## UAS DATA PROCESSING SOFTWARE AND APPLICATIONS

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#### SOFTWARE CONSIDERATIONS

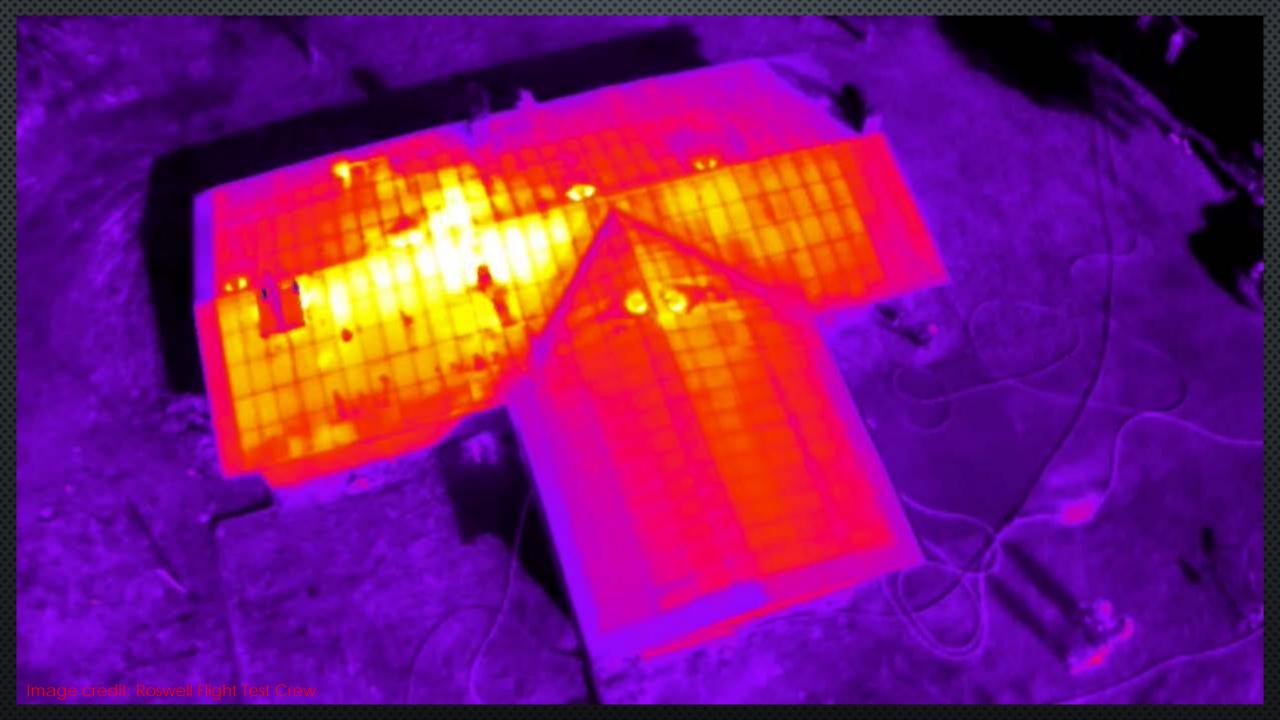
- Cost
- System Requirements
- CAPABILITIES
- FULL ARTICLE: <u>HTTPS://WWW.DIRECTIONSMAG.COM/ARTICLE/6854</u>



Choosing the Appropriate UAS Mapping and Photogrammetry Software



## SELECTED UAS APPLICATIONS



## AI-POWERED SHARK DETECTION DRONES



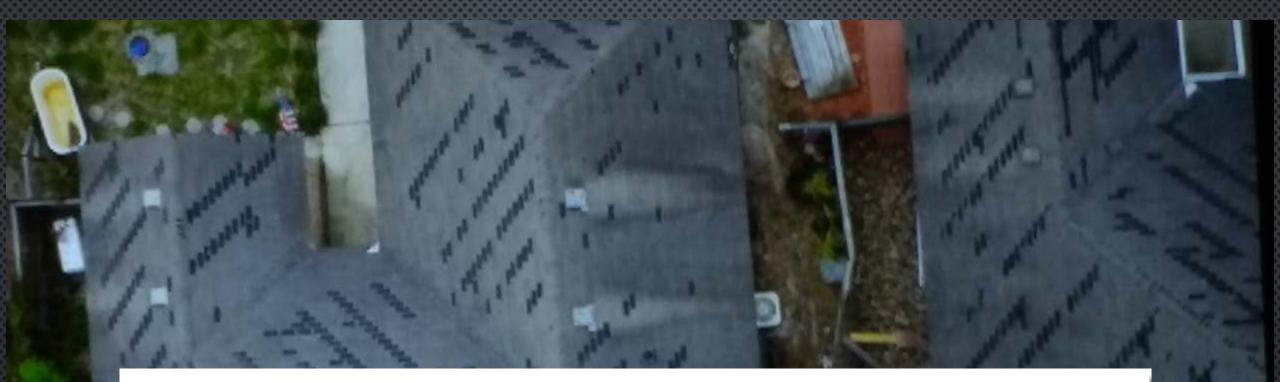




shark

shark

mage credit: Peter Parks Getty Images



#ENVIRONMENT AUGUST 30, 2017 / 4:10 AM / 2 MONTHS AGO

# Commercial drones face unprecedented test in Harvey's destructive wake

Greater Corpus Christi, TX Kespry

Image credit: Kespry Automated Drone System

## INVESTIGATING ACCIDENTS WITH 3D POINT CLOUDS





Image credit: Mark Johnson, Visual Law Group

Drone 3D Point Cloud Fornensic Analysis of Vehicle Crush

Image credit: Mark Johnson, Visual Law Group

# WHERE IS THE TECHNOLOGY GOING?



**Changing Lighting** 

Unreliable Network

### UNMANNED AIRCRAFT SYSTEM OPERATIONS TECHNICIAN EDUCATION PROGRAM (UASTEP)

**OBJECTIVE: PREPARE QUALIFIED UAS OPERATORS AND ENTREPRENEUR FOR THE WORKFORCE** 

- PROGRAM DEVELOPMENT ASSOCIATE'S DEGREE
- **PROFESSIONAL DEVELOPMENT WORKSHOPS WORKSHOPS FOR EDUCATORS**
- BUSINESS COMPETENCIES AND INTERNSHIPS FOR STUDENTS
- SUMMER ACADEMIES AND OUTREACH

# THANK YOU!

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