



NEVADA
COUNTY

Information and General Services Department

Airport

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Information Systems

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February 11, 2015

Honorable Board of Supervisors
Eric Rood Administrative Center
950 Maidu Ave.
Nevada City, CA 95959

DATE OF MEETING: February 24, 2015

SUBJECT: Resolution authorizing the purchase of a capital asset RAMPSTAR R010 Aircraft Refueling Truck and amending the FY 2014-2015 Airport Budget.

RECOMMENDATION: Adopt the Resolution

FUNDING: The equipment cost of \$57,042 will be paid out of the Airport's FY 2014-2015 budget. Excess revenues are projected in sales of aviation fuel of \$36,000 and the remainder will be paid from the Airport fund balance. A budget amendment is required and there is no impact on the General Fund.

BACKGROUND: The Nevada County Airport has the responsibility to provide Jet A fuel to emergency aircraft operating out of the Nevada County Airport, including CalFire and US Forest Service fire-fighting aircraft operating from the Grass Valley Air Attack Base. The current Jet A refueling truck is 28 years old and experiences routine mechanical reliability issues. The increased capabilities of the R010 can cut the refueling time of a fire-fighting tanker aircraft and the standard USFS Air-Tactical aircraft by 50% to enable faster refuel, reload and return times to local wildfires. The ability to refuel aircraft faster enables more aircraft to be sent to Nevada County Airport for refueling, reloading and returning to any regional fire-fight due the additional refueling capacity.

The R010 enabled CalFire and the USFS to keep the 2014 Dogbar Fire incident to one day due to the ability of seven tankers and five helicopters to be rapidly refueled at Nevada County Airport and returned to fight that fire. Had the older truck been the sole asset available during that fire, some of the additional aircraft would have operated from another air attack base farther away, or they would have had a longer wait time for refueling at the Nevada County Airport, increasing the fire risk to the community. The cost analysis and return-on-investment study shows that the R010 will be paid for in 35 months versus leasing it for six years. It has a minimum useful life remaining of at least ten years, but the actual useful life is likely to be 20-plus years.

Airport and Purchasing staff researched other available refueler models with similar acceptable capabilities and determined that this R010 is the best operational and fiscal choice for the Airport.

Respectfully submitted,

Stephen T. Monaghan
Chief Information Officer