

State of Alaska FY2014 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 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.
- Fund 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 2012

- Aircraft related cases investigated – 35
- Overdue hiker cases investigated – 45
- Overdue boater cases investigated – 106
- Overdue motorist cases investigated – 81
- Overdue snow machine cases investigated – 104
- Search and Rescues – 305

The Department of Public Safety responded to 676 incidents for FY2012, 1,070 people were assisted, located or recovered. Of the 676 incidents, 305 resulted in a search and rescue; 498 persons were rescued or recovered during those operations.

The Department of Public Safety continues to support the Alaska Search and Rescue Association (ASARA), with training, coordination and administrative support. During FY2012, ASARA continued to responsibly spend state funding received specifically for training in 2010. As of end of FY2012, ASARA has spent nearly \$85,000 of the \$200,000 managed by the Department of Commerce and Economic Development; the Alaska State Troopers continue to work frequently with ASARA's plan on strategic, effective use of the grant.

During FY2012, volunteers, facilitated by ASARA, received training under these programs, 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 have been identified:

- * High angle rescue training
- * Search and Rescue II and III training
- * Man-Tracking / Track Awareness and Advanced Tracking courses
- * Air operations survival
- * Wilderness survival training
- * K-9 tracking and searching courses
- * Avalanche training
- * Rope rescue training

ASARA has begun an advanced search managers training program. This training program referred to as the Alaska Incident Management Team (AIMT), has developed with joint support of the ASARA Board of Directors and the State Search and Rescue (SAR) coordinator. Alaska State Troopers recognize the need for highly trained individuals with capabilities to manage multi-operational period searches. With ASARA's support, AST would like to develop Incident Command System (ICS) capabilities across the state of Alaska. Members of the Alaska Incident Management Team for SAR will specialize in the Incident Command System, additional search and rescue management techniques and support.

Volunteer groups have increased their skill levels substantially 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), Division of Alaska State Troopers (AST), 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 AST provides technical expertise and support to local police departments, during search and rescue, AST bears sole responsibility for land-based services regardless of location. To perform this function, roles are somewhat reversed. AST receives assistance from local and volunteer agencies, but remains responsible for the search and rescue. Search and rescue missions are unpredictable and require immediate response to assure public safety. Search and rescue decisions are not based upon availability of funds, but upon the likelihood of mission success under acceptable (safety for searchers being the foremost concern) search conditions.

As the civil authority for Alaska search and rescue, AST must exhaust all available resources prior to requesting military assistance through the 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 AST 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. However, AST must first rely on its own assets, paid from the search and rescue budget. 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 AST on search and rescue. When those resources are unavailable or unable to make the most effective rescue, AST will turn to the military for assistance. Maritime and inland searches involving Coast Guard or Air Force assets are not traditionally billed to AST.

State troopers make use of many of DPS's aviation assets during search and rescue operations. The most effective asset in particular is the division's sole day-and-night (IFR) capable helicopter based in Anchorage. However, due to flight range limits, it is unavailable in most other areas of the state.

Significant Changes in Results to be Delivered in FY2014

The Alaska State Troopers will continue to support the volunteer organizations with training, coordination of activities, and increased participation in joint activities statewide. Since filling the training specialist position, the Alaska State Troopers are now able to provide increased training of Alaska State Troopers, Alaska Wildlife Troopers, and volunteer search and rescue organizations across the state.

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

	FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	48.0	68.6	68.6
73000 Services	376.7	381.8	381.8
74000 Commodities	154.1	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	578.8	577.9	577.9
Funding Sources:			
1004 General Fund Receipts	578.8	577.9	577.9
Funding Totals	578.8	577.9	577.9

**Summary of Component Budget Changes
From FY2013 Management Plan to FY2014 Governor**

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>
FY2013 Management Plan	577.9	0.0	0.0	0.0	577.9
FY2014 Governor	577.9	0.0	0.0	0.0	577.9

Component Detail All Funds
Department of Public Safety

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

	FY2012 Actuals	FY2013 Conference Committee	FY2013 Authorized	FY2013 Management Plan	FY2014 Governor	FY2013 Management Plan vs FY2014 Governor	
71000 Personal Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
72000 Travel	48.0	68.6	68.6	68.6	68.6	0.0	0.0%
73000 Services	376.7	381.8	381.8	381.8	381.8	0.0	0.0%
74000 Commodities	154.1	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	578.8	577.9	577.9	577.9	577.9	0.0	0.0%
Fund Sources:							
1004 Gen Fund (UGF)	578.8	577.9	577.9	577.9	577.9	0.0	0.0%
Unrestricted General (UGF)	578.8	577.9	577.9	577.9	577.9	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 FY2013 Conference Committee To FY2013 Authorized *****												
FY2013 Conference Committee	ConfCom	577.9	0.0	68.6	381.8	127.5	0.0	0.0	0.0	0	0	0
1004 Gen Fund		577.9										
Subtotal		577.9	0.0	68.6	381.8	127.5	0.0	0.0	0.0	0	0	0
***** Changes From FY2013 Authorized To FY2013 Management Plan *****												
Subtotal		577.9	0.0	68.6	381.8	127.5	0.0	0.0	0.0	0	0	0
***** Changes From FY2013 Management Plan To FY2014 Governor *****												
Totals		577.9	0.0	68.6	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	FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
72000	Travel	48.0	68.6	68.6

Expenditure Account	Servicing Agency	Explanation	FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
72000 Travel Detail Totals			48.0	68.6	68.6
72110	Employee Travel (Instate)	Employee transportation costs for search and rescue missions; costs to attend trainings.	26.9	44.6	44.6
72120	Nonemployee Travel (Instate Travel)	Travel costs for private citizens and other law enforcement officers who assist in search and rescue missions.	17.5	20.0	20.0
72410	Employee Travel (Out of state)	Attend national search and rescue conferences and training events.	1.8	4.0	4.0
72420	Nonemployee Travel (Out of state Emp)	Attend national search and rescue conferences and training events.	1.8	0.0	0.0

Line Item Detail
Department of Public Safety
Services

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

Line Number	Line Name		FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
73000	Services		376.7	381.8	381.8
Expenditure Account	Servicing Agency	Explanation	FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
73000 Services Detail Totals			376.7	381.8	381.8
73025	Education Services	Avalanche public education training courses, conferences, and workshops.	28.3	26.0	26.0
73156	Telecommunication	Cellular and other wireless services.	1.3	2.0	2.0
73450	Advertising & Promos	Avalanche awareness advertising.	0.0	5.0	5.0
73650	Struc/Infstruct/Land	Equipment repair and maintenance.	0.1	0.0	0.0
73675	Equipment/Machinery	Aircraft and/or helicopter charters for search & rescue missions and aircraft/equipment repairs.	118.7	127.5	127.5
73676	Repairs/Maint. (Non IA-Eq/Machinery)	Minor repairs to snowmachines, four-wheelers, and other search and rescue equipment used during missions.	0.0	8.0	8.0
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.	0.4	3.0	3.0
73819	Commission Sales (IA Svcs)	State travel office fees.	0.1	0.3	0.3
73824	Aircraft (Interagency Services)	AK W-life Troopers Aircraft Sect RSA with DPS aircraft section for use of state aircraft during search and rescue missions.	222.7	205.0	205.0
73824	Aircraft (Interagency Services)	Fire Suppression Activity RSA with DNR for assistance with search & rescue missions.	5.1	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		FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
74000	Commodities		154.1	127.5	127.5
Expenditure Account	Servicing Agency	Explanation	FY2012 Actuals	FY2013 Management Plan	FY2014 Governor
74000 Commodities Detail Totals			154.1	127.5	127.5
74200	Business	Consumable office supplies used for developing training materials.	8.1	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.	10.3	10.0	10.0
74600	Safety (Commodities)	Safety, search and rescue supplies, and first-aid supplies.	14.7	11.0	11.0
74650	Repair/Maintenance (Commodities)	Repair and maintenance supplies, structural materials for constructing shelters, parts and supplies for aircraft, snowmachines, and four-wheelers for emergency repairs during search and rescue operations.	20.6	20.0	20.0
74850	Equipment Fuel	Emergency vehicle fuel for automobiles, four-wheelers, boats, aircraft, and snowmachines used during search and rescue missions.	100.4	82.5	82.5

Inter-Agency Services
Department of Public Safety

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

Expenditure Account	Service Description	Service Type	Servicing Agency	FY2012 Actuals	FY2013		FY2014 Governor
					Management Plan		
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	222.7	205.0	205.0
73824	Aircraft (Interagency Services)	RSA with DNR for assistance with search & rescue missions.	Inter-dept	Fire Suppression Activity	5.1	5.0	5.0
73824 Aircraft (Interagency Services) subtotal:				227.8	210.0	210.0	
Search and Rescue total:				227.8	210.0	210.0	
Grand Total:				227.8	210.0	210.0	