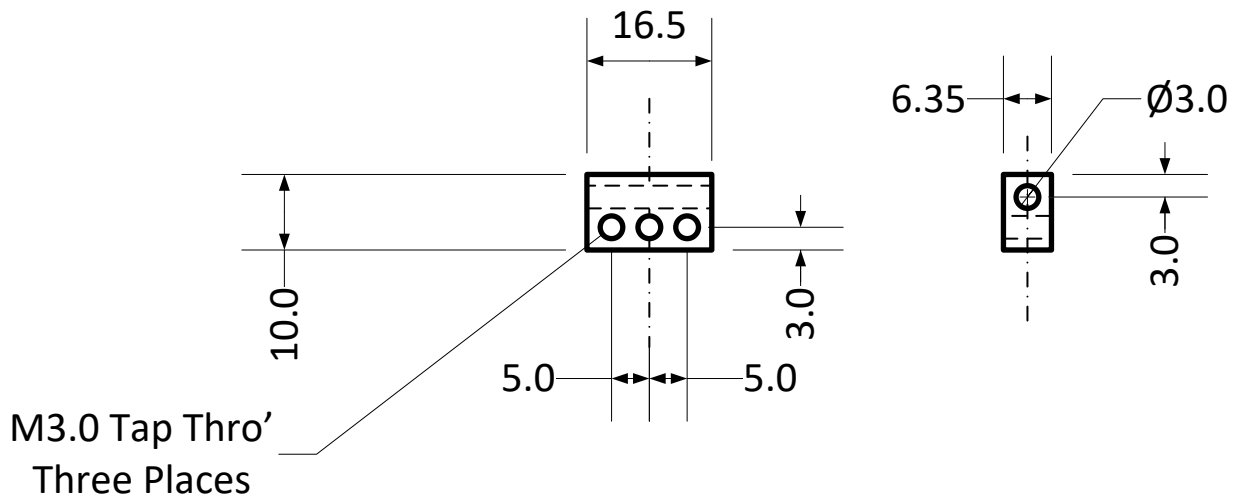
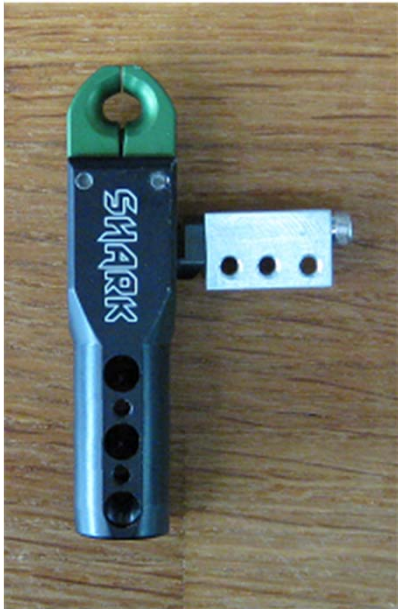


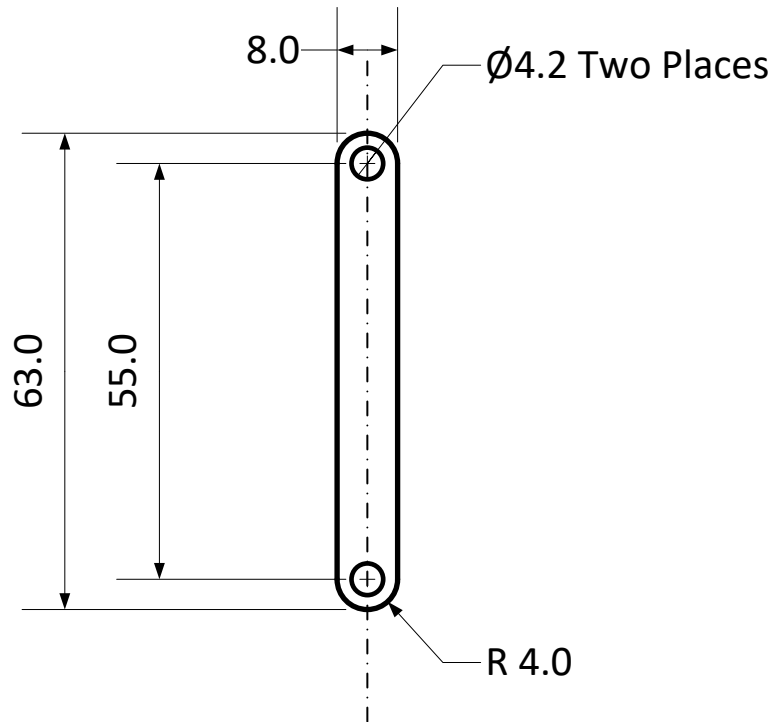
Scott Archery
Shark
Release Aid



Trigger Block

Aluminium Plate
Thickness: $\frac{1}{4}$ "

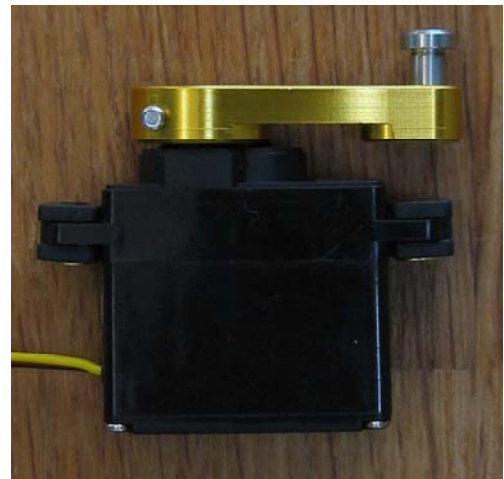
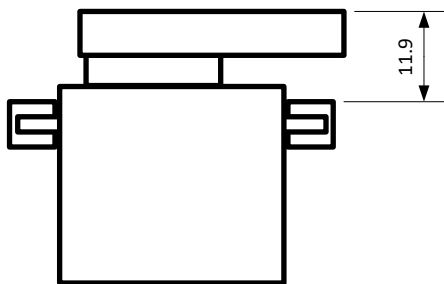
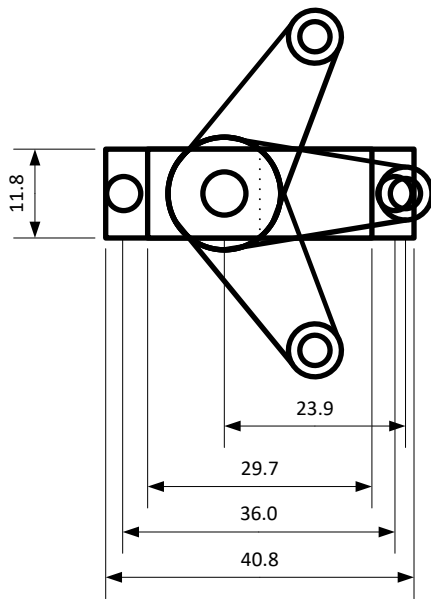
Secured with
McMaster
92196A113
4-40 UNC x $\frac{3}{4}$ " Screw



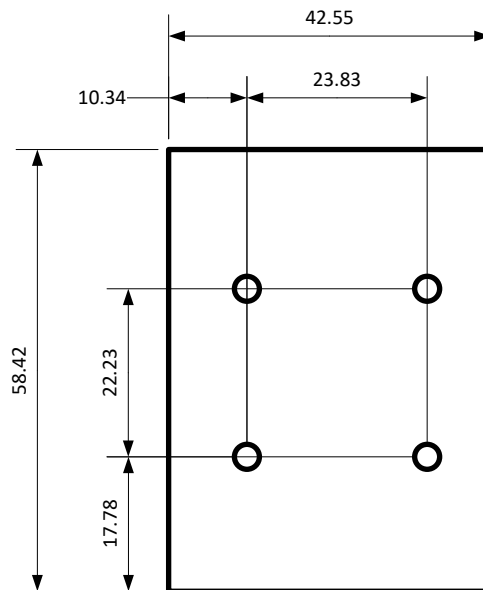
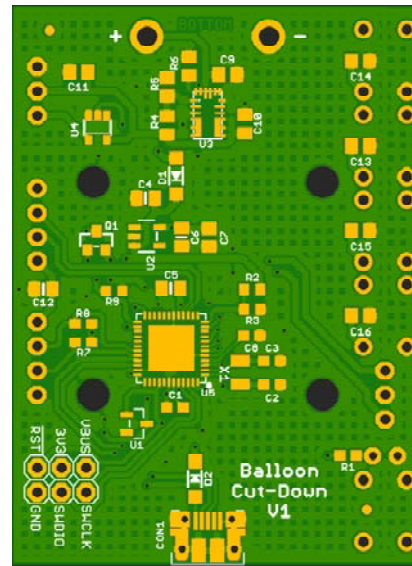
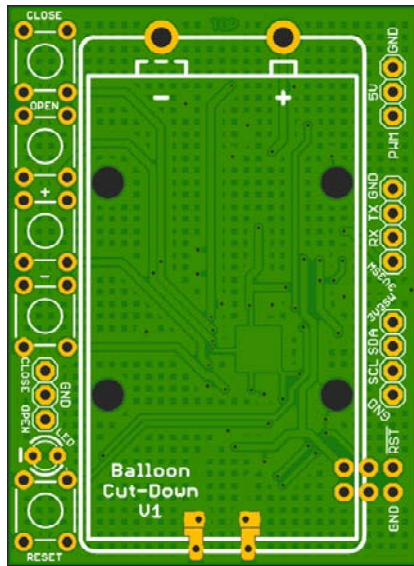
Trigger Linkage

Carbon Fibre
Composite
Panel

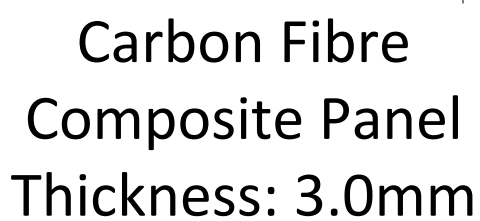
Thickness: 3mm



HiTec HS-82MG
with
Tower Pro
CH1.0H3G arm
and
McMaster
90323A211
shoulder screw



PCB and
Battery Holder
(for Energiser
Ultimate Lithium
L522 9V)



Balloon Cut-Down Base Plate

Cut-Down Device Mass Estimate

Battery (Energiser L522)	33.9g
PCB + Battery Holder	20.6g
Shark Release (No Trigger)	20.2g
HS-82MG Servo	19.8g
Base Plate	17g
M3 x 16 Screws, Nuts, Spacers (4)	5.8g
Tower Pro Arm	4.4g
Trigger Block	2.2g
Trigger Linkage	2g
M3 x 4 Shoulder Screws (2)	1.8g
M2.5 x 14 Screws, Nuts (2)	2.1g
4-40 x ¼" Screws (3)	1.5g
4-40 x ¾" Screw	1.0g

Total: 132g

Cut-Down
Device

Possible Usage

Parachute
(Collapsed)

Not shown:
thin two-core wire
linking Cut-Down
Device to Iridium
Beacon

E.g. Anixter
SPC12/0.2/BW-P100

