

Astrobee 500

1/12 scale

Parts List

- A) Nose Cone, Estes BNC-5S rounded to 7/8" long
- B) Payload Tube, 4 1/4" Estes BT-5
- C) Payload Coupler, Estes JT-5C
- D) Asp Body tube, 10 1/2" Estes BT-5
- E) Upper Transition, from cardstock
- F) Upper Transition Adapter Rings (2x), RA-560 from Estes multi-purpose ring set
- G) Transition Supports (2x), 3/4" sections of Estes JT-60C
- H) Nose Block, from 1/4" balsa
- I) Screw Eye
- J) 12" Parachute
- K) Shock Cord and Mount
- L) Second Stage Upper Body tube, 3 9/16" Estes BT-60
- M) Launch Lug
- N) Lower Transition Adapter Rings (2x), RA-5560 from Estes multi-purpose ring set
- O) Lower Transition, from cardstock
- P) Second Stage Lower Body Tube, 2 3/4" Estes BT-55
- Q) Second Stage Engine Tube, 2 3/4" Estes BT-20
- R) Engine Mount Adapter Rings (2x) RA-2055 from Estes multi-purpose ring set
- S) Engine Hook
- T) Upper Stage Fins (4x), from 3/82" balsa or basswood.
- U) Stage coupler, Estes JT-55C
- V) Booster Body Tube, 3 7/8" Estes BT-55
- W) Centering Strips (3x), 0.273" x 1 1/4" x 3/32" balsa or basswood
- X) Booster Engine Tube, 2 3/4" Estes BT-20
- Y) Engine Block
- Z) Nozzle Shroud, from cardstock
- AA) Nozzle Adapter Ring, RA-2050 from Estes multi-purpose ring set
- AB) Booster Fins (4x), from 3/82" balsa or basswood

One adapter ring (R) should be 1/32" to 1/16" from the front of the engine tube (Q). The other should be 13/16" to 7/8" from the rear to clear the stage coupler.

Recommended Engines:
B6-0 in booster with 1/2 A6-2,
A8-3, B4-4, C6-5
C6-0 in booster with 1/2 A6-4,
A8-5, B4-6, C6-7

Rear of engine tube is flush with body tube.

