

# UAS Flight Log

**Mission #**

**1**

## Mission/Flight Plan

<b>Pilot/Operator Name:</b>	Monica Fitzpatrick (GCS), Elliot McPherson (RC Backup Manual Control)
<b>Date:</b>	See launch times
<b>Location:</b>	Brisbane Airport (Da Vinci)
<b>Visual Observer(s):</b>	Hope Sneddon, Claire Ulrich, Jonathan Salazar, Harry Akeroyd, Ross Watson
<b>Planned Time:</b>	
<b>Estimated Duration:</b>	2 hours (overall)
<b>Mission Description:</b> Autonomous waypoint navigation shall be performed by the UAV for a minimum summation of 2 hours before the official mission demonstration in week 13.	

## Mission/Flight Record

Flight 1	Flight Plan: Take-off/Land	Launch Time: 9/9/19, 3:10pm	Flight Notes: Initial autonomous flight test
	Flight Log #: 1	Landing Time: 9/9/19, 3:12pm	
	Battery Log #: 1	Elapsed Time: 2 min	
Flight 2	Flight Plan: 4 waypoint square	Launch Time: 9/9/19, 4:08pm	Flight Notes: official Nav flight Test, repeated 3 times with minor PID tuning changes
	Flight Log #: 1	Landing Time: 9/9/19, 4:12pm	
	Battery Log #: 1	Elapsed Time: 12 min	
Flight 3	Flight Plan: 4 waypoint square	Launch Time: 16/9/19, 3:03pm	Flight Notes: Practice Wk 9 Demo Flight
	Flight Log #: 2	Landing Time: 16/9/19, 3:10pm	
	Battery Log #: 2	Elapsed Time: 7 min	
Flight 4	Flight Plan: 4 waypoint square	Launch Time: 16/9/19, 3:25pm	Flight Notes: Official Wk 9 Demo Flight
	Flight Log #: 2	Landing Time: 16/9/19, 3:35pm	
	Battery Log #: 2	Elapsed Time: 10min	
Flight 5	Flight Plan: take-off/ land	Launch Time: 9/10/19, 3:20pm	Flight Notes: Week 11 flight testing Problems with arming/ GCS comms
	Flight Log #: 3	Landing Time: 9/10/19, 4:15pm	
	Battery Log #: 3	Elapsed Time: 20min	

### Mission Notes:

9/9 – PI 3 firmware on PI 2B

17/9 – VICON license expired

9/10 – GCS comms not working after VICON settings adjusted