

## Flight Information

**April 3, 2025:** There is a launch **planned for Sunday April 6, 2025**, from the Boulder City Dry Lakebed at 1530 UTC (0730 Local PDT) of TALARC ALP40-H Pico-Balloon. There are several new things that will be tested for this flight: The flight will test, a clear Chinese balloon stretched to 117" in circumference, a new solar charging circuit for the Lithium battery, an IR sensor pointed toward the Earth, a Beta version of the U4B firmware to transmit extended telemetry, and new BASIC flight code. With all the untested additions to the standard balloon battery design (ALP40-D, ALP40-G), my hope is to have it stay airborne for at least 24 hours to provide the necessary telemetry to accurately evaluate the new flight hardware and software.