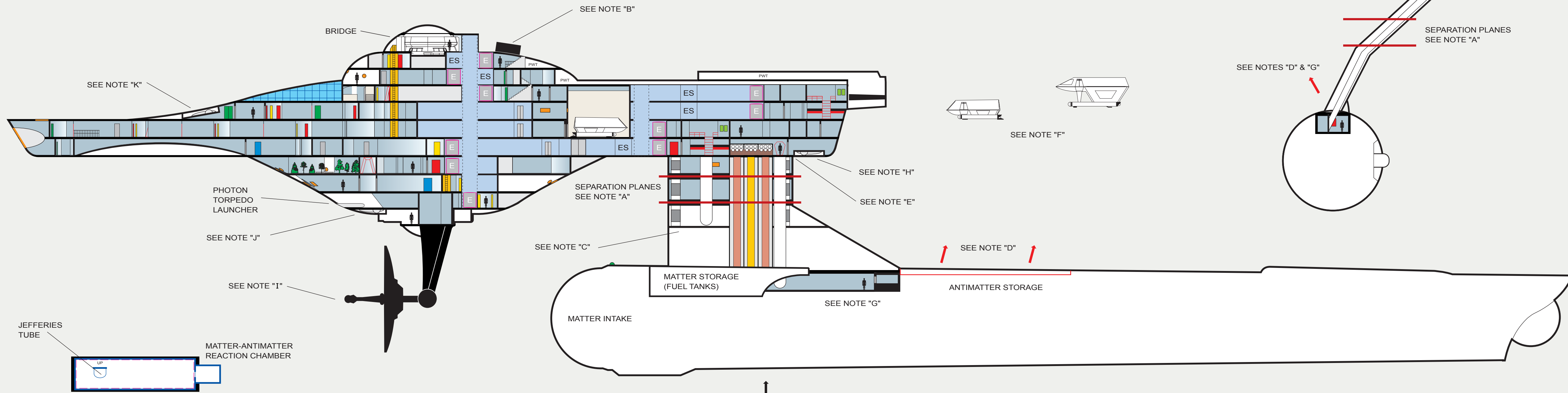
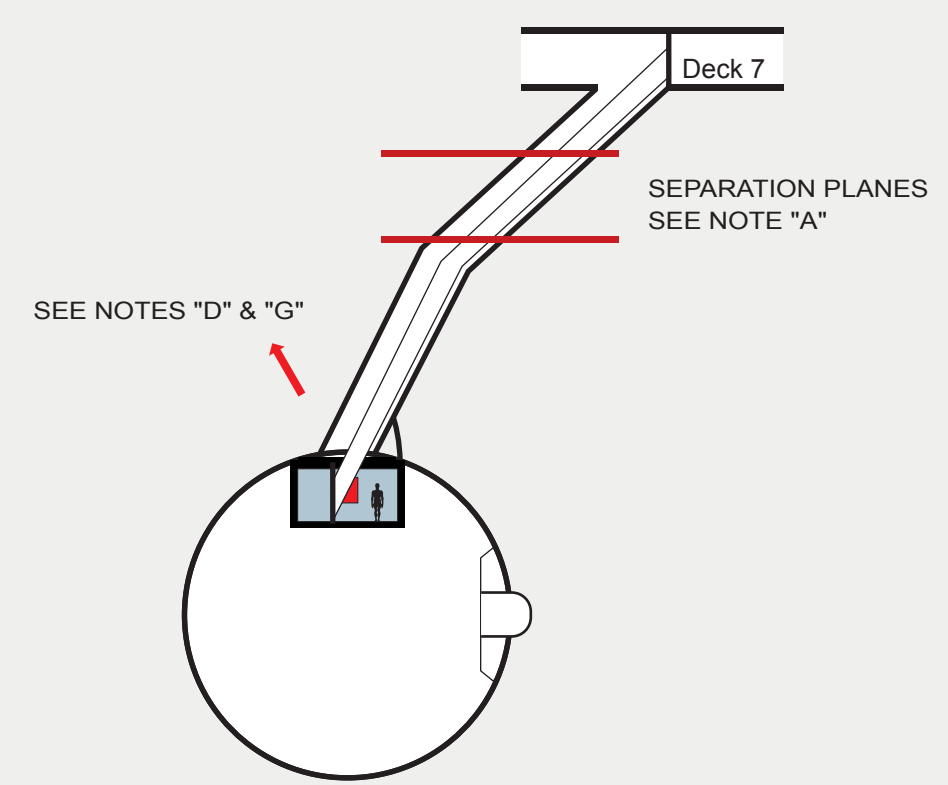




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STARBOARD ENGINE INSPECTION STATION
(Cross-section, Looking Aft)



STARBOARD ENGINE INSPECTION STATION
(Plan View)

STARBOARD ENGINE INSPECTION STATION
(Cross-section, Looking Aft)

NOTES

- A**
Two "Separation Planes" were installed in each pylon for extra safety.
 - B**
This is the "Emergency Crew Escape" hatch, to be used after the Primary Hull has detached from the Warp Engines and made an emergency landing.
 - C**
The details in this pylon and engine would not normally be visible in such a cutaway. They are shown here for clarity.
 - D**
Antimatter is created / stored in the engine nacelles. In an emergency, the red-outlined panels swing open and the antimatter is ejected up and to the rear.
 - E**
The undercut on the bottom of the Primary Hull affects Deck 7. However, the connection to the warp engine pylons required reinforcement, so Starfleet Engineers flattened the rear half of the deck. This will be shown on Page 7 and discussed on Page 9.
 - F**
The Shuttlecraft used here measure 28 feet (8.5 meters) in length, as suggested by the size of the interior set. The studio prop was 21 feet (6.4 meters) which was about 3/4 of the intended size. In one episode of STAR TREK, Captain Kirk mentioned the Shuttlecraft is 24 feet (7.3 meters) long.
- Special thanks to Dana E. Lubich for permission to display the Cargo Shuttle design which Dana developed 30 years ago.

- G**
The Matter-Antimatter Reaction Chamber is heavily shielded and partly recessed within the Warp Engine nacelle.
- H**
These Phasers cover the aft ventral quadrant. Two other Phasers (not visible in this cutaway) cover the aft dorsal quadrant.
- I**
The Tractor Beam Emitter is built into the Main Sensor Dish.
- J**
These Phasers cover the forward ventral quadrant.
- K**
These Phasers cover the forward dorsal quadrant. Phaser Control is also here.
- L**
These 3 pale gold-coloured recessed rings are part of the Tractor Beam system. See Page 10 for more information.

CUTAWAY SYMBOLS

	STRAIGHT WALL		DOORS
	CURVED WALL		ISOLATION DOORS
	CUTAWAY ALONG WALL		PRIVACY SCREENS
	INNER FACE OF HULL		RECTANGULAR LADDER ALCOVE
	CUTAWAY THROUGH DECK		ROUND LADDER ALCOVE
	CUTAWAY ACROSS WALL		STAIRS
	CUTAWAY THROUGH DOOR		RAILING
	TREE, SHRUB		JEFFERIES TUBE