

Grant Deliverables and Reporting Requirements for UTC Grants (November 2016)

EXHIBIT F

UTC Project Information	
Project Title	Assessing Pedestrians' Perceptions and Willingness to Interact with Autonomous Vehicles
University	Embry-Riddle Aeronautical University
Principal Investigator	Scott R. Winter and Stephen Rice
PI Contact Information	winte25e@erau.edu; 386-226-6491
Funding Source(s) and Amounts Provided (by each agency or organization)	Federal Funds (USDOT UTC Program): \$49,199 Cost-Share Funds (ERAU): \$24,923
Total Project Cost	\$74,122
Agency ID or Contract Number	69A3551747125
Start and End Dates	March 7, 2018 – January 31, 2019
Brief Description of Research Project	Our overall purpose will be to measure a pedestrians' willingness to cross an intersection when an autonomous vehicle is simultaneously waiting to proceed. Recently, the automobile industry has experienced an explosion of efforts to enhance autonomous vehicle capabilities and set an eventual goal to remove human operators when viable. However, this new goal has created a gap in the research assessing the relationship between autonomous vehicles and their interaction with pedestrians. It is important to realize that routine interactions between pedestrians and automobiles will change dramatically. The pedestrian crossing the street can no longer receive a visual or auditory cue from the driver signaling a recognition of their presence and intentions to cross. Therefore, it is important to recognize the need for enhanced safety features encompassing a unique interaction. First and foremost, these features should be designed to enhance safety for both the pedestrian and any passengers traveling inside of the autonomous vehicle. Furthermore, they should augment consumers' and shareholders' confidence towards investing in these products.
Describe Implementation of Research Outcomes (or why)	Pending project completion

Not implemented) Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	Pending project completion
Web Links <ul style="list-style-type: none">• Reports• Project Website	



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