

## SURVEY OF STATE AGENCY AIRPLANE COSTS

At the request of the Government Services Committee at the December 14, 2011, committee meeting, state agencies were surveyed in February 2012 regarding the costs of airplanes owned or leased by the agency.

Airplane expenses can vary significantly between similar airplanes due to the intended use of the airplane and airplane flight hours. Airplane expenses can also vary significantly between years due to timing of certain expenses related to items, such as major repairs or special aircraft uses. The schedule below summarizes the flight hours and airplane expenses for each state-owned or leased airplane for state fiscal year 2011 (July 2010 through June 2011).

Summary of Fiscal Year 2011 Airplane Expenses									
	Aeronautics Commission	Attorney General	Game and Fish Department		Highway Patrol	North Dakota State University	Department of Transportation		
	2008 Cessna 206 (Estimated) <sup>1</sup>	1965 Beechcraft Baron	2006 American Champion Scout	2006 Cessna 182	2007 Cessna 206	1991 KingAir B200	1975 Cessna Skymaster	1977 Piper Cheyenne	1998 KingAir B200
Total flight hours	200.00	21.60	533.50	216.30	156.00	69.00	414.10	94.50	283.00
Variable costs	\$19,100.00	\$4,883.00	\$51,699.00	\$31,143.00	\$20,223.00	\$87,099.33	\$114,259.00	\$193,930.00	\$155,071.00
Variable cost per flight hour	\$95.50	\$226.06	\$96.91	\$143.98	\$129.63	\$1,262.31	\$275.92	\$2,052.17	\$547.95
Fixed costs	\$15,421.00	\$8,928.00	\$79,213.00	\$35,803.00	\$34,679.00	\$140,271.28	\$196,605.00	\$166,043.00	\$280,251.00
Fixed costs per flight hour	\$77.11	\$413.33	\$148.48	\$165.52	\$222.30	\$2,032.92	\$474.78	\$1,757.07	\$990.29
Funding allocated to reserve accounts	\$7,533.00	\$0.00	\$0.00	\$0.00	\$5,928.00	\$0.00	\$19,458.00	\$10,962.00	\$50,343.00
Reserve account allocation per hour	\$37.67	\$0.00	\$0.00	\$0.00	\$38.00	\$0.00	\$46.99	\$116.00	\$177.89
Total costs, excluding depreciation	\$42,054.00	\$13,811.00	\$130,912.00	\$66,946.00	\$60,830.00	\$227,370.61	\$330,322.00	\$370,935.00	\$485,665.00
Total costs per hour, excluding depreciation	\$210.27	\$639.40	\$245.38	\$309.51	\$389.94	\$3,295.23	\$797.69	\$3,925.24	\$1,716.13
Depreciation cost	\$0.00 <sup>2</sup>	\$4,666.00	\$18,119.00	\$4,687.00 <sup>3</sup>	\$19,305.00	\$164,360.00	\$0.00 <sup>4</sup>	\$43,225.00	\$69,833.00
Depreciation cost per hour	\$0.00	\$216.02	\$33.96	\$21.67	\$123.75	\$2,382.03	\$0.00	\$457.41	\$246.76
Total costs, including depreciation	\$42,054.00	\$18,477.00	\$149,031.00	\$71,633.00	\$80,135.00	\$391,730.61	\$330,322.00	\$414,160.00	\$555,498.00
Total per hour costs, including depreciation	\$210.27	\$855.42	\$279.35	\$331.17	\$513.69	\$5,677.26	\$797.69	\$4,382.65	\$1,962.89

<sup>1</sup>The Aeronautics Commission purchased the Cessna 206 airplane in September 2011. The amounts listed are based on estimated flight hours and expenses for fiscal year 2012.

<sup>2</sup>The agency did not calculate depreciation on the airplane because the agency estimates the residual value of the aircraft to be greater than the purchase price.

<sup>3</sup>The airplane was purchased in October 2010. The amount shown does not reflect a full year of depreciation.

<sup>4</sup>The airplane has been fully depreciated.

The detailed survey responses provided by state agencies for airplane expenses for fiscal years 2008 through 2011 are attached as an [appendix](#). Included in the responses are comments by the agencies regarding the use of the airplanes and airplane expenses.

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