**December 4, 2016 – KAEFS**

Flight 1 - Iris

Battery 6

Take Off: 20:49:12 UTC

Landed: 20:50:21 UTC

Remarks: The programmed flight plan was to go up to 120 meters and rotate. However, the copter just flew up to 10 meters and then landed soon after.

Flight 2 - Iris

Battery 6

Take Off: 20:54:47 UTC

Started Ascent from 10 m: 30:55:05 UTC

Max Height: 120 m

Started Descent: 20:56.05

Landed: 20:57.24

End Battery: 11.53 V

Remarks: The programmed flight plan was to go up to 120 meters and rotate. However, the copter flew up to 120 meters and back down without rotating.

Flight 3 - Iris +

Battery 4

Take Off : 21:03:31 UTC

Max Height: 16 m

Back to Center: 21:06:37 UTC

Landed: 21:07:04 UTC

Remarks: The programmed flight plan was to go up to 16 meters and take a tour KAEFS. The flight plan was successful.

Flight 4 - Iris +

Battery 10

Take Off: 21:14:07 UTC

Started Ascent from 10 m: 21:15.28 UTC

Max Height: 120 m

Started Descent: 21:16.19 UTC

Started Ascent from 10 m: 21:17:59 UTC

Started Descent: 21:18:54 UTC

Return to Launch: 21:20:16 UTC

Landed: 21:20:52 UTC

Remarks: The manual flight plan was to go up to 120 meters and back down two times after hovering at 10 meters until the sensors were tracking.

Flight 5 - Iris + & DJI Phantom

Battery 1

Take Off: 21:28:10 UTC

Started Ascent from 10 m: 21:28:42 UTC

Max Height: 120 m

Stop at 120 m: 21:29:32 UTC

Started Descent: 21:29:44 UTC

Landed: 21:31:32 UTC

Remarks: The manual flight plan was to go up to 120 meters and back down after hovering at 10 meters until the sensors were tracking. This flight, the DJI was video recording the flights.

Flight 6 – Iris + & DJI Phantom

Battery 3

Take Off: 21:37:52 UTC

Started Ascent from 10 m: 21:38:20 UTC

Max Height: 120 m

Stop at 120 m: 21:39:07 UTC

Started Descent: 21:39:14 UTC

Landed: 21:41:17 UTC

Remarks: The manual flight plan was to go up to 120 meters and back down after hovering at 10 meters until the sensors were tracking. This flight, the DJI was video recording the flights.

Flight 7 – Iris + & DJI Phantom

Battery 2

Take Off: 21:48:58 UTC

Landed: 21:56:24 UTC

Remarks: The purpose of this flight was to get some good video footage of the Iris + near the Washington Mesonet.

Flight 8 – Iris + & DJI Phantom

Battery 4

Take Off: 22:10:35 UTC

Landed: 22:19:43 UTC

Remarks: The purpose of this flight was to get some good video footage of the Iris + near the Washington Mesonet.

Flight 9 – Iris +

Battery 6

Take Off: 22:23:38 UTC

Started Ascent from 10 m: 22:24:11 UTC

Max Height: 120 m

Started Descent: 22:25:06 UTC

Landed: 22:27:10 UTC

Remarks: The programmed flight plan was to go up to 120 meters and back down after hovering at 10 meters until the sensors were tracking. This flight, a sensor stopped recording

Flight 10 – Iris +

Battery 10

Take Off: 22:39:05 UTC

Started Ascent from 5 m: 22:39:51 UTC

Max Height: 120 m

Started Descent: 22:41:45 UTC

Started Ascent from 10 m: 22:42:19 UTC

Max Height: 120 m

Started Descent: 22:43:15 UTC

Landed: 22:45:26 UTC

Remarks: The programmed flight plan was to go up to 120 meters and back down two times after hovering at 5 meters until the sensors were tracking.

Flight 11 – Iris +

Battery 5

Take Off: 22:49:03 UTC

Max Height: 120 m

Started Descent: 22:50:04 UTC

Landed: 22:51:50 UTC

Remarks: The programmed flight plan was to go up to 120 meters and back down.

Flight 12 – Iris +

Battery 1

Take Off: 23:13:58 UTC

Max Height: 120 m

Started Descent: 23:15:29 UTC

Landed: 23:17:10 UTC

Remarks: The programmed flight plan was to go up to 120 meters and back down.