

40-Ton Pinnacle

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The 40-ton pinnacle is a common utility craft found in most systems throughout charted space, manufactured by a variety of companies in numerous configurations. Practically any shipyard can undertake modifications to the basic pinnacle and the individual variants are almost without number. This publication deals with four of the more common types.

40-ton Standard Pinnacle

The most common use for the 40-ton pinnacle is as a surface interface craft for a starport or other installation. It is too large to serve as a small craft for any spacecraft much below 1,000 tons. The standard configuration incorporates a two-seat flight deck with positions for a pilot and a flight engineer, a fresher for use by the crew and any passengers, an airlock, standard avionics and flight control packages, fuel tanks, a passenger section (with 16 adequate seats), a cargo section (with 00 tons of cargo space and a rear loading hatch), and a 5g maneuver drive.

The engineering stations (13) are not normally manned while in flight – the flight engineer monitors their operation from the FE station in the cockpit.

The standard configuration is intended for short jaunts lasting less than 12-16 hours. On-board life support is good for considerably longer than that, but no provision is made for extra crew or the long-term comfort of the crew or passengers.

In most variants, the cockpit and engineering sections are identical, and their descriptions are not repeated unless something changes significantly.

Emergency exit panels are located on the pinnacle's dorsal and ventral surfaces, every two meters – these are explained in more detail in the engineering section.

The deck plans presented in this booklet are numbered rather than labeled, to allow referees to change the coding and show the plans to their players without giving away any secrets (such as the locations of the emergency exits).

Variable Geometry Wings: The 40-ton pinnacle is equipped with variable geometry “swing wings,” which allow for greater efficiency in atmospheric maneuvers.

Cockpit

The cockpit consists of the area forward of the airlock and fresher, and is separated from the remainder of the vessel by a pressure tight sliding door which can be locked for security purposes.

1. Avionics: A standard avionics package is fitted to all models (passive and active sensors, comms, and navigation systems).

2. Pilot's Station: The pilot occupies this station during flight.

3. Flight Engineer's Station (FE): The flight engineer monitors all systems from this station during flight.

4. Supply Lockers (P/S): The two supply lockers in the cockpit contain standard emergency gear, including tools and spares, two rescue balls, and basic first aid and survival supplies. Crew are expected to provide their own vacc suits.

Passenger/Cargo Section

The passenger section and cargo sections can be reconfigured by adding or deleting

