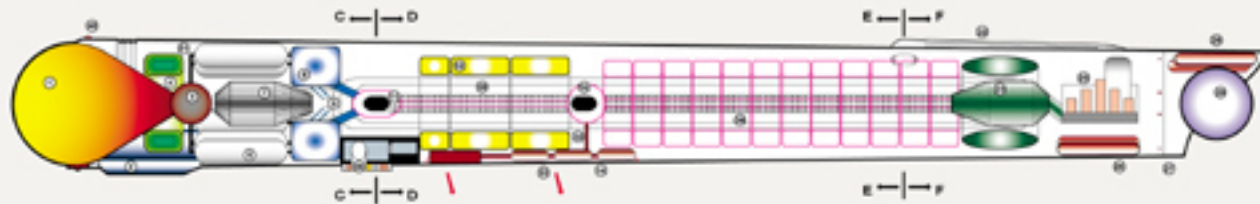


WARP ENGINE NACELLES



WARP ENGINES From STAR TREK (TOS)

LAYOUT: CONTROL REACTOR on TOP

PAGE 1 of 6

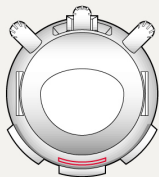
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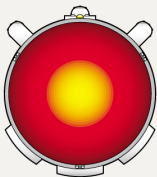
If printed 10 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



REAR



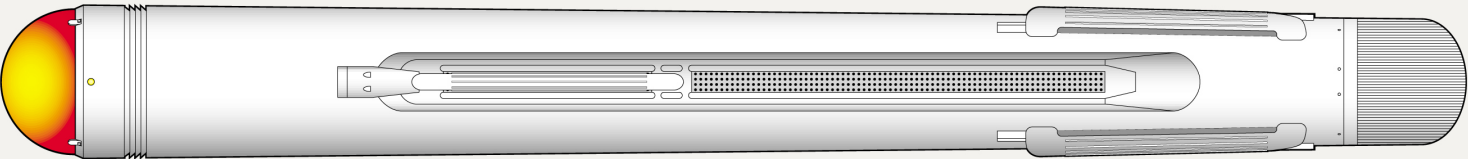
FRONT



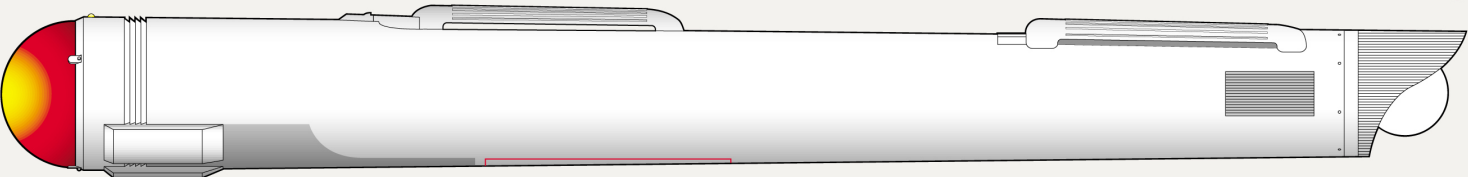
NOTES

- | | |
|-----------------------------------|--------------------------------|
| ① BUSSARD COLLECTOR | ⑥ MATTER STORAGE (FUEL TANKS) |
| ② BUSSARD FIELD GENERATOR (3 PLS) | ⑦ INDUCTION COIL |
| ③ INTAKE FLOW SENSOR (3 PLS) | ⑧ FIRST STAGE PLASMA CYCLOTRON |
| ④ MATTER FILTRATION | ⑨ EMERGENCY PLASMA VENTS |
| ⑤ MATTER COMPRESSION | ⑩ PLASMA FEED LINES |

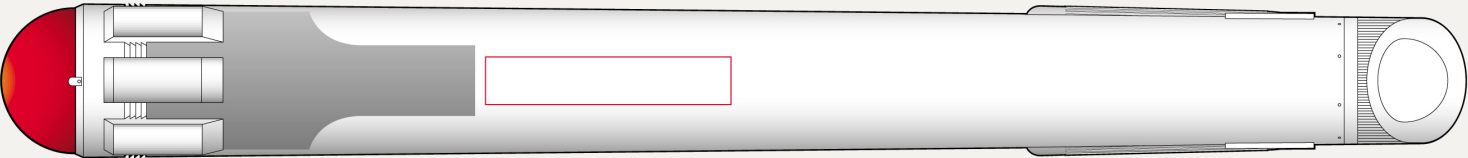
TOP



SIDE



BOTTOM



WARP ENGINES From STAR TREK (TOS)

LAYOUT: CONTROL REACTOR on LEFT PAGE 2 of 6

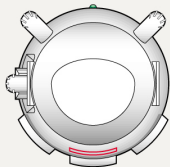
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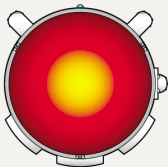
If printed 10 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



REAR



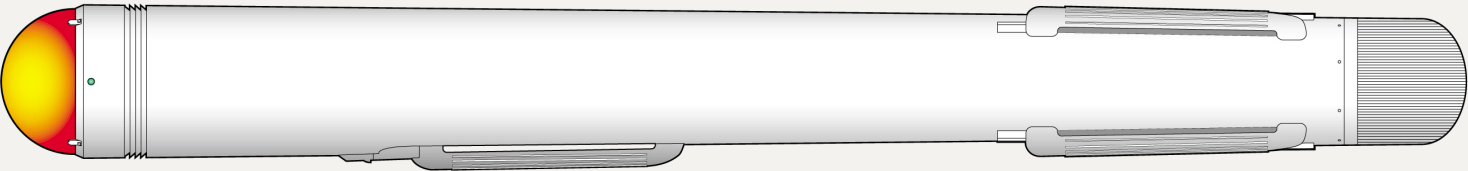
FRONT



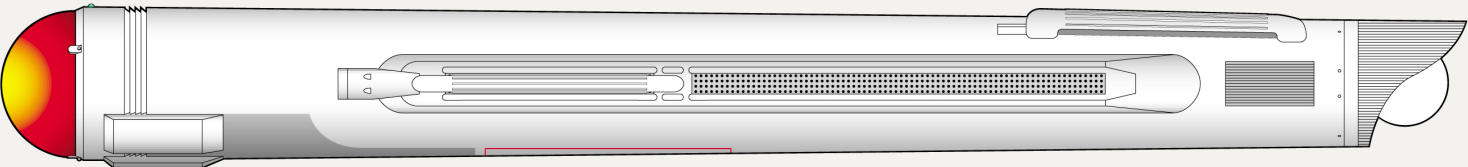
NOTES

- | | |
|----------------------------------|----------------------------------|
| 11 CONTROL REACTOR FEED | 16 CONTROL REACTOR RETURN |
| 12 SECOND STAGE PLASMA CYCLOTRON | 17 CONTROL REACTOR |
| 13 ANTIMATTER GENERATOR | 18 ANTIMATTER INJECTOR |
| 14 ANTIMATTER STORAGE | 19 SPACE WARP GENERATOR |
| 15 MAGNETIC INJECTOR | 20 GRID SUPPORTS (EXTERNAL ONLY) |

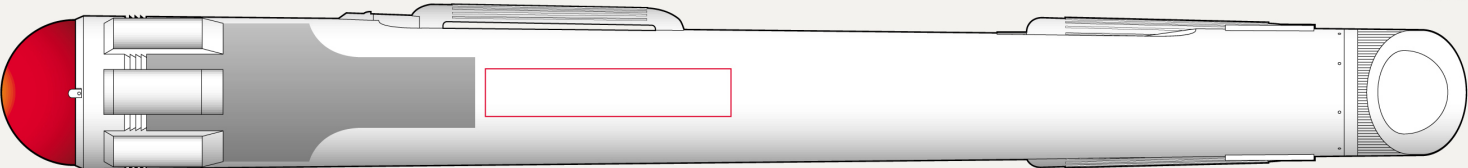
TOP



SIDE



BOTTOM



WARP ENGINES From STAR TREK (TOS)

LAYOUT: CONTROL REACTOR on RIGHT PAGE 3 of 6

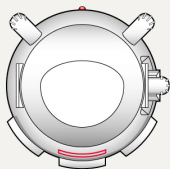
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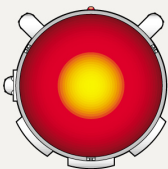
If printed 10 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



REAR



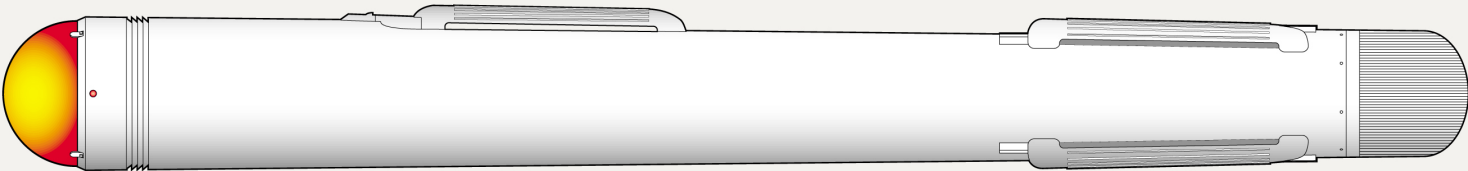
FRONT



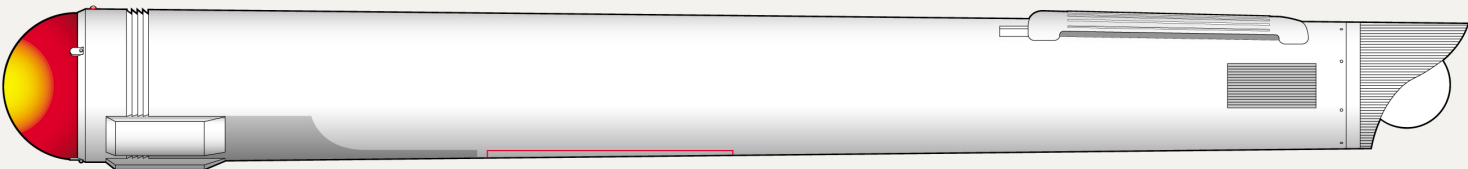
NOTES

- | | |
|---|---|
| 21 INTERCOOLER
FEED (P/S) | 26 SPACE MATRIX RESTORATION
(SECOND STAGE) |
| 22 INTERCOOLER (P/S) | 27 SPACE MATRIX
FIELD SENSORS |
| 23 MATTER / ANTIMATTER
INTEGRATOR | 28 SPACE MATRIX RESTORATION
(THIRD STAGE) |
| 24 INTERCOOLER
RETURN (P/S) | 29 SPACE MATRIX
RESTORATION (FINAL STAGE) |
| 25 SPACE MATRIX
RESTORATION
(FIRST STAGE) | 30 HEAT DISSIPATION
FINS (P/S) |

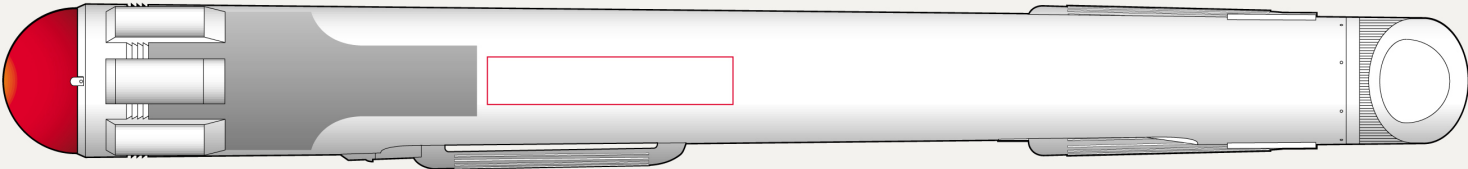
TOP



SIDE



BOTTOM



WARP ENGINES From STAR TREK (TOS)

LAYOUT: CONTROL REACTOR on BOTTOM PAGE 4 of 6

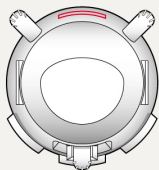
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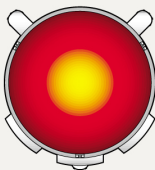
If printed 10 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



REAR



FRONT



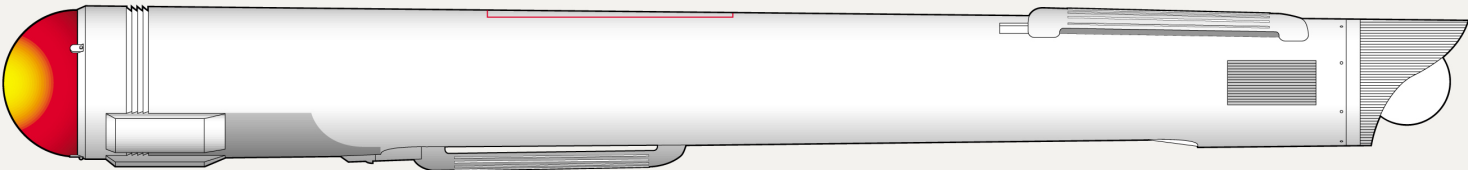
NOTES

- | | |
|--|----------------------------------|
| 51 FUEL LINES | 56 JEFFERIES TUBE |
| 52 ANTIMATTER FUEL LINES | 57 INSPECTION STATION |
| 53 ANTIMATTER EJECTION PANEL | 58 ANTI-NEUTRON DISSIPATION GRID |
| 54 AXIALLY MOUNTED PLASMA MONITORS | 59 TACHYON DISSIPATION GRID |
| 55 AXIALLY MOUNTED SPACE WARP MANIPULATORS | 40 FORMATION LIGHT |

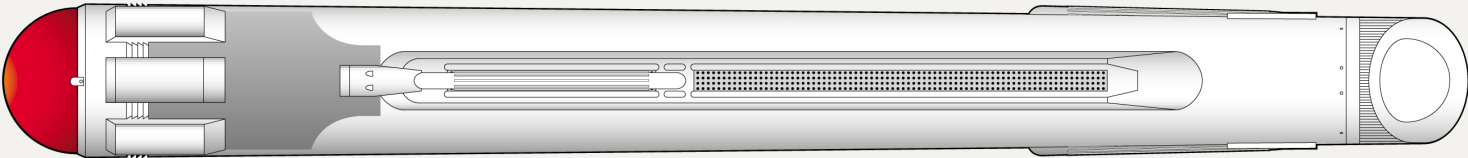
TOP



SIDE



BOTTOM



WARP ENGINES From STAR TREK (TOS)

LAYOUT: old CONTROL REACTOR on LEFT PAGE 5 of 6

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DRAWN BY: Jim Botaitis

"Adjust the sine wave of this magnetic envelope so that anti-neutrons can pass through it but anti-gravitons cannot."

Improvements in warp field containment techniques resulted in an increase in efficiency, a decrease in signature detection, and the pale blue glow of the Dissipation Grids was eliminated.

If printed 10 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



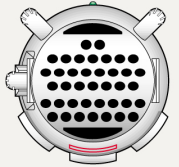
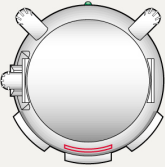
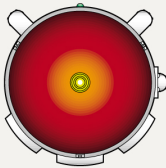
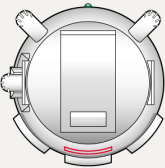
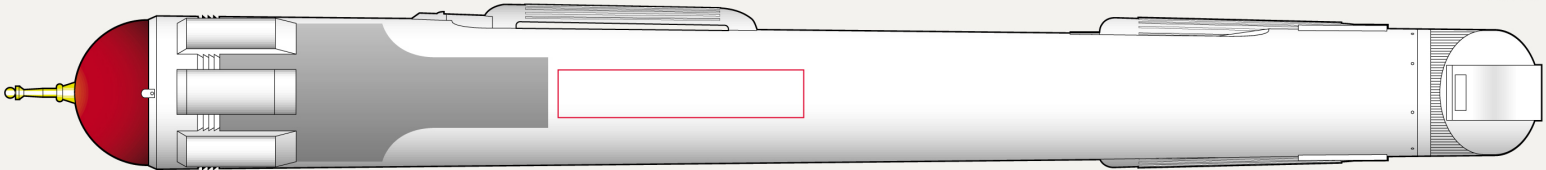
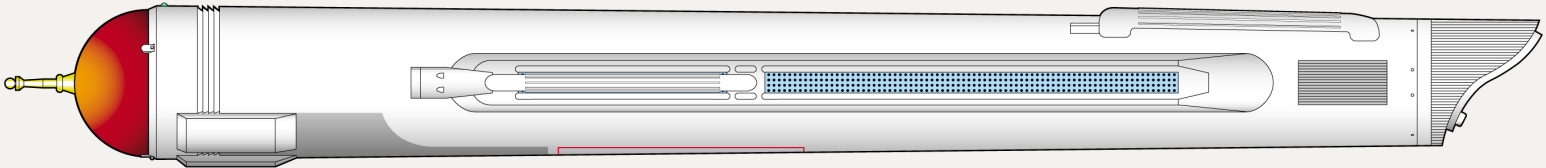
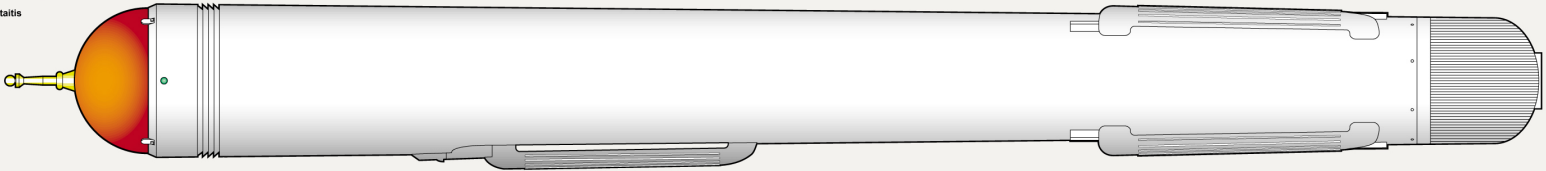
REAR

FRONT

TOP

SIDE

BOTTOM



WARP ENGINES From STAR TREK (TOS)

LAYOUT: CUTAWAY VIEWS *

PAGE 6 of 6

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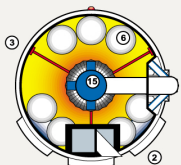
DRAWN BY: Jim Botaitis

* These are views of a nacelle with the Control Reactor on the starboard side. In some views, certain items are shown with only a pink outline or removed completely so as to more clearly display other items in the background.

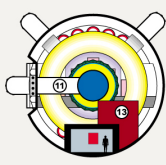
Other orientations would be similar, mostly involving a rotation of the Plasma Cyclers, Chilling Panels and the Antimatter Ejection Panel.

Of course, adjustments have to be made for the attachment point to the ship, the Jefferies Tube, the Power Conduits, and the Inspection Station.

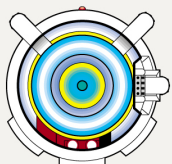
C-C
LOOKING
FORWARD



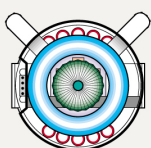
D-D
LOOKING
AFT



E-E
LOOKING
FORWARD



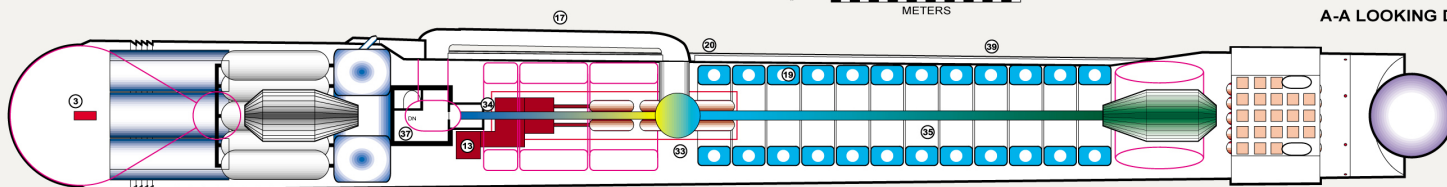
F-F
LOOKING
AFT



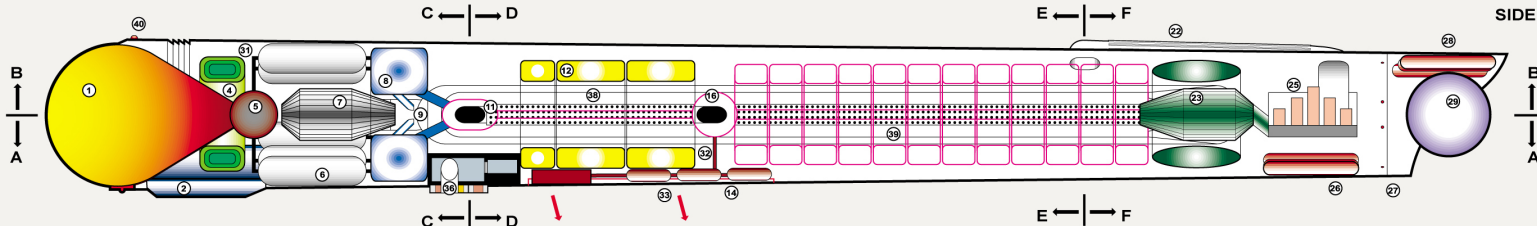
If printed 10 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



A-A LOOKING DOWN



SIDE



B-B LOOKING UP

