



LOCATION OF ENGINE CROSS-SECTION (Looking Aft)

NOTES

- A**
The location of the "Separation Plane" was determined by the spacing and thickness of the decks. The Rear Landing Leg is here.
 - B**
This is the "Emergency Crew Escape" hatch, to be used after the Primary Hull has detached from the Warp Engine and made an emergency landing.
 - C**
The height of the bump behind the Bridge has been increased to allow a turbo-elevator to fit. See next page for more info.
 - D**
Antimatter is created / stored in the engine nacelle. In an emergency, the red-outlined panel swings 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 dorsal decks allows Deck 7 to be flat at this location. Therefore the floor in Warp Engineering will be flat, except along the left and right edge. This will be shown on Deck 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**
Deck 14, the Matter-Antimatter Reaction Chamber, is heavily shielded and partly recessed within the Warp Engine nacelle.
- H**
The Destroyer has Photon Torpedo Launchers. The Scout has Probe Launchers.
- I**
The Destroyer has rearward-firing Photon Torpedo Launchers. The Scout does not.
- J**
Both Destroyers and Scouts have Phasers at this location. Destroyers also have port and starboard Phasers on Deck 5.
- K**
The Tractor Beam Emitter is built into the Main Sensor Dish.
- L**
When required, the Main Sensor Dish can rotate downward, then retract up and out of the way of the Bussard Engine intake.
- M**
These 3 pale gold-coloured recessed rings are part of the Tractor Beam system. See Page 11 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 |