maintenance	Trans - Department-wide	RSA with DOT for headquarters yard maintenance and snow removal.	0.8	1.2	1.2
3033	Inter-Agency Aircraft	PubSaf - AK W-life Troopers Aircraft Sect (492)	RSA with AWT aircraft section for use of state aircraft during missions.	130.0	153.5	153.5