

State of Alaska FY2011 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.

Key Component Challenges

The Department of Public Safety, Division of Alaska State Troopers (AST), is the only state agency that is statutorily required to provide search and rescue operations for lost or missing, as well as deceased persons, on land. The U.S. Coast Guard has responsibility for search and rescues at sea, and frequently assists with searches along Alaska's coastline. The U.S. Air Force, assisted by the Civil Air Patrol, has responsibility for searches for downed or missing aircraft, and like the Coast Guard, frequently assists with aerial searches for individuals lost on land. Unlike criminal and traffic enforcement, and investigations where AST provides technical expertise and support to local police departments, AST bears sole responsibility for land-based search and rescue 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, even within municipalities and on military reservations.

Because of the environment in which Alaskans live and play, every search and rescue event is treated as an emergency. By definition, search and rescue missions are unpredictable, and require immediate response to assure public safety. If expenses related to search and rescue activity exceed available funds, additional funding has to be located, since the need to respond rapidly to search and rescue events does not end just because funds are used up. Search and rescue decisions are not based upon availability of funds, but upon the likelihood of mission success under acceptable (safety for searchers being a paramount concern) search conditions.

Maritime searches involving Coast Guard helicopters are not billed to AST; however, under certain circumstances inland searches involving National Guard helicopters are billed to AST and are quite expensive. Whenever possible, AST mitigates these expenses through reliance on DPS aircraft and the use of volunteer resources such as the Civil Air Patrol.

AST makes use of many of DPS's aviation assets during search and rescue operations. In particular, the division's sole

day-and-night (IFR) capable helicopter is located in Anchorage. Due to its limited range, it is unavailable in most other areas of the state. FY2009 saw a significant increase in cost for aviation assets related to Search and Rescue.

Significant Changes in Results to be Delivered in FY2011

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

Major Component Accomplishments in 2009

- Aircraft related cases investigated – 34
- Overdue hiker cases investigated – 40
- Overdue boater cases investigated – 79
- Overdue motorist cases investigated – 98
- Overdue snow machine cases investigated – 137
- Other search and rescue cases investigated – 382

The Department of Public Safety responded to 770 search and rescue related cases in FY2009. In these cases, 314 people were rescued.

The Department of Public Safety continues to support the Alaska Search and Rescue Association (ASARA), with coordination and administrative support. During FY2009, ASARA was able to obtain a grant for interoperable communications to purchase radio equipment to improve their ability to communicate statewide with the assistance of the Alaska State Troopers.

ASARA continues to facilitate training in the following critical areas across the state:

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

During FY2009, volunteers received training under these programs, along with organized semiannual training exercises to ensure operational proficiency within the search and rescue arena.

Volunteer groups have increased their skill levels substantially and have expanded their activities across the state to further the mission of the department.

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)
Controlled Substances (AS 11.71.010 - AS 11.71.900)
Judicial Services (AS 22.20.100 - AS 22.20.140)
Prisoner Transportation (AS 33.30.071 and AS 33.30.081)
Search & Rescue (AS 18.60.115 - AS 18.60.175)
Village Public Safety Officer Definition (AS 01.10.060(c)(7)(C))

VPSO Program (AS 18.65.670)
VPSO Regulations (13 AAC 96.010-900)
Concealed Handgun Permits (AS 18.65.700)
Security Guard Licensing (AS 18.65.400 - AS 18.65.410)
Sex Offender Registration (AS 12.63.010 - AS 12.63.100)
Central Registry of Sex Offenders (AS 18.65.087)
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)
Investigate fires resulting from crimes (AS 18.70.030)
Investigate sexual assault and child exploitation (AS 18.65.086)
DUI Forfeiture Requirements (AS 28.35.036-.037)
DPS DNA collection and registration requirements (AS 44.41.035)
Duty of Law Enforcement to Provide VCCB information (AS 18.67.175)
Rights of Crime Victims to be notified orally and in writing by Law Enforcement (AS 12.61.010)
Aeronautics (AS 02)
Criminal (AS 11)
Environment (AS 46)
Fish & Game (AS 16)
Fish & Game (5 AAC)
Guide/Outfitting (12 AAC)
Guide/Outfitting (AS 08)
Health & Safety (AS 18)
Limited Entry (20 AAC)
State Government (AS 44)
Training (13 AAC 85)
Training (AS 44.41.020(a))

Contact Information

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**Search and Rescue
Component Financial Summary**

All dollars shown in thousands

| | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
|--------------------------------|----------------|---------------------------|-----------------|
| Non-Formula Program: | | | |
| Component Expenditures: | | | |
| 71000 Personal Services | 0.0 | 0.0 | 0.0 |
| 72000 Travel | 18.5 | 68.6 | 68.6 |
| 73000 Services | 335.0 | 191.8 | 381.8 |
| 74000 Commodities | 118.2 | 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 | 471.7 | 387.9 | 577.9 |
| Funding Sources: | | | |
| 1004 General Fund Receipts | 471.7 | 387.9 | 577.9 |
| Funding Totals | 471.7 | 387.9 | 577.9 |

**Summary of Component Budget Changes
From FY2010 Management Plan to FY2011 Governor**

All dollars shown in thousands

| | <u>General Funds</u> | <u>Federal Funds</u> | <u>Other Funds</u> | <u>Total Funds</u> |
|--|----------------------|----------------------|--------------------|--------------------|
| FY2010 Management Plan | 387.9 | 0.0 | 0.0 | 387.9 |
| Adjustments which will continue current level of service: | | | | |
| -Transfer general funds from Aircraft Section for aircraft charters | 190.0 | 0.0 | 0.0 | 190.0 |
| FY2011 Governor | 577.9 | 0.0 | 0.0 | 577.9 |

Component Detail All Funds
Department of Public Safety

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

| | FY2009 Actuals | FY2010 Conference Committee | FY2010 Authorized | FY2010 Management Plan | FY2011 Governor | FY2010 Management Plan vs FY2011 Governor | |
|-------------------------|-----------------------|------------------------------------|--------------------------|-------------------------------|------------------------|--|--------------|
| 71000 Personal Services | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0% |
| 72000 Travel | 18.5 | 68.6 | 68.6 | 68.6 | 68.6 | 0.0 | 0.0% |
| 73000 Services | 335.0 | 191.8 | 191.8 | 191.8 | 381.8 | 190.0 | 99.1% |
| 74000 Commodities | 118.2 | 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 | 471.7 | 387.9 | 387.9 | 387.9 | 577.9 | 190.0 | 49.0% |
| Fund Sources: | | | | | | | |
| 1004 Gen Fund | 471.7 | 387.9 | 387.9 | 387.9 | 577.9 | 190.0 | 49.0% |
| General Funds | 471.7 | 387.9 | 387.9 | 387.9 | 577.9 | 190.0 | 49.0% |
| Federal Funds | 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% |
| 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 FY2010 Conference Committee To FY2010 Authorized ***** | | | | | | | | | | | | |
| FY2010 Conference Committee | | | | | | | | | | | | |
| ConfCom | | 387.9 | 0.0 | 68.6 | 191.8 | 127.5 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| 1004 Gen Fund | | 387.9 | | | | | | | | | | |
| Subtotal | | 387.9 | 0.0 | 68.6 | 191.8 | 127.5 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| ***** Changes From FY2010 Authorized To FY2010 Management Plan ***** | | | | | | | | | | | | |
| Subtotal | | 387.9 | 0.0 | 68.6 | 191.8 | 127.5 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| ***** Changes From FY2010 Management Plan To FY2011 Governor ***** | | | | | | | | | | | | |
| Transfer general funds from Aircraft Section for aircraft charters | | | | | | | | | | | | |
| Trin | | 190.0 | 0.0 | 0.0 | 190.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| 1004 Gen Fund | | 190.0 | | | | | | | | | | |
| Totals | | 577.9 | 0.0 | 68.6 | 381.8 | 127.5 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |

This change record transfers general funds from Aircraft Section to Search and Rescue to cover the cost of state-operated aircraft charters. The aircraft section charges state agencies for use of its aircraft fleet through an approved cost allocation rate. Over the past couple of years, search and rescue and prisoner transportation charter costs have increased due to both increased usage as well as costs. In the overall scheme, the expenses for the aircraft section remain relatively constant, however, the funding source may change based on who uses the aircraft. Because the aircraft section's funding is a mix of general funds and interagency receipts, as RSA funding is increased vs. intra-division general funded use, general funds become available to transfer to the other components to pay for their use of state aircraft within DPS. This transfer eliminates the need for increments in prisoner transport and search and rescue components.

The aircraft section has sufficient interagency receipt authority to receive these funds back as payment for charters.

Line Item Detail
Department of Public Safety
Travel

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

| Line Number | Line Name | | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
|-----------------------------------|-------------------------------------|--|----------------|------------------------|-----------------|
| 72000 | Travel | | 18.5 | 68.6 | 68.6 |
| Expenditure Account | Servicing Agency | Explanation | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
| 72000 Travel Detail Totals | | | 18.5 | 68.6 | 68.6 |
| 72110 | Employee Travel (Instate) | Employee transportation costs for search and rescue missions; costs to attend trainings. | 10.4 | 50.0 | 50.0 |
| 72120 | Nonemployee Travel (Instate Travel) | Travel costs for private citizens and other law enforcement officers who assist in search and rescue missions. | 3.0 | 15.0 | 15.0 |
| 72410 | Employee Travel (Out of state) | Attend national search and rescue conferences and training events. | 5.1 | 3.6 | 3.6 |

Line Item Detail
Department of Public Safety
Services

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

| Line Number | Line Name | | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
|-------------------------------------|--------------------------------------|--|----------------|------------------------|-----------------|
| 73000 | Services | | 335.0 | 191.8 | 381.8 |
| Expenditure Account | Servicing Agency | Explanation | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
| 73000 Services Detail Totals | | | 335.0 | 191.8 | 381.8 |
| 73025 | Education Services | Avalanche public education training courses, conferences, and workshops. | 35.0 | 20.0 | 20.0 |
| 73075 | Legal & Judicial Svc | Case costs. | 0.0 | 0.0 | 0.0 |
| 73156 | Telecommunication | Cellular and other wireless services. | 1.5 | 1.7 | 1.7 |
| 73450 | Advertising & Promos | Avalanche awareness advertising. | 0.0 | 10.0 | 5.0 |
| 73676 | Repairs/Maint. (Non IA-Eq/Machinery) | Minor repairs to snowmachines, four-wheelers, and other search and rescue equipment used during missions. | 1.0 | 7.0 | 7.0 |
| 73688 | Aircraft (Non-IA Rentals/Leases) | Aircraft and helicopter charters for search and rescue missions. | 53.2 | 55.0 | 20.0 |
| 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. | 2.6 | 3.0 | 3.0 |
| 73819 | Commission Sales (IA Svcs) | State travel office fees. | 0.2 | 0.1 | 0.1 |
| 73824 | Aircraft (Interagency Services) | PubSaf - AK W-life Troopers Aircraft Sect RSA with DPS aircraft section for use of state aircraft during search and rescue missions. | 238.1 | 95.0 | 325.0 |
| 73825 | Marine (IA Svcs) | Comm Fish Special Projects RSA with Dept of Fish and Game for search and rescue assistance using research vessel Medeia to locate a missing plane. | 3.4 | 0.0 | 0.0 |

Line Item Detail
Department of Public Safety
Commodities

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

| Line Number | Line Name | | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
|--|----------------------------------|--|----------------|------------------------|-----------------|
| 74000 | Commodities | | 118.2 | 127.5 | 127.5 |
| Expenditure Account | Servicing Agency | Explanation | FY2009 Actuals | FY2010 Management Plan | FY2011 Governor |
| 74000 Commodities Detail Totals | | | 118.2 | 127.5 | 127.5 |
| 74200 | Business | Consumable office supplies used for developing training materials. | 4.3 | 2.5 | 2.5 |
| 74480 | Household & Instit. | Supplies consumed during search and rescue missions including field rations, food for volunteers, special protective clothing, and blankets for victims. | 6.2 | 14.0 | 14.0 |
| 74600 | Safety (Commodities) | Safety, search and rescue supplies, and first-aid supplies. | 2.5 | 3.0 | 3.0 |
| 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. | 22.5 | 20.0 | 20.0 |
| 74850 | Equipment Fuel | Emergency vehicle fuel for automobiles, four-wheelers, boats, aircraft, and snowmachines used during search and rescue missions. | 82.7 | 88.0 | 88.0 |

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 | FY2009 Actuals | FY2010 | | |
|--|---------------------------------|---|------------------|---|-----------------|-----------------|--------------|
| | | | | | Management Plan | FY2011 Governor | |
| 73824 | Aircraft (Interagency Services) | RSA with DPS aircraft section for use of state aircraft during search and rescue missions. | Intra-dept | PubSaf - AK W-life Troopers Aircraft Sect | 238.1 | 95.0 | 325.0 |
| 73824 Aircraft (Interagency Services) subtotal: | | | | | 238.1 | 95.0 | 325.0 |
| 73825 | Marine (IA Svcs) | RSA with Dept of Fish and Game for search and rescue assistance using research vessel Medeia to locate a missing plane. | Inter-dept | Comm Fish Special Projects | 3.4 | 0.0 | 0.0 |
| 73825 Marine (IA Svcs) subtotal: | | | | | 3.4 | 0.0 | 0.0 |
| Search and Rescue total: | | | | | 241.5 | 95.0 | 325.0 |
| Grand Total: | | | | | 241.5 | 95.0 | 325.0 |