

EXHIBIT F

UTC Project Information	
Project Title	High-speed rail in the US – The intention to use and mode choice behavior
University	Embry-Riddle Aeronautical University
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Start and End Dates	10/01/2021 – 07/31/2023
Brief Description of Research Project	High-speed rail (HSR) has become a popular mode for domestic travel, offering fast, comfortable, and convenient travel experience valued by travelers. While many countries have developed HSR to connect major cities, the United States lags other countries in HSR development. The situation is expected to change given the changing mode preference in the US especially for youth and senior populations, the new normality for travel in the post-pandemic era, and more importantly, the US government’s refocus on HSR, which can reshape the transportation system in the domestic market. The rebalance in the transportation system calls for in-depth research of HSR in the US. The literature in this area, however, is limited particularly regarding the behavioral intention of American travelers toward HSR. This study aims to fill this important gap by investigating (1) passengers’ choice among car, air, and HSR for domestic travel in the US and (2) key determinants of American passengers’ intention to use HSR. A new theoretical framework will be proposed based on the theory of planned behavior. Constructs validated in previous studies will be used for model development. This study will develop a structured questionnaire to collect data

	via Amazon® Mechanical Turk® (MTurk). By providing empirical evidence from the lens of passenger intention and behavior, this study can make theoretical and practical contributions to the use of HSR in the US.
Describe Implementation of Research Outcomes (or why Not implemented) Place Any Photos Here	Government agencies can use the findings of this study to better understand travel intention and behavior toward high-speed rail in the US. This is especially important given that HSR has remained a topic for debate in the US. The findings can also be useful for other transport modes – especially car and air – to understand possible market change and develop strategies to compete with high-speed rail in high demand markets.
Impacts/Benefits of Implementation (actual, not anticipated)	Enhance the understanding of passengers’ acceptance of HSR, which is still new in the US, and passenger intention to use HSR once it becomes a viable option for domestic travel. The findings can inform both the industry and government in developing guidelines and strategies to prepare for the development of HSR in the US.
Web Links <ul style="list-style-type: none"> • Reports • Project Website 	N/A



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