

**State of Alaska
FY2017 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 2015

The Department of Public Safety (DPS) responded to 1,014 search and rescue related incidents in FY2015. These incidents included overdue hunters, snowmobilers, hikers, boaters, and medical evacuations off the road system. After investigation of these incidents, 434 incidents required search and rescue (SAR) resources. Within these 434 incidents, 724 persons were assisted, located, or recovered.

DPS and SAR partners statewide responded to 13 overdue aircraft reports and 95 emergency beacon alerts. DPS and SAR partners responded to 22 reported aircraft crashes; these 22 incidents included 4 aircraft fatality crashes, 8 aircraft injury crashes, and 10 aircraft crashes involving property damage only.

DPS continues to support the Alaska Search and Rescue Association (ASARA), with training, coordination, and administrative support. During FY2015, ASARA continued to allocate funds for statewide training and equipment as dictated by their FY2011 state grant. As of July 2015, ASARA had spent all of the \$200,000 appropriated by the Legislature FY2011 grant managed by the Department of Commerce and Economic Development. As part of this effort, SAR volunteers received specialized training under the FY2011 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:

- First biennial Alaska Wilderness Interagency Search Exercise (AKWISE) - This three day multi-operational search exercise took place in Palmer and had teams participating from around the state. ASARA and the Alaska Incident Management Team (AIMT) SAR hosted and coordinated the event with Alaska State Troopers (AST) support and coordination.
- National Association for Search and Rescue (NASAR) Introduction to Search and Rescue classes (Wrangell and Seward).

- NASAR Fundamentals of Search and Rescue Training and Certification (Anchorage, Fairbanks, Juneau, Wrangell).
- Wilderness First Responder Refresh & Wilderness First Aid courses (Kodiak and Anchorage).
- Air operations survival and water egress (Juneau).
- Wilderness survival training (Juneau).
- NASAR Managing the Lost Person Incident training (Juneau).
- Rescue, Travel, and Hazard Mitigation in Avalanche Terrain (Southcentral).
- Ice rescue training (South Central).
- Rigging for Rescue course (Anchorage).
- Ropes Rescue (Kodiak).
- Land navigation training (Anchorage).
- GIS training (AIMT SAR).
- IMT training and interagency coordination with the Alaska's level I and II Fire IMT's (AIMT SAR).

ASARA has continued 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. Increased expenses for contractual services are anticipated during search and rescue operations in FY2017 due to decreased availability of DPS aircraft. At the beginning of FY2016, DPS stopped utilizing one of the two dedicated SAR A-Star helicopters. This is anticipated to have a substantial impact on DPS' ability to immediately respond to requests for SAR with its own assets, requiring additional coordination and collaboration along with reliance on outside entities for the use of their assets.

Significant Changes in Results to be Delivered in FY2017

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 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)

Contact Information
<p>Contact: Kelly Howell, Director, Administrative Services Phone: (907) 269-5591 Fax: (903) 333-7008 E-mail: kelly.howell@alaska.gov</p>

Component Detail All Funds
Department of Public Safety

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

Non-Formula Component

	FY2015 Actuals	FY2016 Conference Committee	FY2016 Authorized	FY2016 Management Plan	FY2017 Governor	FY2016 Management Plan vs FY2017 Governor	
71000 Personal Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
72000 Travel	11.2	66.2	66.2	66.2	66.2	0.0	0.0%
73000 Services	168.4	381.8	381.8	381.8	381.8	0.0	0.0%
74000 Commodities	73.2	127.5	127.5	127.5	127.5	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	252.8	575.5	575.5	575.5	575.5	0.0	0.0%
Fund Sources:							
1004Gen Fund (UGF)	252.8	575.5	575.5	575.5	575.5	0.0	0.0%
Unrestricted General (UGF)	252.8	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	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: 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 FY2016 Conference Committee To FY2016 Authorized *****												
FY2016 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 FY2016 Management Plan To FY2017 Governor *****												
Totals		575.5	0.0	66.2	381.8	127.5	0.0	0.0	0.0	0	0	0

Line Item Detail
Department of Public Safety
Travel

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

Line Number	Line Name	FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
72000	Travel	11.2	66.2	66.2

Expenditure Account	Servicing Agency	Explanation	FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
72000 Travel Detail Totals			11.2	66.2	66.2
72110	Employee Travel (Instate)	Employee transportation costs for search and rescue missions; costs to attend trainings.	5.3	39.0	39.0
72120	Nonemployee Travel (Instate Travel)	Travel costs for private citizens and other law enforcement officers who assist in search and rescue missions.	1.2	20.0	20.0
72410	Employee Travel (Out of state)	Attend national search and rescue conferences and training events.	2.0	4.2	4.2
72420	Nonemployee Travel (Out of state Emp)	Attend national search and rescue conferences and training events.	2.7	3.0	3.0

Line Item Detail
Department of Public Safety
Services

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

Line Number	Line Name		FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
73000	Services		168.4	381.8	381.8
Expenditure Account	Servicing Agency	Explanation	FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
73000 Services Detail Totals			168.4	381.8	381.8
73025	Education Services	Avalanche public education training courses, conferences, and workshops.	21.4	25.0	25.0
73050	Financial Services	Claims and Judgments.	7.0	8.0	8.0
73150	Information Technlgy	Software licensing.	0.0	1.0	1.0
73156	Telecommunication	Cellular and other wireless services.	0.0	0.5	0.5
73225	Delivery Services	Delivery services.	0.2	0.5	0.5
73429	Sef F/C A87 Unallowd	State Equipment Fleet Admin A portion of State Equipment Fleet fixed cost services for equipment, Portion A87 unallowable.	0.0	4.0	4.0
73525	Utilities	Utility costs (such as propane) in support of search and rescue missions.	0.0	1.0	1.0
73650	Struc/Infstruct/Land	Equipment repair and maintenance.	0.6	2.0	2.0
73675	Equipment/Machinery	Aircraft and/or helicopter charters for search & rescue missions and aircraft/equipment repairs.	23.0	33.0	33.0
73676	Repairs/Maint. (Non IA-Eq/Machinery)	Minor repairs to snow machines, four-wheelers, and other search and rescue equipment used during missions.	0.0	5.0	5.0
73686	Rentals/Leases (Non IA-Eq/Machinery)	Aircraft and/or helicopter charters for search and rescue missions and aircraft/equipment repairs.	0.0	50.0	50.0
73750	Other Services (Non IA Svcs)	Other services include printing of avalanche awareness posters, training materials, and AST search and rescue manual, and payments to search and rescuers for mission support, such as transport services.	1.1	1.5	1.5
73819	Commission Sales (IA Svcs)	State Travel Office State travel office fees.	0.2	0.3	0.3
73824	Aircraft (Interagency Services)	RSA with DNR for assistance with search and rescue missions.	114.9	245.0	245.0
73824	Aircraft (Interagency Services)	AK W-life Troopers RSA with DPS aircraft section for use of state aircraft	0.0	5.0	5.0

Line Item Detail
Department of Public Safety
Services

Component: Search and Rescue (513)

RDU: Alaska State Troopers (160)

Expenditure Account	Servicing Agency	Explanation	FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
73000 Services Detail Totals			168.4	381.8	381.8
	Aircraft Sect	during search and rescue missions.			

Line Item Detail
Department of Public Safety
Commodities

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

Line Number	Line Name		FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
74000	Commodities		73.2	127.5	127.5
Expenditure Account	Servicing Agency	Explanation	FY2015 Actuals	FY2016 Management Plan	FY2017 Governor
74000 Commodities Detail Totals			73.2	127.5	127.5
74200	Business	Business, office, photographic, computer supplies and educational subscriptions.	2.0	4.0	4.0
74480	Household & Instit.	Supplies consumed during search and rescue missions including field rations, food for volunteers, special protective clothing and blankets for victims.	9.9	10.0	10.0
74600	Safety (Commodities)	Safety and first-aid supplies.	0.6	11.0	11.0
74650	Repair/Maintenance (Commodities)	Repair/maintenance supplies, structural materials for constructing shelters, part and supplies for aircraft, snow machines, and four-wheelers for emergency repairs during search and rescue operations.	11.5	20.0	20.0
74850	Equipment Fuel	Emergency vehicle fuel for automobiles, four-wheelers, boats, aircraft, and snow machines used during search and rescue missions.	49.2	82.5	82.5

**Interagency Services
Department of Public Safety**

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

Expenditure Account	Service Description	Service Type	Servicing Agency	FY2015 Actuals	FY2016 Management Plan	FY2017 Governor	
73429	Sef F/C A87 Unallowd	A portion of State Equipment Fleet fixed cost services for equipment, Portion A87 unallowable.	Inter-dept	State Equipment Fleet Admin	0.0	4.0	4.0
				73429 Sef F/C A87 Unallowd subtotal:	0.0	4.0	4.0
73824	Aircraft (Interagency Services)	RSA with DNR for assistance with search and rescue missions.	Inter-dept		114.9	245.0	245.0
73824	Aircraft (Interagency Services)	RSA with DPS aircraft section for use of state aircraft during search and rescue missions.	Intra-dept	AK W-life Troopers Aircraft Sect	0.0	5.0	5.0
				73824 Aircraft (Interagency Services) subtotal:	114.9	250.0	250.0
				Search and Rescue total:	114.9	254.0	254.0
				Grand Total:	114.9	254.0	254.0