

RF13 09/17/2019

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Take off: 0830 local

Landed: 1400 local

Drops requested: 29

Drops deployed: 30

Issues: 1

Drop 29 had an IR issue at launch and no launch detect and no more comms! Just disappeared into the ether. . .

0836 Launcher temps:

Air Temp: 37.06 C

PCB Temp: 36.0 C

RH: 28%

Spare 1: 27.3

Spare 2: 27.0

Delayed drop 2 per Dave's request

Dave has requested to call next several drops on his command.

4:48PM UTC

Spare 1: 0.3

Spare 2: 5.3

4:49PM UTC turned on launcher heaters

Spare 1: 2.3

Spare 2: 5.3

Heaters are working

4:54PM

Spare 1: 14.8

Spare 2: 8.8

5:09PM UTC turned heaters off when spare 1 reached 30 C

Spare 1: 28.5

Spare 2: 18.8

6:01PM UTC turned heaters on again when spare 1 reached 0 C

6:24PM UTC turned heaters off

There was an IR error with sonde 29, it left the plane but no more comms. No data for drop 29.

7:16PM UTC turned on heaters

7:24PM UTC turned off heaters before landing