

High Guard III Construction

Configuration: Configuration is a rough description of the shape and design of the starship hull. It affects combat and determines if a ship is streamlined. Streamlining refers to the ability of the ship to land on a world with an atmosphere of 2+. Un-streamlined configurations are built in orbit under the supervision of the building shipyard, or on the surface of a vacuum world. Un-streamlined craft cannot land on a world with an atmosphere of 2+. Partial streamlining is similar to streamlined except that its atmospheric performance is reduced to a maximum speed of 1000kph. To land safely a partially streamlined ship must have a maneuver drive rating of more than the gravity of the world. A spacecraft must be at least partially streamlined if it is to undertake wilderness refueling.

The following configurations are possible:

Code	Configuration	Description	Cost Mod	Un-streamlined	Partial Streamlined	Streamlined
0	Open Frame	An open skeletal frame with no exterior covering.	—	Yes	No	no
1	Needle/Wedge	A long, pointed exterior with few square edges.	+20%	No	Yes	yes - cost +50%
2	Cone	An oblong rounded exterior with few square edges.	+10%	No	Yes	Yes - cost +100%
3	Cylinder	An oblong rounded exterior with square-edged ends.	—	Yes	Yes - cost +20%	Yes - cost +200%
4	Box	A square-edged exterior with few rounded edges.	−40%	Yes	Yes - cost +50%	No
5	Sphere	A ball-shaped exterior.	−30%	No	Yes	No
6	Dome/Disk	A half-sphere or flattened-sphere exterior.	−20%	No	Yes - cost +100%	yes - cost +200 %
7	Irregular Structure	A dispersed, modular exterior, which is not clearly definable as any one of the other possible configurations.	−50%	Yes	No	No
8	Planetoid	A metallic or rocky hollowed-out asteroid.	—	Yes	No	No
9	Buffered Planetoid	A metallic or rocky asteroid given an extra thick hull by hollowing out less of the interior.	—	Yes	No	No

Determine the craft's configuration. Apply the configuration price modifiers to the hull figures. Determine the craft's type of streamlining; apply the streamlining cost modifier to hull price.

Un-streamlined: No attempt has been made to streamline the hull. Many protrusions and irregularities exist which significantly increase the vessel's drag, making it difficult or impossible to operate the craft in an atmosphere.

Partial Streamlined: Various cowlings and fairings have been added to the hull to streamline it for operation in an atmosphere, although the streamlining is less than that provided by a streamlined configuration.

Streamlined: The hull has been designed for high performance in an atmosphere. In order to achieve such performance; exterior design has been a priority.

Peter's notes:

Additional verbiage mostly lifted from MT Referee's Guide pages 57, 63, and 86. All speeds and costs are from MT and are negotiable. Red is new or altered text.