

# **State of Alaska FY2015 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.
- 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 2013

The Department of Public Safety responded to 715 search and rescue related incidents in FY2013. These incidents included overdue hunters, motorists, snow machines, hikers, boaters, aircraft crashes, and medical evacuations off of the road system. After investigation of these incidents, 397 incidents required search and rescue resources. Within these 397 incidents, 640 persons were assisted, located, or recovered.

DPS and SAR partners statewide responded to an additional 11 overdue aircraft reports and 37 emergency beacon alerts. DPS and SAR partners responded to 39 reported aircraft crashes; these 39 incidents included 11 aircraft fatality crashes, 9 aircraft injury crashes, and 19 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 FY2013, ASARA continued to responsibly spend state funding received specifically for training. As of the end of FY2013, ASARA has spent nearly \$108,004 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 FY2013, 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:

- \* NASAR FUNSAR and SAR Tech II Course – fundamental land search and rescue skills

- \* Wilderness First Responder & Wilderness First Aid courses – emergency backcountry medical training
- \* Air operations survival
- \* Wilderness survival training
- \* K-9 tracking and searching courses - Fairbanks
- \* Managing the lost person incident NASAR training
- \* Rescue, travel, and hazard mitigation in avalanche terrain training in Juneau, Kodiak, Anchorage, Girdwood, and Mat-Su.
- \* 25 ASARA members from around the state attended the International Snow Science Workshop held in Anchorage, AK.
- \* Ice rescue training.
- \* Rigging for Rescue courses (2) held in southeast Alaska - high angle rigging and technical rope rescue courses.
- \* Land navigation 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 increased their skill levels substantially 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 the end of FY2013, ASARA has spent \$14,957 of those funds.

### **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. 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 has been the division's sole day-and-night (IFR) capable A-Star helicopter based in Anchorage. However, in March of 2013 this helicopter crashed during a nighttime search and rescue in the Talkeetna area, killing the primary pilot and state trooper observer. This helicopter has been replaced, but more stringent restrictions have been placed on flight operations to include daylight only operations. Due to flight range limits, this asset is usually used only in the south-central area of the state.

### **Significant Changes in Results to be Delivered in FY2015**

The delivery of a second A-Star search and rescue helicopter for the Fairbanks area is expected at the end of

calendar year 2013. This resource will significantly increase DPS capabilities to effect search and rescue in the interior region, an area of the state with few helicopters available.

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)

<b>Contact Information</b>
<p><b>Contact:</b> Dan Spencer, Director, Administrative Services <b>Phone:</b> (907) 465-5488 <b>Fax:</b> (907) 465-4362 <b>E-mail:</b> danial.spencer@alaska.gov</p>

Search and Rescue Component Financial Summary			
		<i>All dollars shown in thousands</i>	
	FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	17.9	68.6	68.6
73000 Services	414.0	381.8	381.8
74000 Commodities	160.9	127.5	127.5
75000 Capital Outlay	245.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>837.8</b>	<b>577.9</b>	<b>577.9</b>
<b>Funding Sources:</b>			
1004 General Fund Receipts	837.8	577.9	577.9
<b>Funding Totals</b>	<b>837.8</b>	<b>577.9</b>	<b>577.9</b>

Estimated Revenue Collections				
Description	Master Revenue Account	FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
<b>Unrestricted Revenues</b>				
Unrestricted Fund	68515	0.9	0.0	0.0
<b>Unrestricted Total</b>		<b>0.9</b>	<b>0.0</b>	<b>0.0</b>
<b>Restricted Revenues</b>				
None.		0.0	0.0	0.0
<b>Restricted Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Estimated Revenues</b>		<b>0.9</b>	<b>0.0</b>	<b>0.0</b>

**Summary of Component Budget Changes  
From FY2014 Management Plan to FY2015 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>
<b>FY2014 Management Plan</b>	<b>577.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>577.9</b>
<b>FY2015 Governor</b>	<b>577.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>577.9</b>

**Component Detail All Funds**  
**Department of Public Safety**

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

	<b>FY2013 Actuals</b>	<b>FY2014 Conference Committee</b>	<b>FY2014 Authorized</b>	<b>FY2014 Management Plan</b>	<b>FY2015 Governor</b>	<b>FY2014 Management Plan vs FY2015 Governor</b>	
71000 Personal Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
72000 Travel	17.9	68.6	68.6	68.6	68.6	0.0	0.0%
73000 Services	414.0	381.8	381.8	381.8	381.8	0.0	0.0%
74000 Commodities	160.9	127.5	127.5	127.5	127.5	0.0	0.0%
75000 Capital Outlay	245.0	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%
<b>Totals</b>	<b>837.8</b>	<b>577.9</b>	<b>577.9</b>	<b>577.9</b>	<b>577.9</b>	<b>0.0</b>	<b>0.0%</b>
<b>Fund Sources:</b>							
1004Gen Fund (UGF)	837.8	577.9	577.9	577.9	577.9	0.0	0.0%
<b>Unrestricted General (UGF)</b>	<b>837.8</b>	<b>577.9</b>	<b>577.9</b>	<b>577.9</b>	<b>577.9</b>	<b>0.0</b>	<b>0.0%</b>
<b>Designated General (DGF)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0%</b>
<b>Other Funds</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0%</b>
<b>Federal Funds</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0%</b>
<b>Positions:</b>							
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 FY2014 Conference Committee To FY2014 Authorized *****												
FY2014 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										
<b>Subtotal</b>		<b>577.9</b>	<b>0.0</b>	<b>68.6</b>	<b>381.8</b>	<b>127.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>
***** Changes From FY2014 Authorized To FY2014 Management Plan *****												
<b>Subtotal</b>		<b>577.9</b>	<b>0.0</b>	<b>68.6</b>	<b>381.8</b>	<b>127.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>
***** Changes From FY2014 Management Plan To FY2015 Governor *****												
<b>Totals</b>		<b>577.9</b>	<b>0.0</b>	<b>68.6</b>	<b>381.8</b>	<b>127.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Line Item Detail**  
**Department of Public Safety**  
**Travel**

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

<b>Line Number</b>	<b>Line Name</b>	<b>FY2013 Actuals</b>	<b>FY2014 Management Plan</b>	<b>FY2015 Governor</b>
72000	Travel	17.9	68.6	68.6

<b>Expenditure Account</b>	<b>Servicing Agency</b>	<b>Explanation</b>	<b>FY2013 Actuals</b>	<b>FY2014 Management Plan</b>	<b>FY2015 Governor</b>
<b>72000 Travel Detail Totals</b>			<b>17.9</b>	<b>68.6</b>	<b>68.6</b>
72110	Employee Travel (Instate)	Employee transportation costs for search and rescue missions; costs to attend trainings.	11.5	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.	2.5	20.0	20.0
72410	Employee Travel (Out of state)	Attend national search and rescue conferences and training events.	3.9	4.0	4.0
72420	Nonemployee Travel (Out of state Emp)	Attend national search and rescue conferences and training events.	0.0	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		FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
73000	Services		414.0	381.8	381.8
Expenditure Account	Servicing Agency	Explanation	FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
<b>73000 Services Detail Totals</b>			<b>414.0</b>	<b>381.8</b>	<b>381.8</b>
73025	Education Services	Avalanche public education training courses, conferences, and workshops.	27.0	26.0	26.0
73150	Information Technlgy	Software licensing.	0.3	0.0	0.0
73156	Telecommunication	Cellular and other wireless services.	1.1	2.0	2.0
73175	Health Services	Health services.	0.3	0.0	0.0
73225	Delivery Services	Delivery services.	3.1	0.0	0.0
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.	106.2	127.5	127.5
73676	Repairs/Maint. (Non IA-Eq/Machinery)	Minor repairs to snow machines, four-wheelers, and other search and rescue equipment used during missions.	0.6	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, such as transport services.	1.0	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	274.2	205.0	205.0
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		FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
74000	Commodities		160.9	127.5	127.5
Expenditure Account	Servicing Agency	Explanation	FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
<b>74000 Commodities Detail Totals</b>			<b>160.9</b>	<b>127.5</b>	<b>127.5</b>
74200	Business	Consumable office supplies used for developing training materials.	5.2	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.	11.5	10.0	10.0
74600	Safety (Commodities)	Safety, search and rescue supplies, and first-aid supplies.	11.7	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.	17.3	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.	115.2	82.5	82.5

**Line Item Detail**  
**Department of Public Safety**  
**Capital Outlay**

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

Line Number	Line Name		FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
75000	Capital Outlay		245.0	0.0	0.0
Expenditure Account	Servicing Agency	Explanation	FY2013 Actuals	FY2014 Management Plan	FY2015 Governor
<b>75000 Capital Outlay Detail Totals</b>			<b>245.0</b>	<b>0.0</b>	<b>0.0</b>
75751	Aircraft (Capital Outlay - Equipment)	Aircraft purchase	245.0	0.0	0.0

**Unrestricted Revenue Detail**  
**Department of Public Safety**

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

<b>Master Account</b>	<b>Revenue Description</b>				<b>FY2013 Actuals</b>	<b>FY2014 Management Plan</b>	<b>FY2015 Governor</b>
68515	Unrestricted Fund				0.9	0.0	0.0
<b>Detail Information</b>							
<b>Revenue Amount</b>	<b>Revenue Description</b>	<b>Component</b>	<b>Collocation Code</b>	<b>AKSAS Fund</b>	<b>FY2013 Actuals</b>	<b>FY2014 Management Plan</b>	<b>FY2015 Governor</b>
66190	Py Reimburse Recvry				0.9	0.0	0.0

**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	FY2013 Actuals	FY2014		
					Management Plan	FY2015 Governor	
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	274.2	205.0	205.0
73824	Aircraft (Interagency Services)	RSA with DNR for assistance with search & rescue missions.	Inter-dept	Fire Suppression Activity	0.0	5.0	5.0
<b>73824 Aircraft (Interagency Services) subtotal:</b>				<b>274.2</b>	<b>210.0</b>	<b>210.0</b>	
<b>Search and Rescue total:</b>				<b>274.2</b>	<b>210.0</b>	<b>210.0</b>	
<b>Grand Total:</b>				<b>274.2</b>	<b>210.0</b>	<b>210.0</b>	