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## MADELINE FREDERICK

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 Security Analysis Of Dji Phantom This paper comprises a security analysis of the DJI Phantom 3 Standard [1], a popular consumer drone with an onboard camera and standard set of features. Drones present a novel airborne platform for new commercial and consumer work, and this, in addition to their increasing ubiquity, makes a security analysis especially worthwhile. Security Analysis of DJI Phantom 3 Standard drones for analysis are -the DJI Phantom 3 Professional (DJI, 2018) and Parrot AR. Drone 2.0 Power Edition (Parrot, 2017), for ease of

subsequent reference the drones are designated as DJI and A.R respectively throughout the paper. The DJI is a quadcopter drone with a variety of features and capabilities and Journal of Digital Forensics, Security and Law Security Analysis of DJI Phantom 3 Standard by Fernando Trujano, Benjamin Chan, Greg Beams, Reece Rivera [pdf] DROP (DRone Open source Parser): Forensic analysis of the DJI Phantom III DJI Phantom ... How Can Drones Be Hacked? The updated list of vulnerable ... This presentation portrayed a detailed security analysis of the DJI Phantom III - the drone used in our work. In the work, Aaron Lou broke down the security analysis into several parts which included: breaking the Software Development Kit (SDK) authentication,

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Additionally, the GO 4 application will by default transmit certain data for the safe use of drones, customer support, and data analytics. This includes application performance data, user experience data, and initial location check data. DJI Releases Security Findings It Hopes Will Quash ... understand the security structure of the DJI Mavic Air drone.

Security Breach Implications We have focused our testing on areas where a vulnerability has been previously identified. Analyzing the results, we conclude that the Mavic Air's security structure is more robust than its predecessors by a significant

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3 Standard. A non-device specific framework for the development of forensic locational data analysis procedure for consumer grade small and embedded devices Jan 2017(PDF) DJI Phantom 3-Drone Forensic data explorationHome Conferences COMM Proceedings IoT&P '17 Understanding Security Threats in Consumer Drones Through the Lens of the Discovery Quadcopter Family research-article Understanding Security Threats in Consumer Drones Through the Lens of the Discovery Quadcopter FamilyUnderstanding Security Threats in Consumer Drones Through ...The UAV system chosen for analysis was the DJI Phantom 3 Professional (DJI) [8], a quadcopter drone with a variety of features and capabilities. Among commercially available drones, DJI has taken the largest market share of 36% [9] with its Phantom series setting the benchmark for professional drone use.Open Source Forensics for a Multi-platform Drone System ...Understanding Security Threats in Consumer Drones Through the Lens of the Discovery Quadcopter Family ... an improvement of the DJI Phantom 3 over other drones is that ... Analysis of DJI Phantom ...(PDF) Understanding Security Threats in Consumer Drones ...Vulnerable drone: Most GPS enabled drones ( DJI Phantom 1/2/3/4, DJI Inspire, DJI Mavic, Yuneec Brezee, Yuneec Thypoos, Yuneec Tornado, etc) ... Security Analysis of DJI Phantom 3 Standard by Fernando Trujano, Benjamin Chan, Greg Beams, Reece Rivera [pdf] Sololink Hack. Attack type: Hijack. Vulnerable drone: 3DR Solo.How can drones be hacked? Guide to tutorials, tools ...The DJI Phantom III drone has already been used for malicious activities (to drop bombs, remote surveillance and plane watching)

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