

**State of Alaska
FY2016 Governor Amended 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.
- Raise public awareness of avalanche hazards to improve the safety of skiers, snow machiners, and other winter recreationists in Alaska's backcountry areas.
- 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.
- Address topics such as recognition of avalanche-prone areas, hazard assessment, use of avalanche transceivers, essential safety equipment, trip planning, and emergency procedures in the event of a life-threatening avalanche.

Major Component Accomplishments in 2014

The Department of Public Safety (DPS) responded to 993 search and rescue related incidents in FY2014. These incidents included overdue hunters, snow machine, hikers, boaters, and medical evacuations off of the road system. After investigation of these incidents, 362 incidents required search and rescue resources. Within these 362 incidents, 683 persons were assisted, located, or recovered.

The department put two new Search and Rescue (SAR) helicopters into service during 2014, one in the interior (Fairbanks) and one in Southcentral (Anchorage) which was the replacement for Helo 1.

DPS and SAR partners statewide responded to 15 overdue aircraft reports and 52 emergency beacon alerts, as well as 25 reported aircraft crashes; these 25 incidents included 5 aircraft fatality crashes, 5 aircraft injury crashes, and 15 aircraft crashes involving property damage only.

The Department of Public Safety continues to support the Alaska Search and Rescue Association (ASARA), with training, coordination, and administrative support. During FY2014, ASARA continued to allocate funds for statewide training and equipment as dictated by their FY2011 state grant. As of July 2014, ASARA has spent nearly \$151,647 of the \$200,000 managed by the Department of Commerce and Economic Development; DPS continued to work frequently with ASARA's plan on strategic, effective use of the funds.

During FY2014, 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 in the following critical areas across the state included:

- * National Association for Search and Rescue (NASAR) Introduction to Search and Rescue classes
- * NASAR Fundamentals of Search and Rescue Training and Certification
- * Wilderness First Responder & Wilderness First Aid courses
- * Air operations survival
- * Wilderness survival training
- * NASAR Managing the Lost Person Incident training
- * Rescue, Travel, and Hazard Mitigation in Avalanche Terrain
- * Ice rescue training
- * Rigging for Rescue courses
- * Land navigation training

ASARA has begun an advanced search managers training program and response team. This program, referred to as the Alaska Incident Management Team (AIMT SAR), was developed with joint support of the ASARA Board of Directors and the SAR Coordinator. Alaska State Troopers 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. In FY2013, ASARA received a \$50,000 state grant for training and equipment specifically for the AIMT program. As of July 2014, ASARA has spent \$35,792 of those funds. In FY2014, ASARA received a \$50,000 state grant for specific equipment for an AIMT SAR deployment kit of which all funds have been spent.

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, 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. Search and rescue 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 search and rescues 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 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 paid to DPS.

State troopers make use of many DPS 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. However, following the March of 2013 crash of a DPS helicopter more stringent restrictions have been placed on flight operations to include daylight only operations.

Significant Changes in Results to be Delivered in FY2016

The Department of Public Safety 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.

The Department of Public Safety will continue to build quality relationships with local, state, and federal 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 disseminate information regarding homicides (AS 44.41.040)
Document and investigate missing persons (AS 18.65.610)

Contact Information
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**Search and Rescue
Component Financial Summary**

All dollars shown in thousands

	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	23.0	66.2	66.2
73000 Services	311.5	381.8	381.8
74000 Commodities	78.3	127.5	127.5
75000 Capital Outlay	0.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	412.8	575.5	575.5
Funding Sources:			
1004 General Fund Receipts	412.8	575.5	575.5
Funding Totals	412.8	575.5	575.5

Estimated Revenue Collections

Description	Master Revenue Account	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
Unrestricted Revenues				
Unrestricted Fund	68515	0.1	0.0	0.0
Unrestricted Total		0.1	0.0	0.0
Restricted Revenues				
None.		0.0	0.0	0.0
Restricted Total		0.0	0.0	0.0
Total Estimated Revenues		0.1	0.0	0.0

**Summary of Component Budget Changes
From FY2015 Management Plan to FY2016 Governor Amended**

All dollars shown in thousands

	<u>Unrestricted Gen (UGF)</u>	<u>Designated Gen (DGF)</u>	<u>Other Funds</u>	<u>Federal Funds</u>	<u>Total Funds</u>
FY2015 Management Plan	575.5	0.0	0.0	0.0	575.5
FY2016 Governor Amended	575.5	0.0	0.0	0.0	575.5

Component Detail All Funds
Department of Public Safety

Component: Search and Rescue (AR46900) (513)
RDU: Alaska State Troopers (160)

	FY2014 Actuals	FY2015 Conference Committee	FY2015 Authorized	FY2015 Management Plan	FY2016 Governor Amended	FY2015 Management Plan vs FY2016 Governor Amended	
71000 Personal Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
72000 Travel	23.0	68.6	66.2	66.2	66.2	0.0	0.0%
73000 Services	311.5	381.8	381.8	381.8	381.8	0.0	0.0%
74000 Commodities	78.3	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	412.8	577.9	575.5	575.5	575.5	0.0	0.0%
Fund Sources:							
1004Gen Fund (UGF)	412.8	577.9	575.5	575.5	575.5	0.0	0.0%
Unrestricted General (UGF)	412.8	577.9	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 FY2015 Conference Committee To FY2015 Authorized *****												
FY2015 Conference Committee												
1004 Gen Fund	ConfCom	577.9	0.0	68.6	381.8	127.5	0.0	0.0	0.0	0	0	0
		577.9										
***** Changes From FY2015 Authorized To FY2015 Management Plan *****												
Align Authority for Agency-wide Reduction												
1004 Gen Fund	Unalloc	-2.4	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0	0	0
		-2.4										
Distribute unallocated agency-wide travel reduction: Sec1, Ch16, SLA2014, P33, L9												
Subtotal		575.5	0.0	66.2	381.8	127.5	0.0	0.0	0.0	0	0	0
***** Changes From FY2015 Authorized To FY2015 Management Plan *****												
Subtotal		575.5	0.0	66.2	381.8	127.5	0.0	0.0	0.0	0	0	0
***** Changes From FY2015 Management Plan To FY2016 Governor Amended *****												
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		FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
72000	Travel		23.0	66.2	66.2
Expenditure Account	Servicing Agency	Explanation	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
72000 Travel Detail Totals			23.0	66.2	66.2
72110	Employee Travel (Instate)	Employee transportation costs for search and rescue missions; costs to attend trainings.	9.8	42.2	42.2
72120	Nonemployee Travel (Instate Travel)	Travel costs for private citizens and other law enforcement officers who assist in search and rescue missions.	8.8	20.0	20.0
72410	Employee Travel (Out of state)	Attend national search and rescue conferences and training events.	4.4	4.0	4.0

Line Item Detail
Department of Public Safety
Services

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

Line Number	Line Name		FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
73000	Services		311.5	381.8	381.8
Expenditure Account	Servicing Agency	Explanation	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
73000 Services Detail Totals			311.5	381.8	381.8
73025	Education Services	Avalanche public education training courses, conferences, workshops, and memberships.	14.0	25.0	25.0
73150	Information Technlgy	Software licensing.	0.3	0.5	0.5
73156	Telecommunication	Cellular and other wireless services.	0.6	1.0	1.0
73225	Delivery Services	Delivery services.	0.2	0.2	0.2
73429	Sef F/C A87 Unallowd	State Equipment Fleet - Fixed cost services for Equipment Replacement	0.2	0.2	0.2
73450	Advertising & Promos	Avalanche awareness advertising.	0.0	4.0	4.0
73525	Utilities	Utility costs (such as Propane) in support of search & rescue missions.	0.1	0.1	0.1
73650	Struc/Infstruct/Land	Room/Space rentals for conference and meetings.	0.4	0.5	0.5
73676	Repairs/Maint. (Non IA-Eq/Machinery)	Minor repairs to snow machines, four-wheelers, and other search and rescue equipment used during missions.	8.1	8.0	8.0
73686	Rentals/Leases (Non IA-Eq/Machinery)	Aircraft and/or helicopter charters for search & rescue missions and aircraft/equipment repairs.	42.0	90.0	90.0
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.	1.5	2.0	2.0
73819	Commission Sales (IA Svcs)	State travel office fees.	0.2	0.3	0.3
73824	Aircraft (Interagency Services)	AK W-life Troopers Aircraft Sect	243.9	245.0	245.0
73824	Aircraft (Interagency Services)	Fire Suppression Activity	0.0	5.0	5.0

Line Item Detail
Department of Public Safety
Commodities

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

Line Number	Line Name		FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
74000	Commodities		78.3	127.5	127.5
Expenditure Account	Servicing Agency	Explanation	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
74000 Commodities Detail Totals			78.3	127.5	127.5
74200	Business	Consumable office supplies used for developing training materials.	1.8	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.	5.1	10.0	10.0
74600	Safety (Commodities)	Safety, search and rescue supplies, and first-aid supplies.	1.1	11.0	11.0
74650	Repair/Maintenance (Commodities)	Repair and maintenance supplies, structural materials for constructing shelters, parts and supplies for aircraft, snow machines, and four-wheelers for emergency repairs during search and rescue operations.	11.4	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.	58.9	82.5	82.5

Unrestricted Revenue Detail
Department of Public Safety

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

Master Account	Revenue Description				FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
68515	Unrestricted Fund				0.1	0.0	0.0
Detail Information							
Revenue Amount	Revenue Description	Component	Collocation Code	AKSAS Fund	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended
66190	Py Reimburse Recvry				0.1	0.0	0.0

**Interagency Services
Department of Public Safety**

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

Expenditure Account	Service Description	Service Type	Servicing Agency	FY2014 Actuals	FY2015 Management Plan	FY2016 Governor Amended	
73429	Sef F/C A87 Unallowd	State Equipment Fleet - Fixed cost services for Equipment Replacement	Inter-dept	0.2	0.2	0.2	
73429 Sef F/C A87 Unallowd subtotal:				0.2	0.2	0.2	
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	243.9	245.0	245.0
73824	Aircraft (Interagency Services)	RSA with DNR for assistance with search & rescue missions.	Inter-dept	Fire Suppression Activity	0.0	5.0	5.0
73824 Aircraft (Interagency Services) subtotal:				243.9	250.0	250.0	
Search and Rescue total:				244.1	250.2	250.2	
Grand Total:				244.1	250.2	250.2	