

# Payload Plan

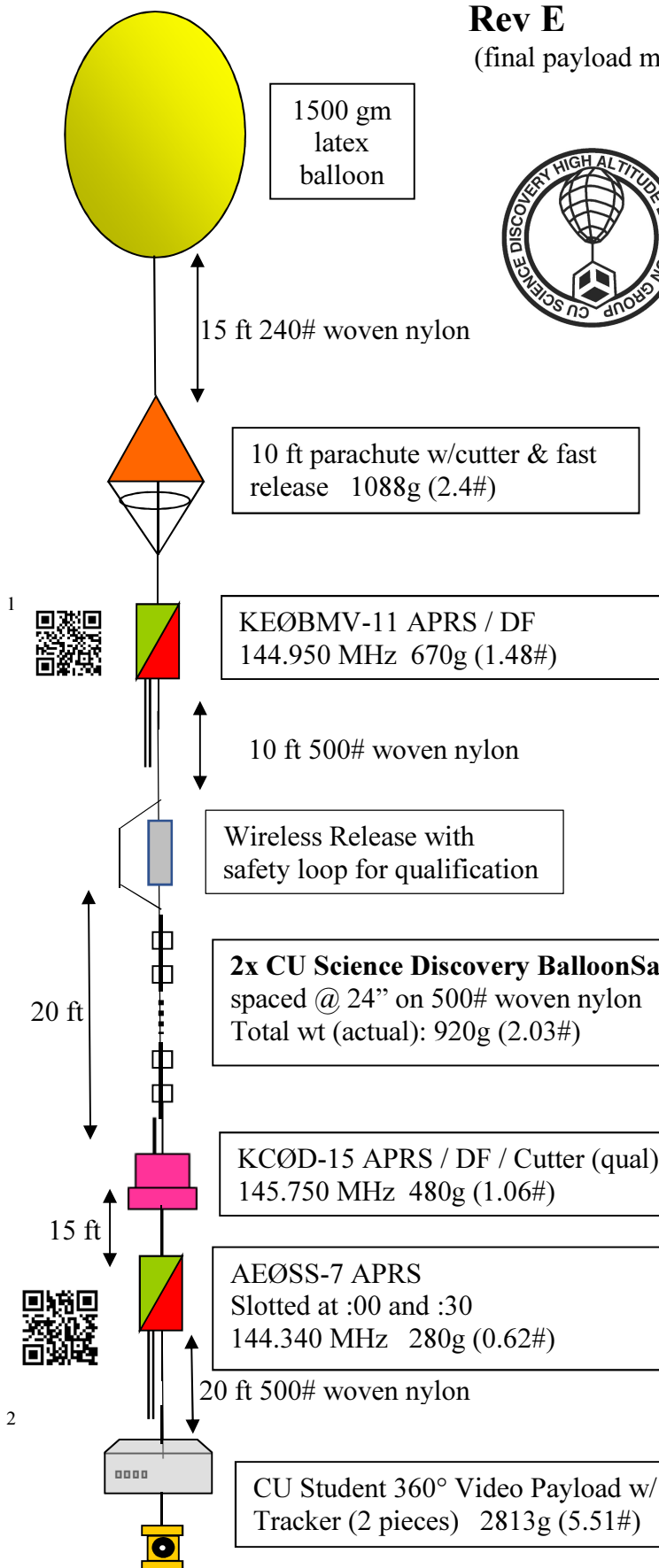
# EOSS-257 Lite

0830 MDT, 29 July 2017

## Rev E

Limon, CO

(final payload masses)



| Item                   | Weight pounds | Weight kg |
|------------------------|---------------|-----------|
| Student Payloads       | 8.23          | 3.733     |
| EOSS Payloads          | 3.77          | 1.71      |
| Parachute              | 2.40          | 1.088     |
| Neck load              | 14.40         | 6.531     |
| Balloon                | 3.31          | 1.500     |
| Gross Weight           | 17.71         | 8.031     |
| Gross Lift Factor      | 1.25          | 1.25      |
| Neck Lift              | 18.82         | 8.537     |
| H2 fill; scf (approx)  | 299           |           |
| Burst Altitude; kft km | 92.1          | 28.1      |

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KEØBMV-11 / EOSS-257

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEØSS-7 / EOSS-257

<sup>1</sup> <http://aprs.fi/ke0bmv-11> (that is a zero)

<sup>2</sup> <http://aprs.fi/ae0ss-7> (that is a zero)