

If printed 17 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



NOTES

DECK 6

The layout of this deck is similar to the FJ design for the Constitution-class ship. I like the tri-radial symmetry. As on Deck 5, the turbo-elevator shafts are separated by 120°. I also added 4 more turbo-elevator storage spaces. This network is not as extensive as the FJ design; walking a few hundred feet or meters should not be an issue. Also, this network does not need to reach outward as much because it does not then drop down to Deck 7.

Over half of this deck is devoted to Crew Quarters. Most of the remaining space is filled by the Hangar Bays.

The windows around the edge of the Primary Hull governed the location of the two Recreation Rooms / Lounges. They have balconies (on Deck 6) which overlook the main level (on Deck 7). Stairs lead down from the balconies to each Lounge. There are also stairs at the bow, behind the Deflector Equipment.

Small Lounges are located at the two aft window locations. The nearby stairs lead down to the Cargo Operations Centers. This will be discussed below.

In the center are 3 relaxation areas. The one at the front is a Lounge. The other two are Messrooms, serviced by food dispensers which are directly connected to the Food Preparation area on Deck 8.

Aft of the two Messrooms is a corridor leading to the Hangar Bay foyer. Airlock doors lead to the Hangar Bays. Aft of the Foyer is Warp Engineering, Deuterium Tanks, and Environmental Engineering. At the rear is the Work Bee Maintenance Area.

The Emergency Manual Monitor is immediately to port of the Warp Engineering Highbay, but it can only be reached by a ladder from below, on Deck 7.

Environmental Lockers (EL) or storage spaces are distributed all around the deck, mostly concentrated near the 2 large rectangular escape hatches in the ceiling (shown here in orange).

Work bees (and/or other small craft) are in storage compartments accessed from the Hangar Bays.

DECK 7

The windows around the edge of the Primary Hull governed the location of the two Recreation Rooms / Lounges. They have balconies (on Deck 6) which overlook the main level (on Deck 7). Stairs lead up from each Lounge to the balconies. There are also stairs at the bow, behind the Deflector Equipment.

Cargo Transporters and Cargo Lifts are located at the two aft window locations. Stairs are also located beside each Cargo Lift. Oversized doors provide access to the cargo holds and the Shuttlecraft Maintenance area.

The grey area represents the concave cutout on the underside of the Primary Hull. This area could be used to store water, or fuel, or air, or more general cargo. I leave the area grey (for the most part) so as to clearly set it apart from the rest of the deck.

The rear half of the concave undercut of the Primary Hull was flattened so as to strengthen the hull at the point where the warp pylons attach to the Primary Hull. This allowed an expansion of Engineering.

The center of this Deck contains the ship's Main Computers. The ring around the Computers contains Sickbay. Sickbay includes various labs, offices, and a post-surgery recovery area. Aft of the Main Computers is the machinery for the Food Conveyors. Aft of that machinery is a storage area for Medical Supplies.

The ring around Sickbay contains the Armory, Briefing Room, Chapel, a few more offices, and airlocks where the 2 Main Landing Legs used to be. Those were replaced with hatches for extra-vehicular activities. The ring also contains four Transporters (for 6 people) as well as two Emergency Transporter (for 22 people). Corridors lead to the Shuttlecraft Maintenance Areas.

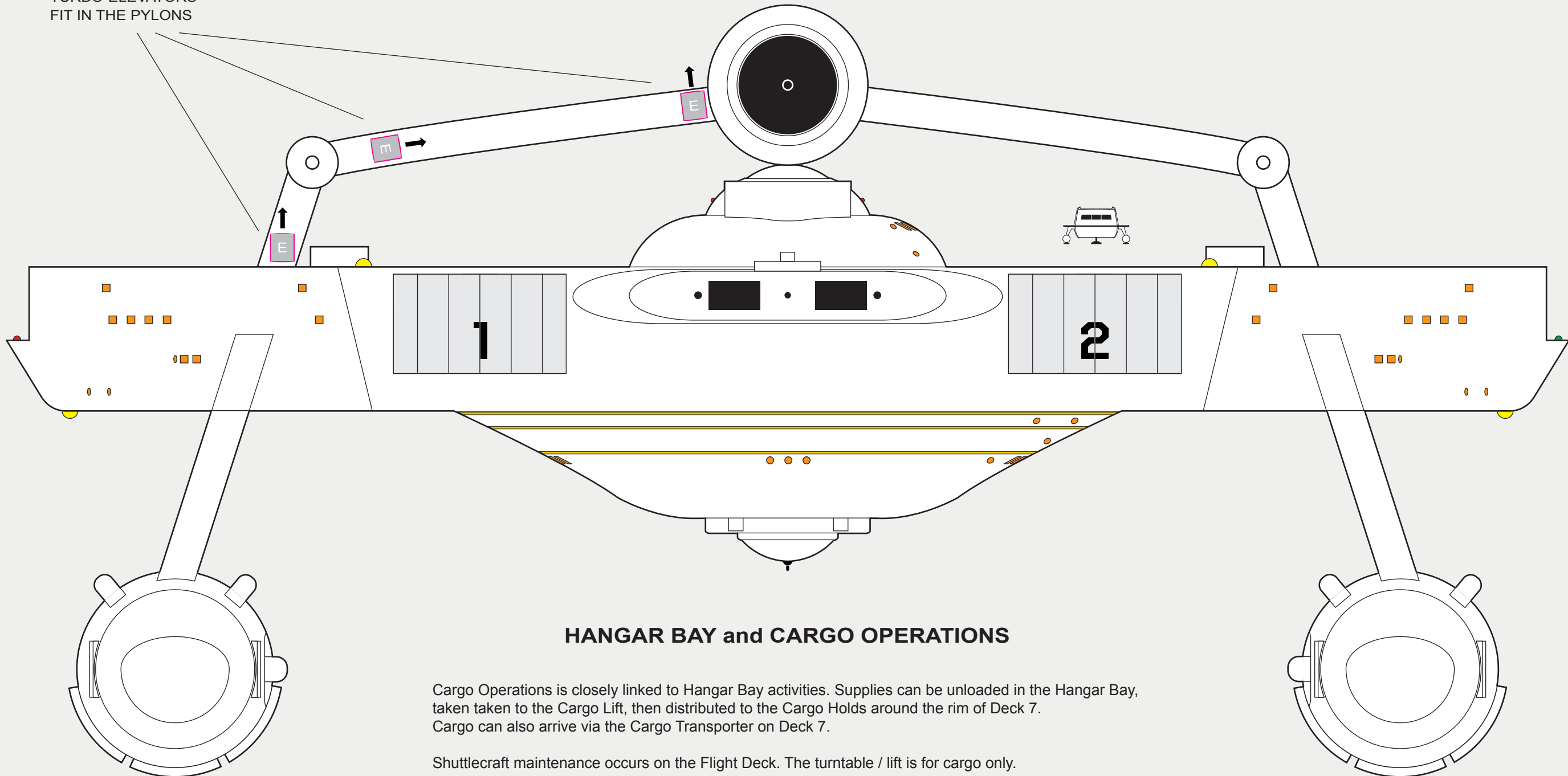
Aft of the turbo-elevator shaft is Warp Engineering. This area includes a Dilithium Energizer Station, an Engineering Machine Shop, and Engineering Computers. Further outboard are Jefferies Tubes and power conduits leading down the pylons to the engine nacelles.

Two ladders are on the port side of Warp Engineering. One of the ladders leads up to the Engineering Highbay and the other ladder leads up to the Emergency Manual Monitor.

The Turbo-elevator Maintenance Shop is aft of the power conduits and Phasers are aft of that. The Brig is at the extreme rear on the starboard side. The rest of this space is set aside for mission-specific storage.

REAR, LOOKING FORWARD

TURBO-ELEVATORS  
FIT IN THE PYLONS



HANGAR BAY and CARGO OPERATIONS

Cargo Operations is closely linked to Hangar Bay activities. Supplies can be unloaded in the Hangar Bay, taken taken to the Cargo Lift, then distributed to the Cargo Holds around the rim of Deck 7. Cargo can also arrive via the Cargo Transporter on Deck 7.

Shuttlecraft maintenance occurs on the Flight Deck. The turntable / lift is for cargo only.