

Top deck:

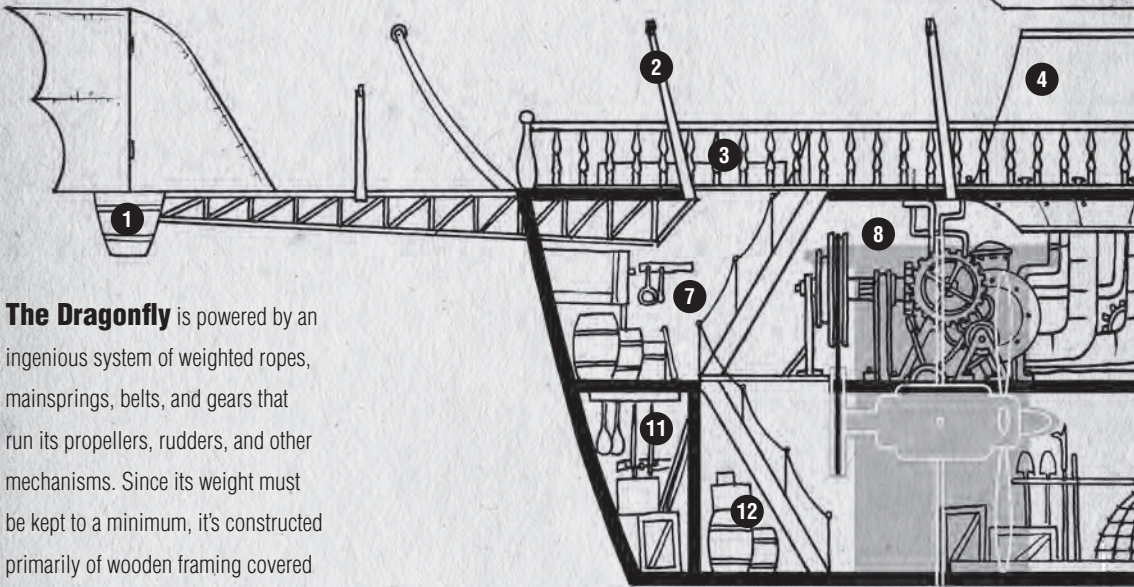
- ① Rudder service platform
- ② Balloon mooring arms
- ③ Benches/deck storage
- ④ Hot air cowling
- ⑤ Ship controls
- ⑥ Observation platform

Middle deck:

- ⑦ Galley/food storage
- ⑧ Engine room
- ⑨ Master control housing
- ⑩ Study/laboratory

Lower deck (Hold):

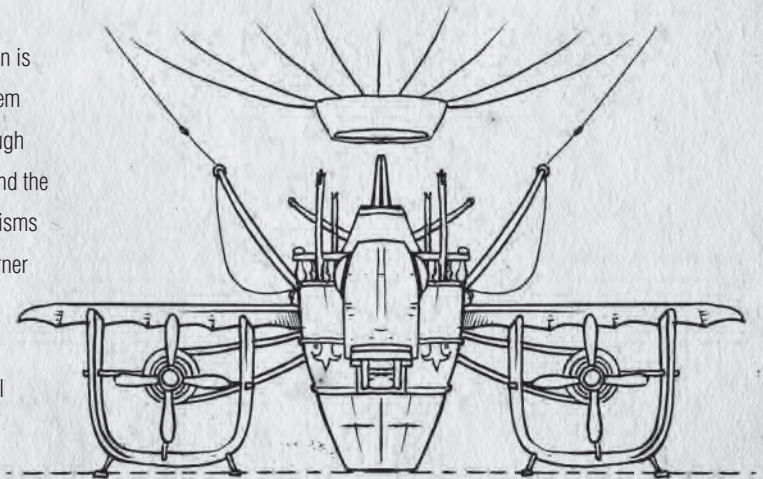
- ⑪ Armory
- ⑫ Cargo storage
- ⑬ Crane
- ⑭ Sleeping quarters
- ⑮ Retractable gangplank



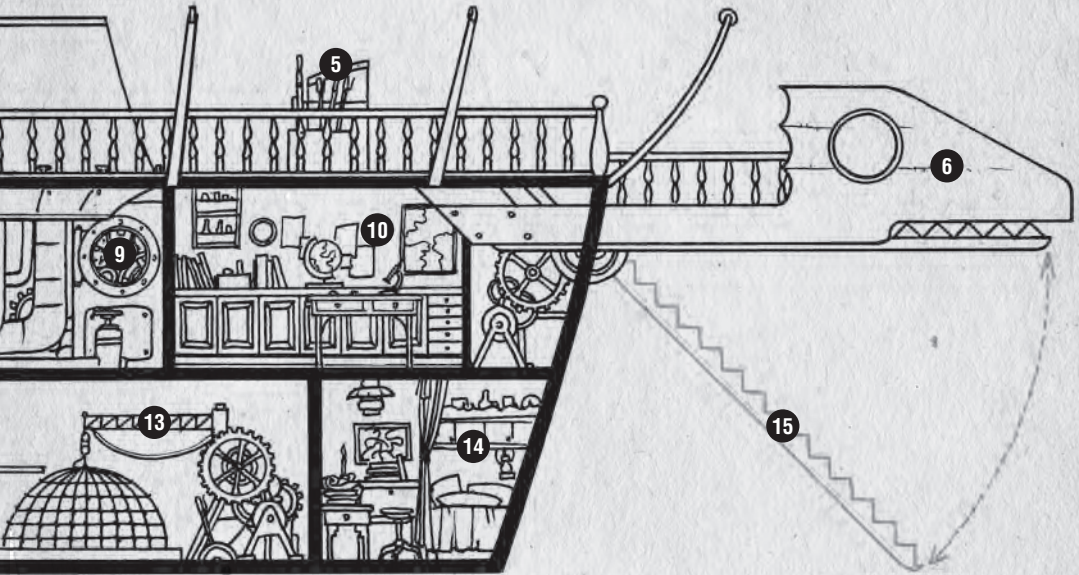
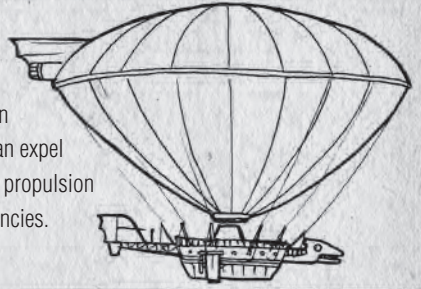
**The Dragonfly** is powered by an ingenious system of weighted ropes, mainsprings, belts, and gears that run its propellers, rudders, and other mechanisms. Since its weight must be kept to a minimum, it's constructed primarily of wooden framing covered in canvas and wicker. It is slow, as you would expect from a balloon-craft, but it has some maneuverability and propulsion capabilities thanks to its rudders and propellers.

Normally the hot air of the balloon is replenished by a heat pump system that circulates and heats air through coils in the sun-warmed wings and the friction-heated propeller mechanisms of the ship. Air is heated by a burner only when necessary, as the weight of carrying more than a small amount of combustible fuel is prohibitive.

Front view



Tailpipe on  
balloon can expel  
hot air for propulsion  
in emergencies.



Top view

