

MONTANA BOARD OF REGENTS

NEW ACADEMIC PROGRAM PROPOSAL SUMMARY

Institution: Montana State University - Great Falls, COT

Program Title: Aviation Science

1. How does this program advance the campus=academic mission and fit priorities?

The proposed AAS degree supports the mission of MSU-Great Falls to develop the Montana workforce and provide students with access to well-paid jobs.

2. How does this program fit the Board of Regents=goals and objectives?

One of the stated goals of the Board of Regents is **A**o be responsive to market, employment, and economic development needs of the State and the nation. **@**The proposed degree supports this goal by providing additional opportunities for Montana residents to find well-paid employment in a high-tech field which serves as a catalyst for the development of related industries and small businesses.

3. How does this program support or advance Montana= needs and interests?

Raising the income levels of Montanans ultimately benefits the state, not only in dollars circulated but also in tax revenues generated. This career opportunity offers employment in a desirable field at a compensation level which, with experience, rises well above the stage average annual income. In addition, a reliable supply of qualified pilots will provide the state with a workforce prepared to support increases in air transport, which meets economic, communication, and personal interests of many in the state.

4. How will this program contribute to economic development in Montana? (Note projected annual economic impact both regionally and statewide.)

The proposed program will contribute to economic growth in three ways.

- Through the multiplier effect. Because aeronautics is a resource-intensive industry, each working pilot added to the economy will have a multiplier effect in terms of fuel, aircraft maintenance and personal needs well beyond the impact of his or her salary alone.
- Through widening the job pool. By increasing the number of trained pilots in the job pool making hiring easier for airlines, airfreight services and other aviation industries based in Montana.
- Through employee skills. Companies that have employees who are trained pilots in addition to their primary job descriptions will not have the added expense of hiring outside the company for occasional flight transport needs.

5. What is the program's planned capacity?

Break-even point?	20	FTE students
Enrollments / year?	20	
Graduates / year?	15	
MT jobs / year?	8	

6. Resource Allocation:

Total program budget?	\$ 48,207
Faculty FTE?	2
Staff FTE?	0

7. Does this program require new resources? Yes No

If yes, what is the amount? \$ 48,207

8. How will the campus fund the program?

Through general fund allocation for increased enrollments and tuition revenue.

9. If internal reallocation is necessary, name the sources.

None is needed.