**September 13, 2016 – NWC Mesonet**

UTC = local time + 5 hrs

Flights conducted at the OSU UAS Flite Field

Front

Back

Windsonde 741

Windsonde 737

Windsonde 732

Windsonde 738

All Windsondes located under the rotors and shielded by small PVC pipes (not in contact). See pictures below.

North

Flight 1 (Iris+)

~1 minute each on 50% throttle and 100% throttle

Battery Number: 8

Windsondes: 741, 732, 738 & 737

Start Battery: 12.2 V

Throttle Up: 21:02:15

Throttle Down: 21:03:20

Throttle Up: 21:04:16

Throttle Down: 21:05:20

Throttle Up: 21:06:16

Throttle Down: 21:07:16 – delayed response between trans & iris props

Throttle Up: 21:08:16

Transmitter died ~21:09:05

End Battery: 11.4 V

Flight 2 (Iris+)

Battery Number: 4

Windsondes: 741, 732, 738 & 737

Start Battery: 12.3 V

Throttle Up: 21:26:16

Throttle Down: 21:27:18 – 6 second delay

Suddenly Stopped: 21:27:34

Flight 3 (Iris+)

Battery Number: 4

Windsondes: 741, 732, 738 & 737

Start Battery: 12.0 V

Throttle Up: 21:28:00

Throttle Down: 21:29:01- 12 second delay

Throttle Up: 21:30:00

Throttle Down: 21:31:00

Throttle Up: 21:32:00

Throttle Down: 21:33:00

Throttle Up: 21:34:00

Throttle Down: 21:35:00

Stopped: 21:36:00

End Battery: 11.0 V

Flight 4 (Iris+)

Battery Number: 3

Windsondes: 741, 732, 738 & 737

Start Battery: 12.4 V

Throttle Up: 21:41:37

Throttle Down: 21:42:37

Suddenly Stopped: 21:42:52

Flight 5 (Iris+)

Battery Number: 3

Windsondes: 741, 732, 738 & 737

Start Battery: 11.8 V

Throttle Up: 21:43:05

Throttle Down: 21:44:07 – 10 second delay

Throttle Up: 21:45:05

Throttle Down: 21:46:05 – 4 second delay

Throttle Up: 21:47:05

Throttle Down: 21:48:06

Throttle Up: 21:49:05

Throttle Down: 21:50:05

Stopped: 21:51:05

End Battery: 11.1 V