Number	Date Found	Date Fixed	Change Made by	Origin	Description	Resolution	Artifact
I001	2/5	2/10	Zhaoyuan Huo	Flight Controller Unit wasn't properly connected	UAV propellers damaged during indoor test flight	Purchased new sets of propellers and propeller protecters to prevent similar issues from happening	N/A
I002	2/16	Pending	Yichen Xu	Pending	Depth Camera Calibration Software not Working	Pending	Pending
I003	09/10	09/18	Aaron Guan	Depth camera set cannot work on the UAV	The Arm64 architecture of Depth Camera System conflicts with the NVIDIA Jetson TX2	Replace the depth camera system with the Rplidar for obstacle avoidance and a monocular camera for April-tag detection	N/A
I004	10/05	10/10	Yichen Xu	UAV cannot detect the apriltag when the its height is low	UAV cannot detect the Apriltag during landing when its height too low	Added a smaller Apriltag besides the bigger one such that UAV can detect the smaller one for landing when its height is too low	N/A
I005	11/05	11/12	Aaron Guan	UGV cannot publish GPS data	The GPS sensor on the Jackal UGV cannot work normally	Set up and used the RTK-GPS system to provide GPS location for the UGV	N/A
I006	11/10	11/13	Aaron Guan	Topics cannot be synchronized between UAV and UGV	UAV cannot subscribe the topic which is sending GPS location from UGV	Changed the ROS Pacakge multimaster_fkie to topic_sync and update the /etc/hosts to include the ip address and hostnames for both computers	N/A