

Success Story: Hurricane Harvey

Insitu's Rapid Response Team Aids
Hurricane Harvey Disaster Relief Efforts



CHALLENGE

On August 24, 2017, Hurricane Harvey made landfall as a Category 4 storm near Rockport, Texas. By the time the hurricane subsided, Harvey had caused billions of dollars in property damage, displacing tens of thousands of Texans and leaving more than 300,000 without electricity. During the initial days after the storm, emergency responders worked tirelessly to begin the daunting process of assessing the damage from the catastrophic flooding that made Harvey one of the worst weather disasters in U.S. history.



SOLUTION

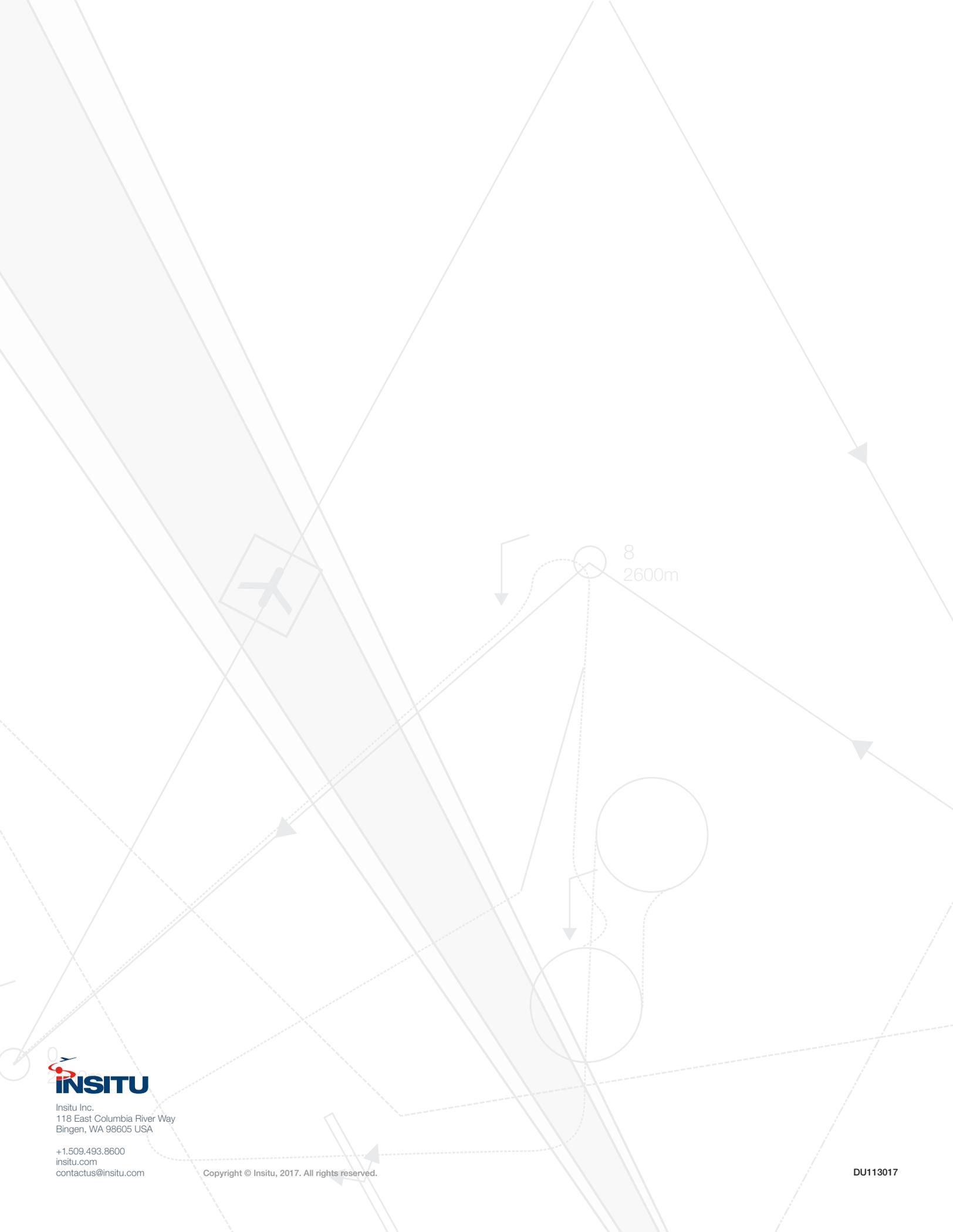
On August 26, 2017, a team of Insitu personnel traveled to southeastern Texas to help emergency response crews assess post-Harvey damage. The team brought four ScanEagle unmanned aerial vehicles equipped with EO and IR cameras that provided live geospatial aerial imagery of areas affected by the storm.



RESULT

ScanEagle operations began on August 30 over the Bay of Corpus Christi, where hurricane damage had shut down regular traffic that typically moves \$100 million in goods through the waterway each day. The Insitu team located navigational hazards including a ship that had sunk in the bay and provided debris maps and other information to response crews that contributed to the reopening of the Port Of Corpus

Christi after six days. Insitu conducted additional flights in Sugar Land and Angleton, Texas, for a total of 17 days of aviation operations in support of emergency response efforts. All efforts for air space access were closely coordinated with the FAA and other government agencies to ensure safe and professional operations. The coupling of our technology with the experience of our operators and flight support teams demonstrated that our aerial data collection solutions are agile, proven and adaptable to the challenging needs of emergency and disaster response situations.



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