



PUBLIC SERVICES COMMITTEE MEETING

Meeting Date: November 19, 2024

Airport ARFF Hurst E-Draulic Rescue Tools Purchase

Department: Augusta Regional Airport

Presenter: Herbert L. Judon, Jr., Airport Executive Director

Caption: Motion to **approve** the purchase of a Hurst E-Draulic Rescue Tool through Municipal Emergency Services (MES).

Background: Rescue tools are used to extricate people from entrapment and entanglements. Fire departments across the world have use hand and power tools to save lives every day. The Augusta Regional Airport Fire Department has utilized our rescue tools to extricate patients from car accidents along Douglas Barnard.

Our current rescue tools were put into service in 2016. This system utilizes a heavy gas operated hydraulic pump, the tool and 50'-75'hoses that circulate the hydraulic fluid from the pump to the tool and back to the pump. The hose creates a tether which limits the area to work in. Using the tools for rescue means getting the fire apparatus within the range of the hose length or moving the entire system to the incident scene.

Technology in the rescue tool realm has progressed to meet the changing needs of lighter weight stronger building materials in vehicles, structures and aircraft, as well as the freedom to move around. The new Hurst E-Draulic 3 tools are smaller and lighter than the original tools and operate from a battery on the tool. The current technology meets the need of changing materials in construction, manufacturing, by having a built-in operating system means no hoses to limit the range of operation. The removal of the hydraulic pump and hoses greatly reduces the need for storage space on the apparatus.

Augusta Richmond County Fire Department made the change to the Hurst E-Draulic rescue tools in the last few years. Updating our rescue tools would enhance our interoperability on incident scenes to save lives

Analysis:	Our current rescue tools have limitations for use, whereas the new technology in rescue tools eliminates the tether allowing rescuer to make entry into a vehicle or aircraft with a lighter more maneuverable tool. Updating our rescue tools creates a more interoperable incident with our mutual aid partners enhancing our ability to save lives.
Financial Impact:	This purchase was budgeted in 2024 in the amount of \$90,000. The current quote for equipment and installation is \$87,361.24 and will be purchased through the ARFF budget, 1107.
Alternatives:	N/A
Recommendation:	Approve purchase of Hurst E-Draulic Rescue Tools through Municipal Emergency Services (MES) in the amount of \$87,361.24.
Funds are available in the following accounts:	Budgeted in 551081207-5421110
<u>REVIEWED AND APPROVED BY:</u>	N/A