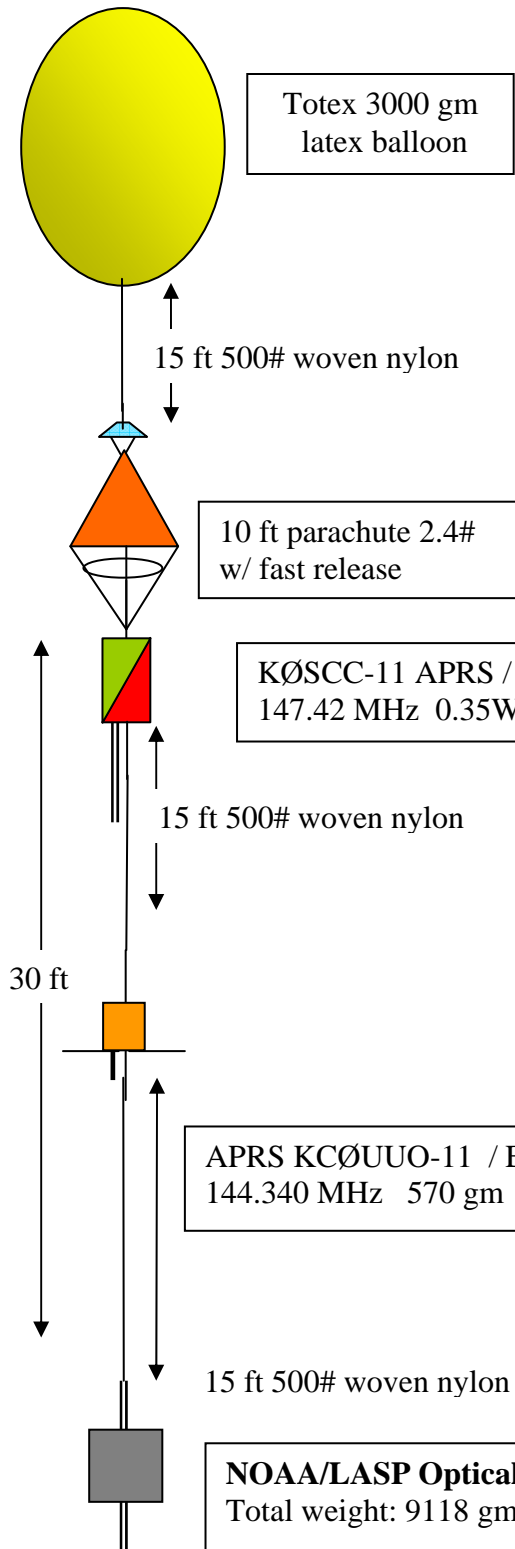


# Payload Plan

**EOSS210 06:40 MDT, 18/19 July 2015**

**Rev E: change launch time**

**Wiggins, CO**



Item	Weight pounds	Weight grams
NOAA/LASP Payload	20.10	9,118
EOSS Payloads	3.32	1,504
Parachute and cutter	2.4	1,089
Neck load	25.82	11,711
Balloon	6.614	3,000
Gross weight	32.43	14,711
Gross lift factor	1.13	1.13
Neck lift	30.03	13,623
H2 fill; scf   m <sup>3</sup>	540	14.8
Burst Altitude; kft   km	103.1	31.3

KØSCC-11 APRS / Cutter / DF  
147.42 MHz 0.35W 934 gm 2.06#

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KØSCC-11 / EOSS-210

APRS KCØUUO-11 / EOSS 0.35W  
144.340 MHz 570 gm (1.26#)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØUUO-11 / EOSS-210

**NOAA/LASP Optical Fiber Profiler Payload**  
Total weight: 9118 gm (20.10#)

No on-board radio transmitter