SQUAWK ForeFlight

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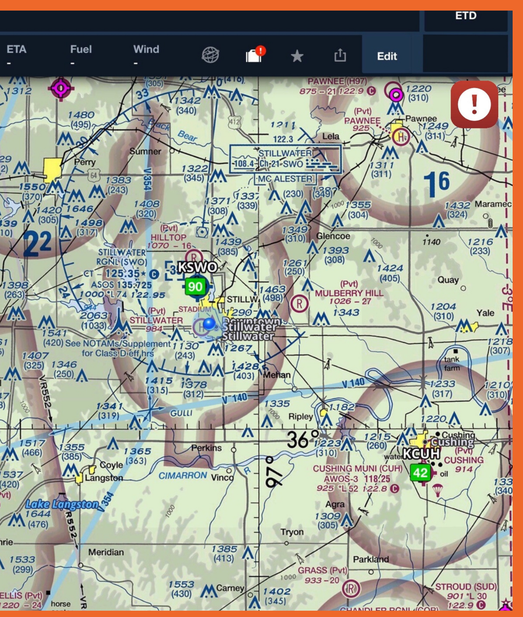
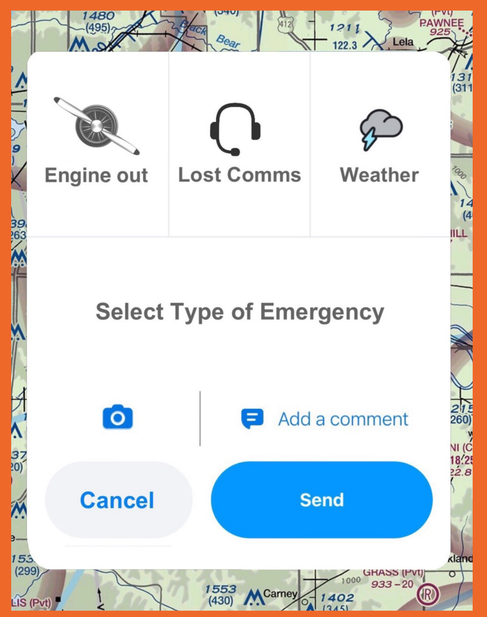
Executive Summary:

Project Squawk ForeFlight is the newest innovation in Aviation Safety. As pilots, stress, and over-saturation can become a major issue when dealing with a crisis. We are trained to Aviate, Navigate, and Communicate. What if we were able to focus more on Aviate and Navigate while relieving weight from the Communication portion? Project Squawk ForeFlight is a new concept that pairs your ForeFlight device with modern avionics to provide a swift and responsive emergency system. You simply press the emergency button on your ForeFlight app and then let Project Squawk ForeFlight do the rest. It will automatically adjust the transponder to squawk your needed code, notify local Air Traffic Control, 911, and ground services, and even ping other ForeFlight users in the area, notifying them of your emergency and location. No more stress of having to relay your location and emergency, from now on, safety is only as far away as one click.





Project Budget			
	Items	Price	
	Coding Department	$107,000	per person a year
	App Testing	$11,450	10% of Coding dept + Implementation
	Field Testing	$91,600	20% of Coding dept + Implementation
	Implementation	$7,500	$25/hr = 300 man hours
	Estimate Total	$217,550	/Year

Problem:

As the pilot's workload increases, human error increases. The goal of Squawk Foreflight is to reduce the pilot's workload by streamlining the communicative process within an emergency. During the event of an in-air emergence, a pilot already has a responsibility to react to the situation leaving communication as the last step. The goal of Squawk ForeFlight is to reduce the pilot's workload by making it possible for a more efficient emergency response system built into a device pilots are already familiar with.

Impact:

Safety of Pilots and Equipment

Improve Communication

Cost-Effective Business Plan

First of Its Kind Solution