



## Commission Meeting

August 1, 2023

Augusta Regional Airport

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<b>Department:</b>	Augusta Regional Airport – Emergency Purchase, Airport Rescue and Fire Fighting (ARFF) Apparatus Repair (Transmission & Drivetrain)
<b>Presenter:</b>	Herbert Judon
<b>Caption:</b>	Motion to approve emergency repairs by Company Two Fire in the, not to exceed, amount of \$130,000.00 for repairs to the Airport Rescue and Fire Fighting (ARFF) CRASH 1 Vehicle. Approved by the Augusta Aviation Commission on June 29, 2023.
<b>Background:</b>	<p>The ARFF Apparatus fleet at AGS is aging. CRASH 1, a 21-year-old class 5 (3000 gal) ARFF vehicle, is out of service and in need of major repairs to the transmission and locking differential drive train. Currently our responding ARFF apparatus are: CRASH 2, a 30-year-old class 5 (3000 gallon) ARFF vehicle and CRASH 4, an 11-year-old class 4 (1500 gallon) ARFF vehicle. The normal life span for an ARFF Apparatus is 10 to 12 years - longer for airports with less activity. Fortunately, an active preventative maintenance program, and daily apparatus checkouts have extended the life span of our fleet.</p>
<b>Analysis:</b>	<p>Company Two Fire has provided a worse case estimate for a drivetrain repair and full transmission replacement at \$128,651.25. Estimates were also requested from Brindlee Mountain Fire Apparatus (256-776-7786) and Ten-8 Fire &amp; Safety, LLC (866-994-6455), with no response returned. Company Two Fire has experience and familiarity with our apparatus through prior service and repair and is prepared to provide service &amp; repair upon approval.</p> <p>CRASH 1 (2002, Oshkosh T3000) based on internet search and used ARFF Apparatus sales reflect a used base model purchase value of \$350,000 to \$400,000. This value does not include the High Reach Extendable Turret (HRET) on our apparatus. New apparatus replacement costs are estimated at \$900,000 to \$1.2 million.</p> <p>Repair of CRASH 1 does not negate the need for the near-term purchase of a replacement ARFF apparatus. CRASH 2 has outlived its life span as a first run apparatus and reserve/contingency apparatus. Replacement parts and repair are becoming obsolete.</p>

Immediate repair of CRASH 1 should extend its life span allowing AGS to retire/sell CRASH 2 upon the near-term purchase of a new ARFF apparatus, then making CRASH 1 a reserve/contingency apparatus.

**Financial Impact:** This project will be funded with Airport Enterprise funds.

**Alternatives:** To deny.

**Recommendation:** Recommend Approval. Approved by the Augusta Aviation Commission on June 29, 2023.

**Funds are available in the following accounts:** 550181107-5223113

**REVIEWED AND** N/A  
**APPROVED BY:**