









RRC2-mini / Setpoint and Operations Matrix

LED Legend

-  fast flash
-  slow flash
-  solid
-  escape (red/grn flicker)

Start Menu








Choice

-  Setpoint Menu
-  Flight Log Menu
-  Diagnostics Menu
-  Escape to Flight Mode

Setpoint Menu

Choice






Range/Functions

-  Main AGL 3 - 30 / Elevation in 100' increments / 300' - 3000' AGL
-  Mach Inhibit Time 1 - 31 / Inhibit Time = (Setpoint - 1) / 0 - 30 seconds
-  Drogue Delay 1 - 16 / Delay = (Setpoint - 1) / 0 - 15 seconds
-  Main Delay 1 - 16 / Delay = (Setpoint - 1) / 0 - 15 seconds
-  Deployment Mode 1 - 3 / 1 = dual deploy / 2 = apogee only / 3 = main only
-  Operations Mode 1 - 16 / see Operations Mode Chart
-  Escape to Start Menu

Flight Log Menu

Choice

Range/Functions

-  Last Apogee AGL AGL feet
-  Last Peak Velocity feet/second
-  Last Time to Apogee seconds
-  Total launches Total launch count (0-255) since last reset
-  Escape to Start Menu

Diagnostics Menu

Choice

Range/Functions

-  Battery Voltage Chirp/Flash out battery voltage
-  Current MSL Chirp/Flash current MSL elevation
-  Input Test Mode Start Input Test Mode
-  Output Test Mode Start Output Test Mode (CAUTION)
-  Escape to Start Menu

Operations Mode Chart

Value	Battery Alarm Lockout	Chirp All Setpoints	Chirp Battery Voltage	Low Freq Chirp
1	No	No	No	Yes
2	No	No	Yes	No
3	No	No	Yes	Yes
4	No	Yes	No	No
5	No	Yes	No	Yes
6	No	Yes	Yes	No
7	No	Yes	Yes	Yes
8	Yes	No	No	No
9	Yes	No	No	Yes
10	Yes	No	Yes	No
11	Yes	No	Yes	Yes
12	Yes	Yes	No	No
13	Yes	Yes	No	Yes
14	Yes	Yes	Yes	No
15	Yes	Yes	Yes	Yes
16	No	No	No	No