



COUNTY of VENTURA

Department of Airports

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July 25, 2023

Board of Supervisors
County of Ventura
800 Victoria Avenue
Ventura, California 93009

Subject: Authorization for the Director of Airports or his designee to Accept on Behalf of the County an Aircraft Rescue and Firefighting (ARFF) emergency response vehicle from Burbank-Glendale-Pasadena Airport Authority, with an estimated value of \$30,000; Approval of, and Authorization for the Director of Airports or his designee to sign, a Sale Agreement with the City and County of San Francisco to purchase a surplus ARFF vehicle for \$14,000.

Recommendations:

1. Authorize the Director of Airports or his designee to accept on behalf of the County a surplus ARFF emergency response vehicle from Burbank-Glendale-Pasadena Airport Authority with an estimated value of \$30,000.
2. Approve, and Authorize the Director of Airports or his designee to sign and execute a Sale Agreement (Exhibit 1) with the City and County of San Francisco to purchase a surplus ARFF vehicle for \$14,000 and to make any immaterial changes to the Sale Agreement necessary to effectuate the purchase in a form approved by County Counsel.

Fiscal Impact:

Mandatory: No

Source of funding: Airport Enterprise Fund

Funding match required: None

Impact on other departments: None

Summary of Revenue and Project Costs

FY 2023-24

FY 2024-25

Revenue	\$ 0	\$ 0
Direct Costs	<u>45,000</u>	<u>0</u>

Net Cost – Airport Enterprise Fund

\$ 45,000

\$ 0

The estimated \$45,000 in costs associated in acquiring these two ARFF vehicles will be 100% absorbed by the Airport Enterprise Fund, with zero impact to the County's General Fund. Fiscal impact related to the acceptance of the donated ARFF vehicle from Burbank Airport will be minimal. There will be a direct cost of \$14,000 associated with the purchase of the ARFF vehicle from San Francisco International Airport. There will be approximately \$31,000 in additional costs associated with the purchase, repairs, and upgrades for the two ARFF vehicles.

Current Fiscal Year Budget Projection:

FY 2023-24 Budget Projection for Oxnard Airport Operations Division 5000 - Unit 5003*				
	Adopted Budget	Adjusted Budget	Projected Budget	Estimated Savings/ (Deficit)
Appropriations	\$ 870,157	\$ 870,157	\$ 870,157	\$0
Revenue	540,049	540,049	540,049	0
Net Cost	\$ 330,108	\$ 330,108	\$ 330,108	\$0

Sufficient revenue and appropriations are available in the FY 23-24 budget.

Discussion:

The Department of Airports currently maintains a Federal Aviation Administration (FAA) commercial airport operating certificate (FAR Part 139) for Oxnard Airport. A current FAR Part 139 certificate is required for any airport providing commercial airline service in the United States. Although it has been more than 12 years since Oxnard hosted commercial service, the Department continues to engage airlines with the expectation that service will resume in the future.

One of the many requirements for a commercially certificated airport is to have trained staff and equipment capable of performing the Aircraft Rescue and Firefighting (ARFF) emergency role. The City of Oxnard Fire Department doesn't have this type of equipment in service nor the required specialized trained personnel. In the rare instance that an airplane crashes at the airport the Departments ARFF unit can extinguish the aircraft fire within 3-minutes or less. The primary unit at Oxnard Airport is a 2005 E-One Titan diesel engine ARFF vehicle. This vehicle was purchased new, in 2005, with FAA grant funding at a cost of approximately \$538,000. The reserve unit is a 1987 International Harvester diesel engine ARFF vehicle. The Department doesn't have any records indicating when this vehicle was purchased and what the associated costs were at the time. Both vehicles have exceeded their useful life and continue to require considerable maintenance costs to keep them operational. The Department of Airports has spent just under \$70,000 on vehicle repairs over the last two years. This E-One vehicle recently required a seal replacement for the roof turret nozzle, which has an estimated repair cost of \$4900.

During the 2022 annual FAR Part 139 certification inspection the FAA Certification Inspector noted that the ARFF unit had several operational failures during the timed drill exercise. The FAA Inspector personally observed, during a timed response drill, water pouring into the operator's cab, which damaged the electrical systems and radios. Subsequently the vehicle was placed out of service for more than three months waiting for repairs to be completed. It was also noted by the FAA Inspector that Oxnard Airport reported on four separate instances, during the 12-month period, that neither the primary nor reserve ARFF units were operational due to equipment failures.

It is clear to the Department of Airports that we needed to find replacements for both our primary and reserve ARFF units. The Department evaluated the short-term and long-term options for replacement of both the primary and reserve ARFF vehicles. Burbank Airport has offered to donate one of their surplus ARFF vehicles to Ventura County Department of Airports. Therefore, as outlined in the Administrative Policy Manual, Chapter VII (B)-9, Donation of Cash or Assets the Department of Airports is requesting approval to accept a surplus ARFF vehicle from Burbank Airport. San Francisco International Airport has offered to sell one of their surplus ARFF vehicles to Ventura County Department of Airports for \$14,000.

Analysis:

The Department of Airports began discussions with the FAA Airport District Office to determine whether they would support grant funding for a replacement ARFF vehicle. FAA staff indicated that it was likely several years before grant funding would be available for a new ARFF vehicle, which has an expected cost of \$900,000. It was also noted that there is currently a 12-18 month wait period for new ARFF vehicles. Another option considered was to purchase a refurbished ARFF vehicle which would typically cost between \$400,000 and \$550,000 from a third-party vendor, but no FAA funding would be eligible for this option.

Airport staff decided that due to the high cost, new construction backlog of new ARFF vehicles, and the significant cost of purchasing a refurbished ARFF vehicle from a third-party vendor the best option was to seek replacement surplus vehicles. After several months, the Department was fortunate to identify two airports willing to donate and or sell Ventura County Department of Airports their surplus ARFF vehicles. The Burbank-Glendale-Pasadena Airport Authority was willing to donate the 2004 Oshkosh Striker 1500. San Francisco International Airport was willing to sell their 1997 Oshkosh Ti1500.

The Department of Airports has worked with Fleet Services to assist us with the process of inspecting and securing these vehicles. County GSA Fleet Services, an outside ARFF Service Contractor (Siddons-Martin Emergency Group), and Airport personnel visited/inspected the ARFF vehicles at Burbank and San Francisco Airports.

Again, purchasing a new ARFF vehicle would cost approximately \$900,000 with \$850,000 being funded by FAA and Caltrans. This would leave approximately \$50,000 coming from the Airport Enterprise Fund. However, the Department of Airports is at least 3 years away from having FAA funding in place, which is in addition to waiting 12-18 months for a vehicle to be manufactured. This would also not address the need to replace the secondary reserve unit. If we moved to the third-party refurbishment market the Airport Enterprise fund would have to fund the entire amount of approximately \$400,000 to \$550,000 for each ARFF unit and would need to purchase two units, a total expenditure of \$800,000 to \$1,100,000. If the Department of Airports acquires the surplus Burbank and San Francisco ARFF units we are planning to expend approximately \$45,000 for the purchase, repairs, and upgrades to bring both vehicles to operational readiness.

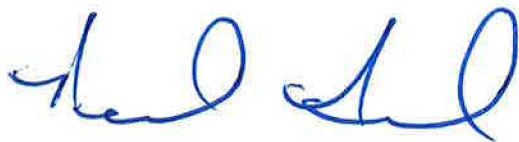
Recommendation:

The Department of Airports is recommending approval of both the acceptance of a donated 2004 Oshkosh Striker 1500 ARFF vehicle from Burbank Airport and the purchase, \$14,000 from the Airport Enterprise Fund, of a 1997 Oshkosh Ti1500 ARFF vehicle from San Francisco International Airport. These two surplus ARFF vehicles will replace the existing ARFF vehicles currently in service at Oxnard Airport. Acquiring these two surplus ARFF vehicles are expected to reduce annual maintenance costs, provide greater reliability for FAA mandated ARFF services, and provide more safe/seamless transition of training to airport emergency response personnel. Since these ARFF vehicles were extremely well cared for staff expects these vehicles to have another 7 to 10 years of service life remaining.

Current ARFF	Current ARFF	Replacement ARFF	Replacement ARFF
E-One	International Harvester	Oshkosh	Oshkosh
2005	1987	2004	1997

This letter has been reviewed by the County Administrative Office, County Counsel, GSA Fleet, and the Auditor Controller's Office.

If you have any questions regarding this item, please call me at (805) 388-4200.



KEITH FREITAS, A.A.E., C.A.E.
Director of Airports