

NAR G Eggloft Altitude Model

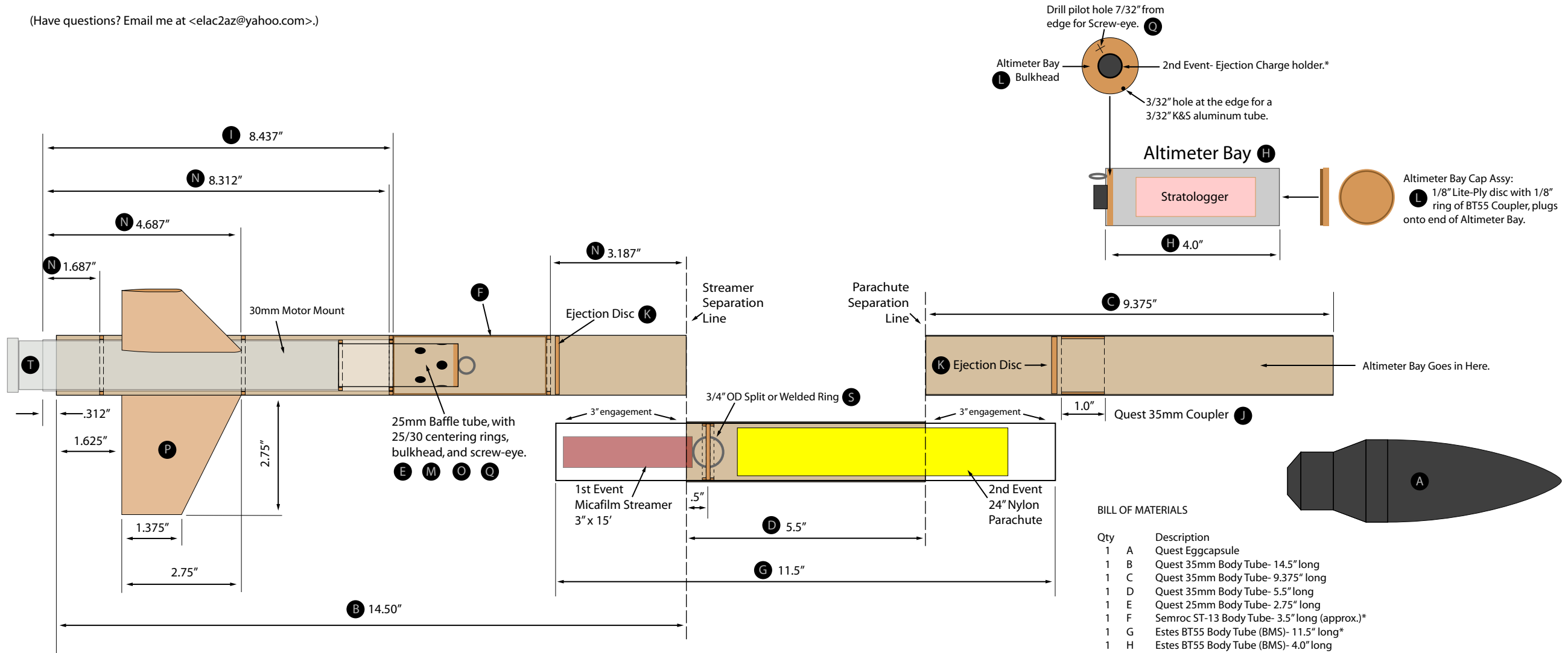
Flown at NARAM 54 to 5228 ft. on CTI G54-12.

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Do not scale.

(Have questions? Email me at <elac2az@yahoo.com>.)



NOTES*:

- First event was motor ejection- second event was ejection triggered by Stratologger.
- Semroc ST13 ("F") used because it was a perfect fit to the I.D. of Quest 35mm tubing.
- The "G"- 11.5" tube was Estes BT55 and **not** Semroc ST13 in order to allow for tuning the friction fit to both the Booster and Altimeter sections.
- The 300 lb. Kevlar was divided into two pieces:
 One piece being about 18" used to join the booster to 9 ft. of 1/4" flat elastic which was connected to the streamer side of the recovery section's welded ring.
 The second, roughly 24" piece of Kevlar was used to join the altimeter section to 9 ft. of 1/4" flat elastic which was connected to the parachute side of the recovery section's welded ring.

BILL OF MATERIALS

Qty	Description
1	A Quest Eggcapsule
1	B Quest 35mm Body Tube- 14.5" long
1	C Quest 35mm Body Tube- 9.375" long
1	D Quest 35mm Body Tube- 5.5" long
1	E Quest 25mm Body Tube- 2.75" long
1	F Semroc ST-13 Body Tube- 3.5" long (approx.)*
1	G Estes BT55 Body Tube (BMS)- 11.5" long*
1	H Estes BT55 Body Tube (BMS)- 4.0" long
1	I Quest 30mm Motor Mount Tube- 8.437" long
1	J Quest 35mm Coupler- 1" long piece
3	K 1/8" Lite-Ply Discs to fit Quest 35mm Body Tube
2	L 1/8" Lite-Ply Discs to fit Estes BT55 Body Tube
1	M 1/8" Lite-Ply Disc to fit Quest 25mm Body Tube
4	N 1/8" Lite-Ply Centering Rings- 30/35mm
2	O 1/8" Lite-Ply Centering rings- 25/30mm
3	P 1/8" Aircraft Plywood Fins
2	Q 1/4" x 9 ft. flat elastic
2	R 3.5'- 300 lb. braided Kevlar*
2	R Screw Eyes
1	S 3/4" OD Split or Welded Ring
1	T CTI 29mm- 3 grain case for G54-12