

THE YELLOW MAN GROUP  
Presents

The Complete  
**IMBECILE'S**  
Guide to

Building and Detailing  
The Moebius 1/32 Scale

**JUPITER 2**



**Herb S. Hampton**



ROCK CHICK PUBLICATIONS



**JUPITER 2 DETAIL GUIDE**



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Dedicated to Tamara Wiehe

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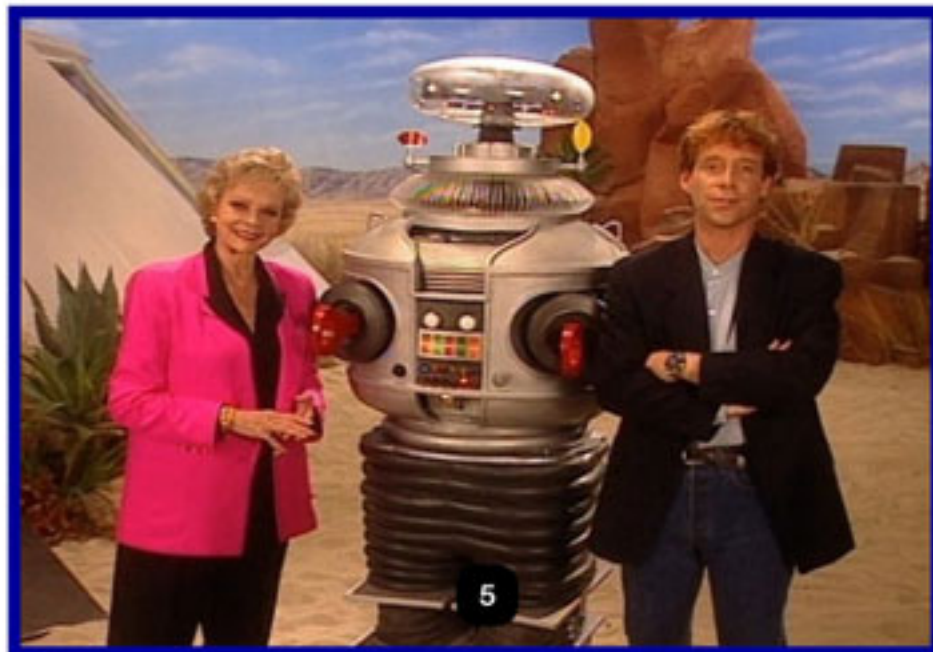
Thanks to all the members of



And  
Thank You Frank for helping us hang on to  
our childhood for just a bit longer.



# LOST IN SPACE



# Secrets of **REVEALED** The Jupiter 2

The Moebius kit represents the 3rd season Jupiter 2, the first few photos are from the pilot episode and highlight several features not clear in later photos. Some of these details only appear in first season episodes and are for reference purposes only.



6



7



The Pilot Episode, had an elevated floor section.



8



9



10



11





Here is a very rare look at the small store room interior located behind the communication station just to the right of the Flight Controls. This is the only time we see the inside of this area.



12



This is the viewport next to the main hatch, the switch to open and close the blast cover are to the right of the opening. The cover slides open downward.



The UV shield rises on the innermost hatch of the airlock.

13



The Flight Recorder (Top Left) and Atomic Clock (Bottom Right). The Cabin Pressure Control (Star), replaced with a larger panel later in the series. Note: the position of the air tank on the bulkhead below, (Valve up) later shown upside down, a total of three tanks this location.



14



The gyroscope enclosure.



Gyroscope, Flight Recorder, and Atomic Clock

15





Let's dig into details, here we see a cork bulletin board inside the storeroom next to the ladderwell (1). It is a standard 24" x 36" aluminum framed bulletin board found in any office supply. In 1/32 scale the measurement would be 1 1/8" x 3/4" on .020 mil thick sheet styrene, use Plastruct # 90711 for the frame. A chart of the solar system is pinned to it's face  
 The gyro inside the astrogator has a J-2 hull shaped objet on the top of the assembly, it is yellow with a black spiral pattern.

16



2

Use the above images full size and print them to white decal film.



1



3

Use this image full size on clear decal film.

I have included images here for the cork board face, solar system chart and spiral pattern.



Look very closely at this shot, you can just make out the faint outline of a small cabinet door in the base of the astrogator directly under the joystick.

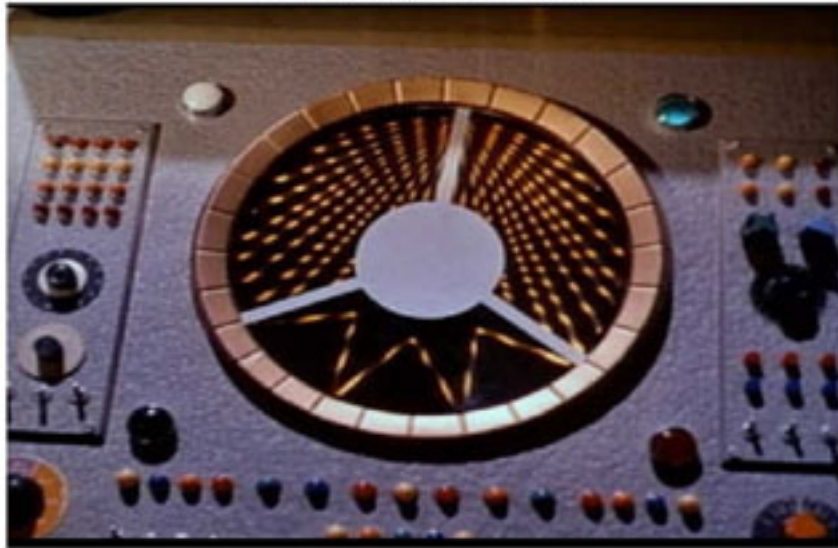
17



**Main Flight Controls**



**Center Console**



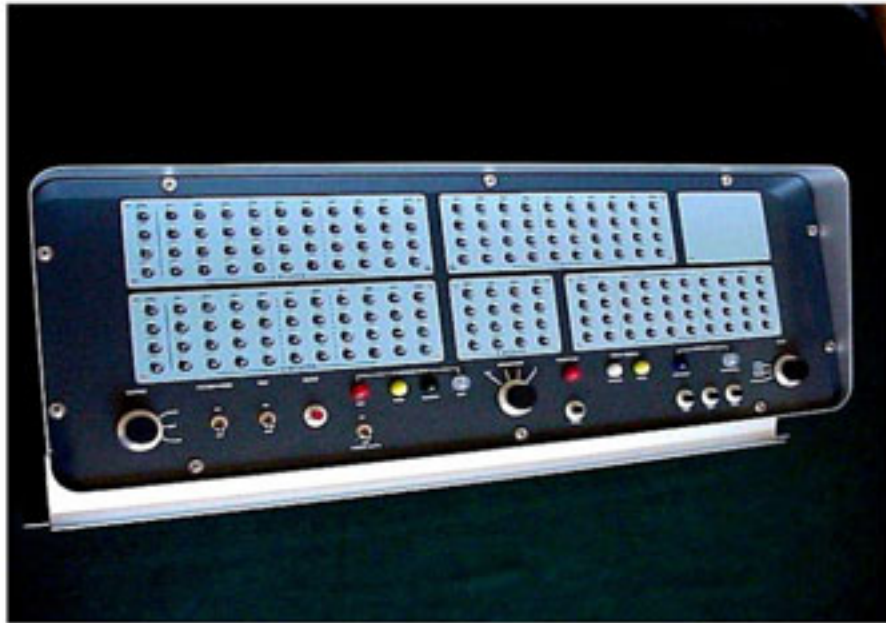
**Center Radar Panel Detail**

**18**



**Smaller Cockpit Panels**

**19**



Note: Face of Panel Dark Navy Blue Anodized Finish.



Smaller Cockpit Panels



The Starboard side storeroom, transforms yet again...



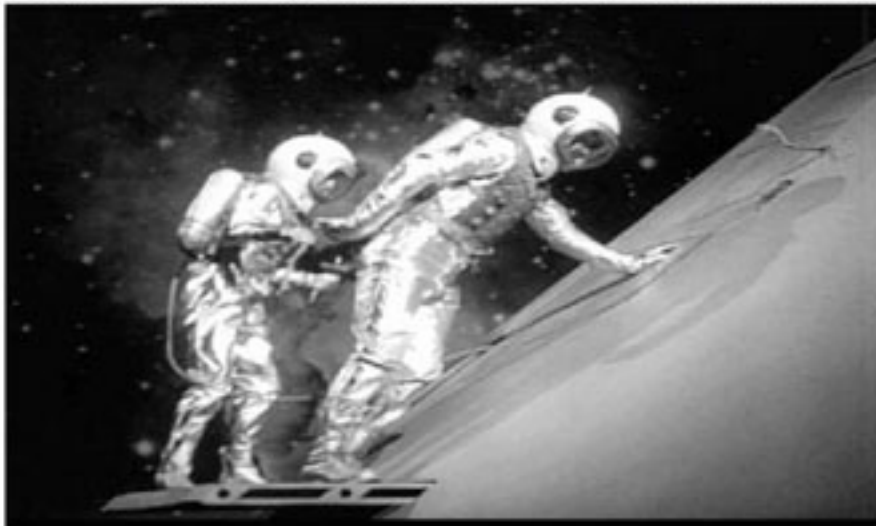
...and again!



NGS Scannar detail, just above the viewport near the airlock.



Air Tanks are now mounted to the bulkhead upside down.



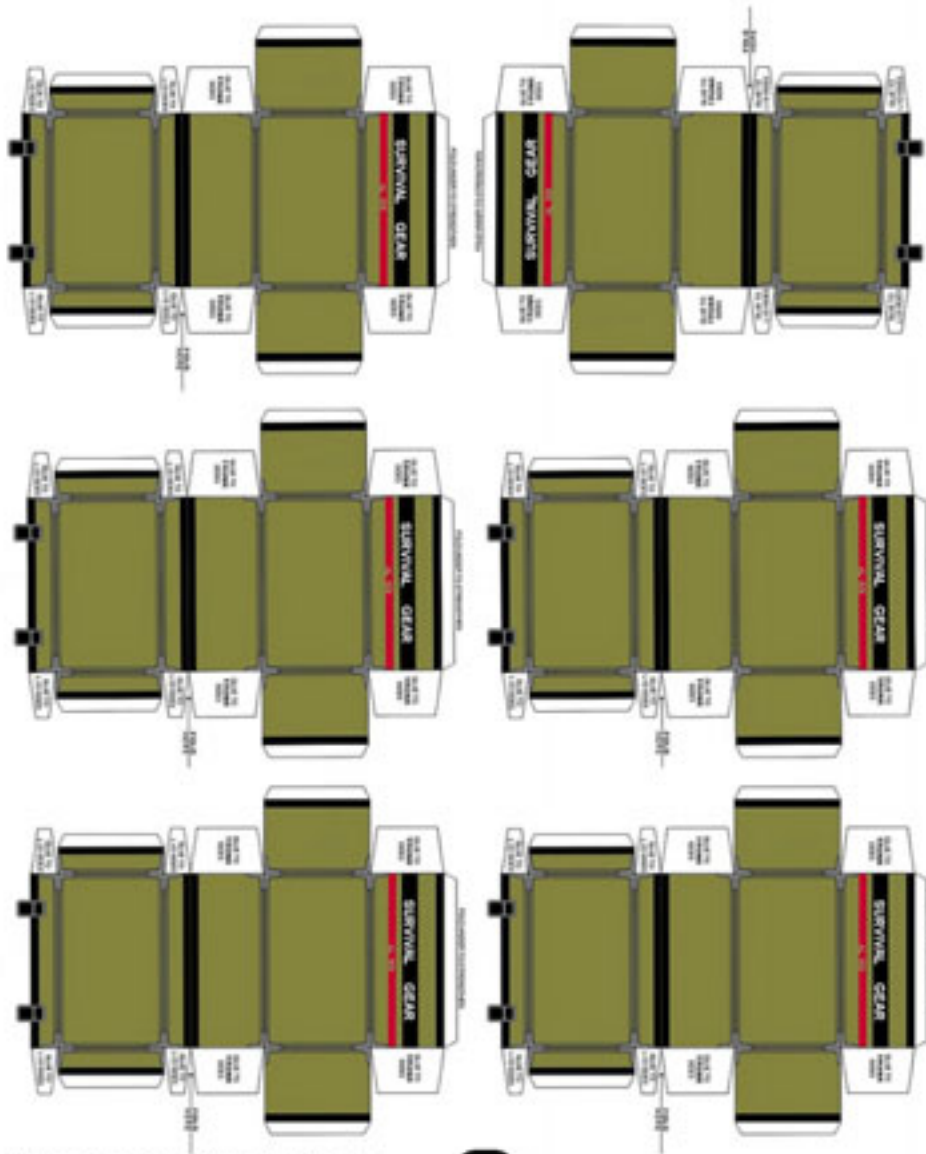
Airlock, EVA platform extended.

22



Who knew the Robot could climb?

23



Cut and Fold Supply Boxes  
(Print on Card Stock)

24



A clearer shot of the Solar System print



25



The magic of the utility storeroom strikes again. The wall has moved from here...

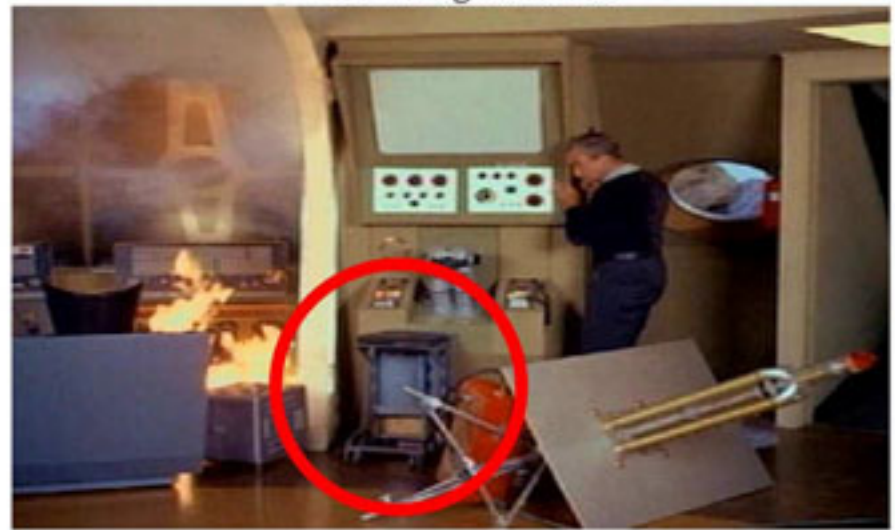


...to here. A fire extinguisher has appeared as well.

26



The Astrogator Stool



Look closely and you can see the stool turned around.

27



Pilot and First season we saw this control.



Flight Controls - Right Panel



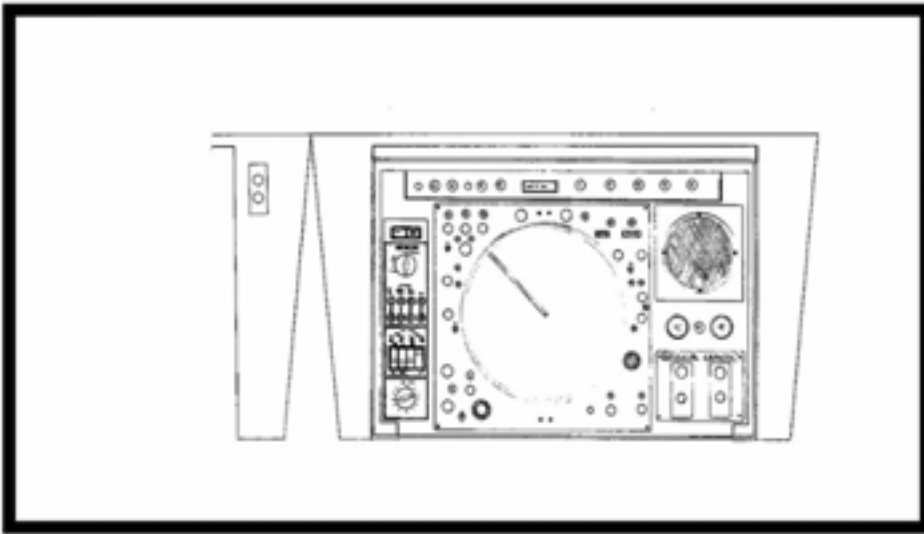
In the second and third season, replaced with this.

28



Another alternate panel.

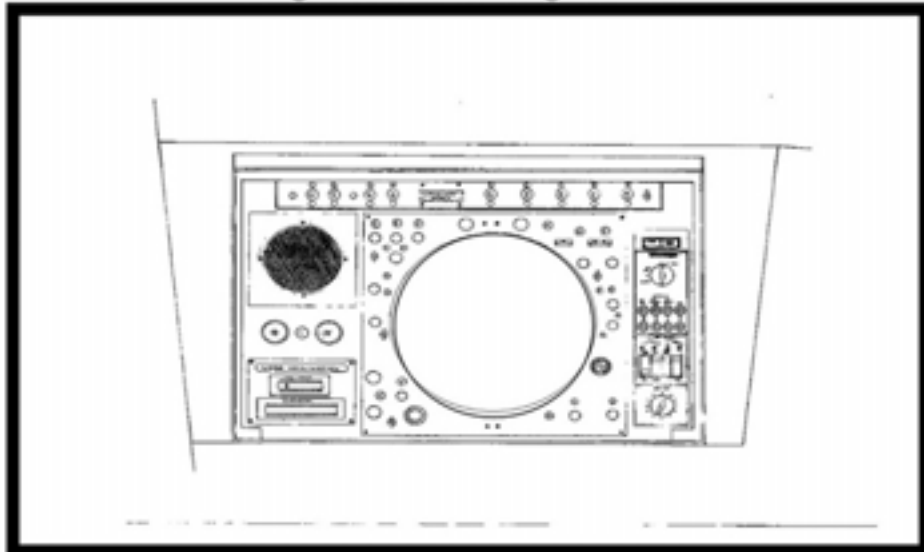
29



Flight Controls - Right Panel



Flight Controls



Flight Controls - Left Panel

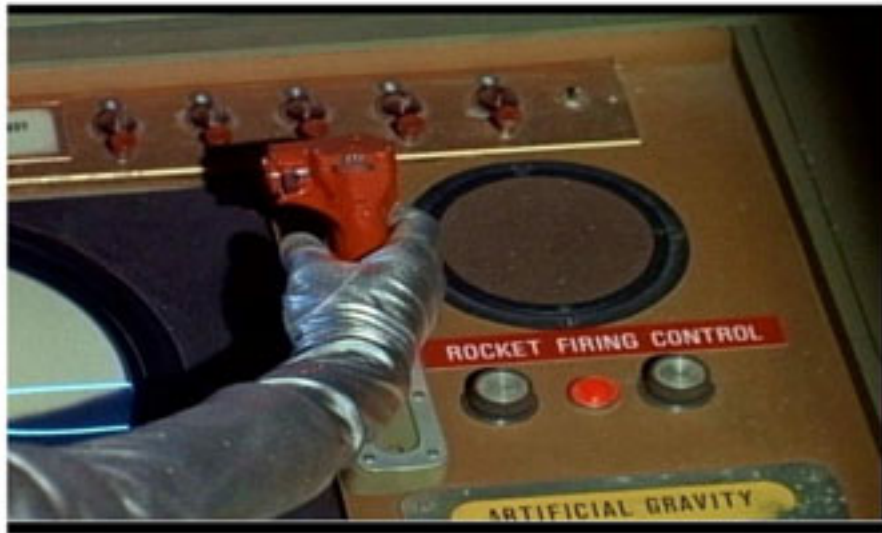
30



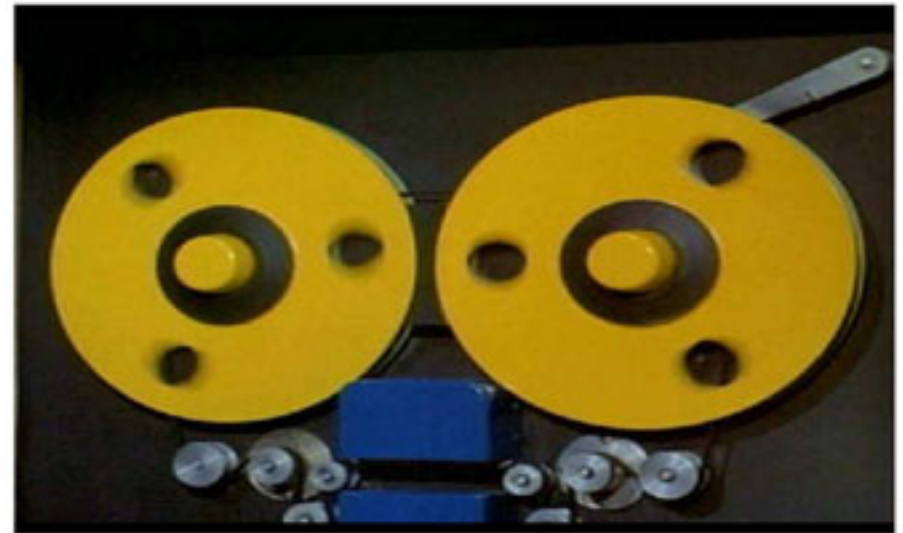
Flight Controls

31





Flight Controls - with Weapons Control?

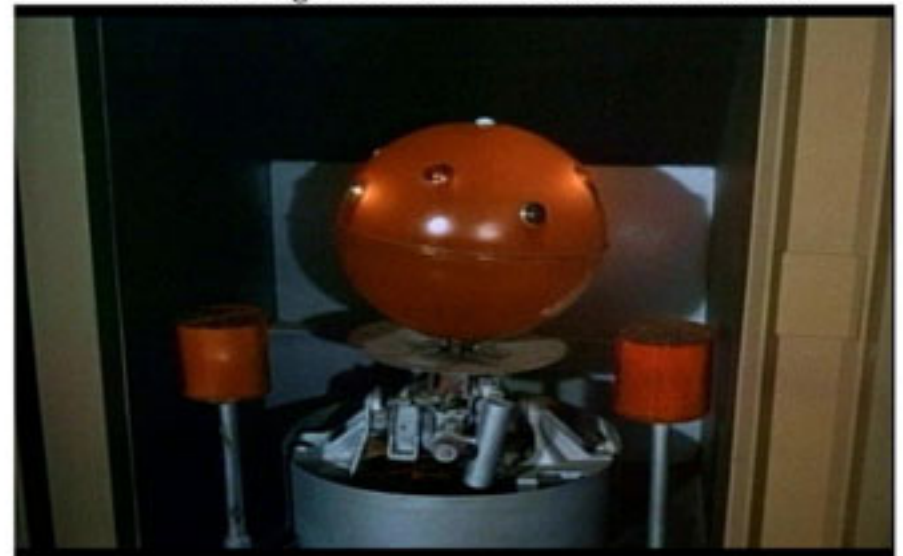


Vector Flight Recorder - Third season colors



Gyroscope & Guidance Controls

32



Gyroscope

33



Main Viewport



Main Viewport Shutters Closed



Collision Shutters

34

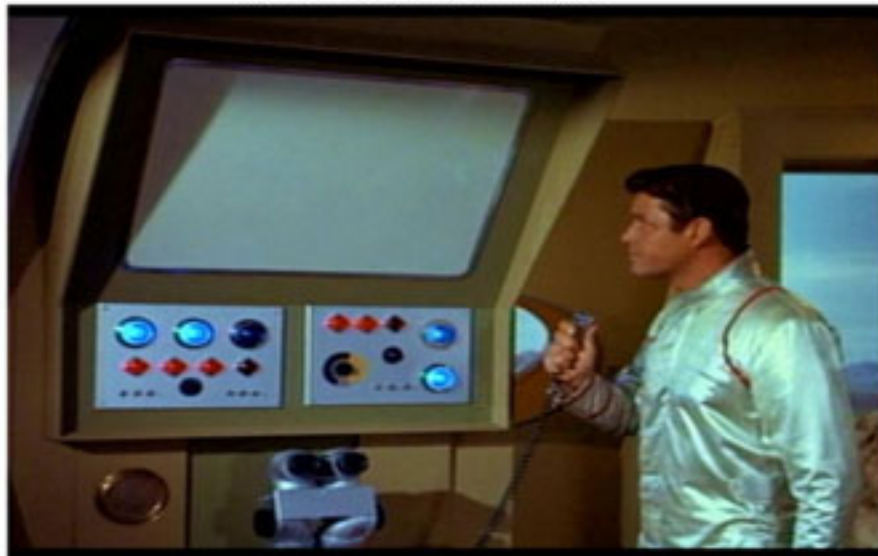


Collision Shutters

35



Communications Station



Blank Screen...

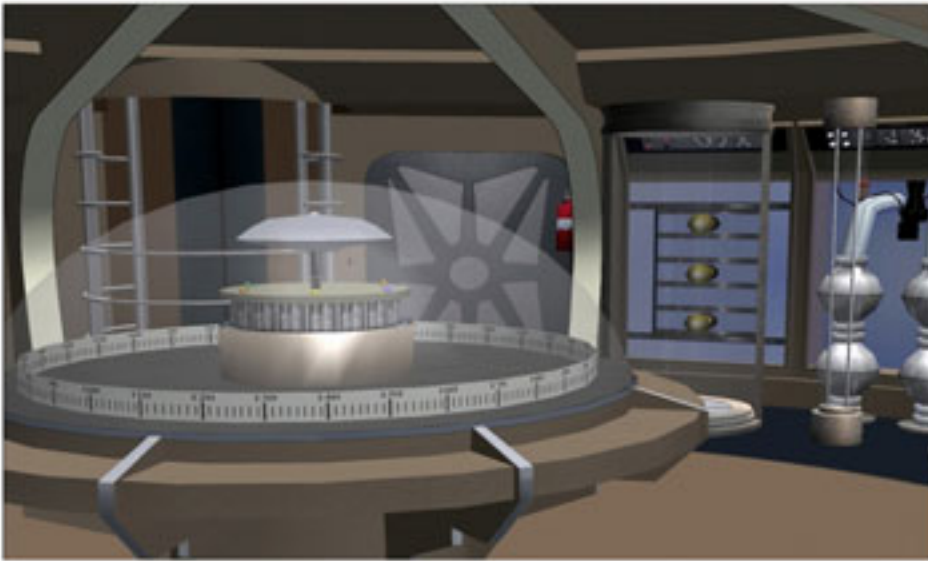
36



...here are a few images to put on it. Print these on clear transparencies available at most business supply stores, light from behind.



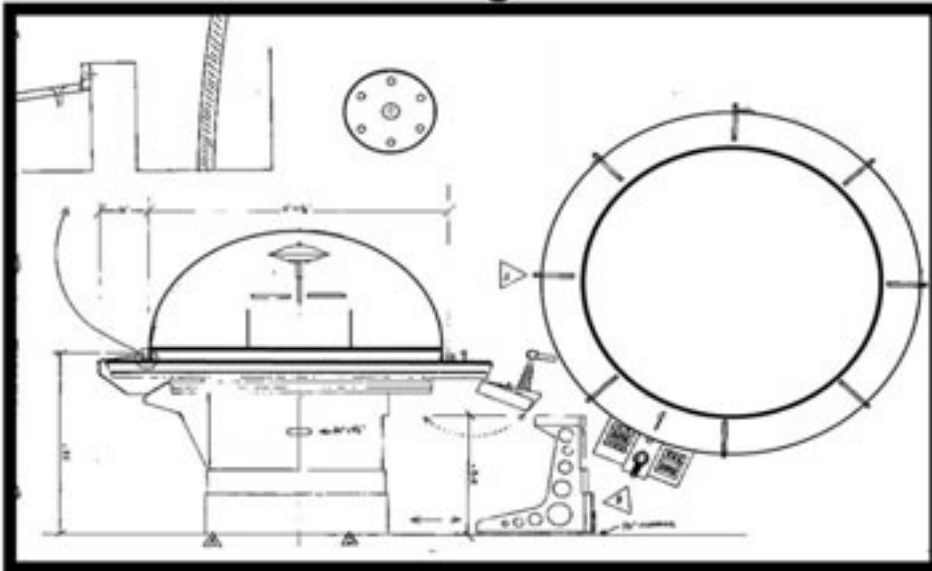
37



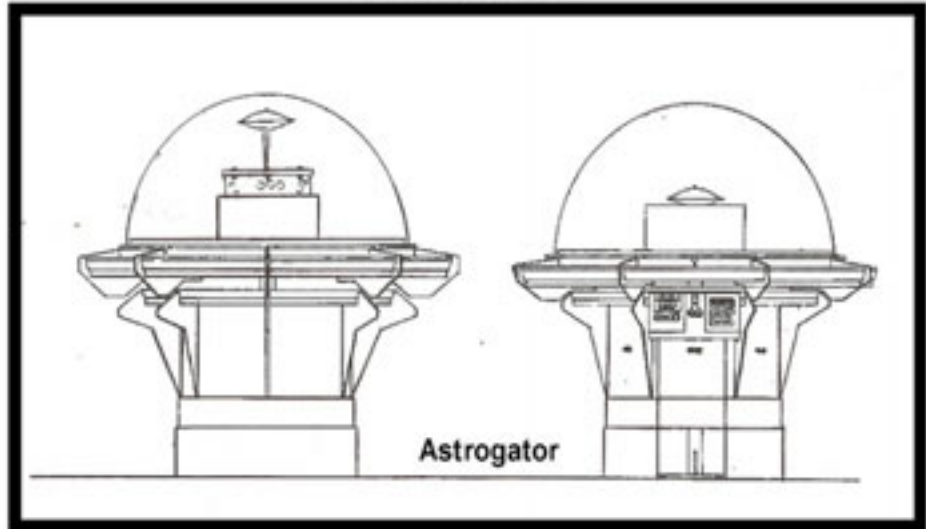
**Astrogator**



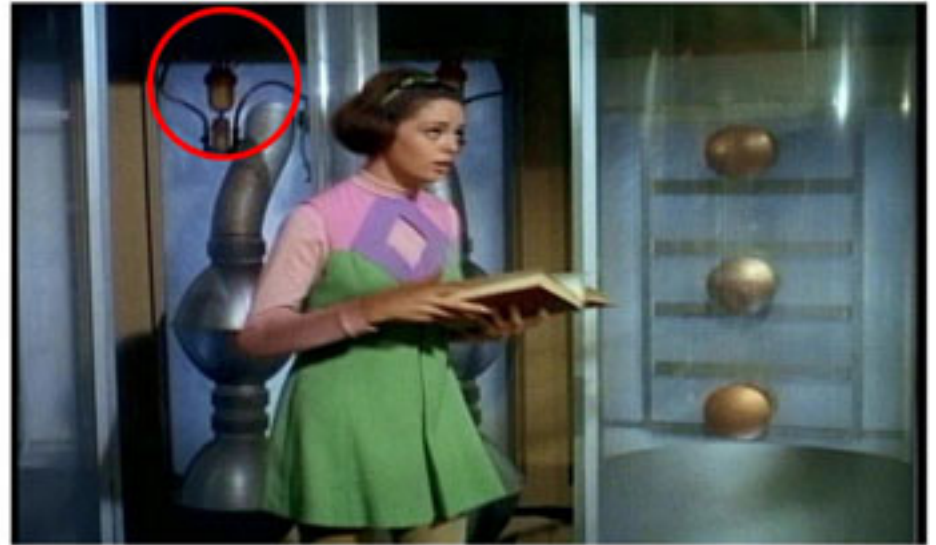
**Astrogator**



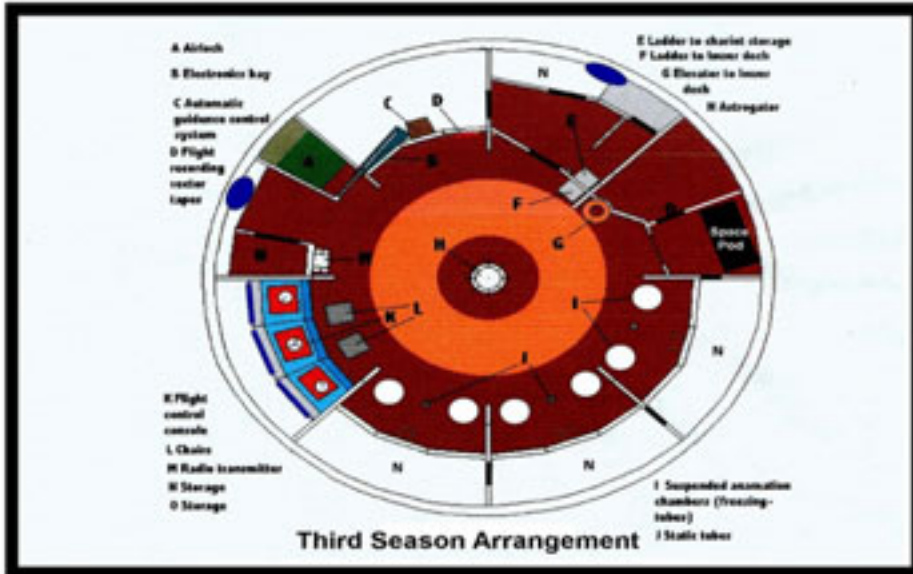
**38**



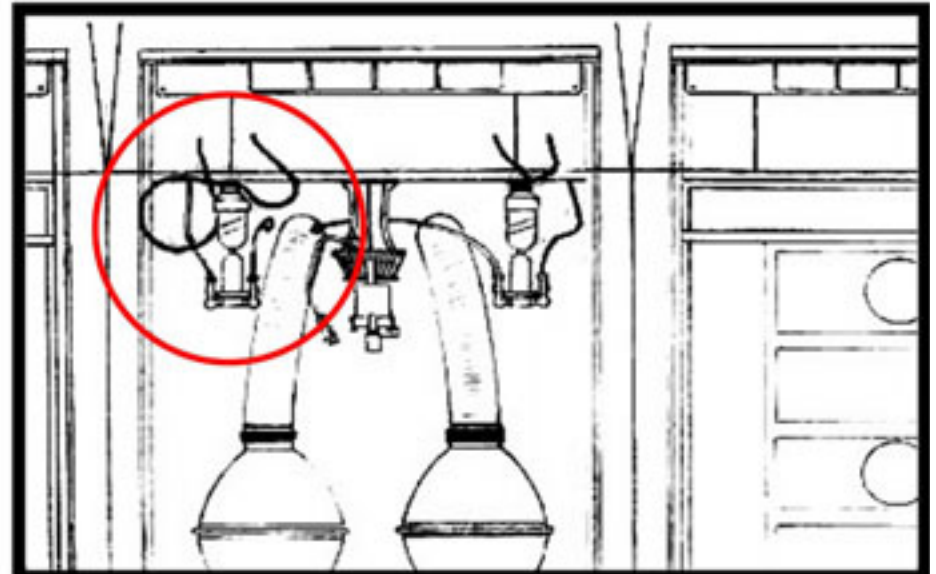
**39**



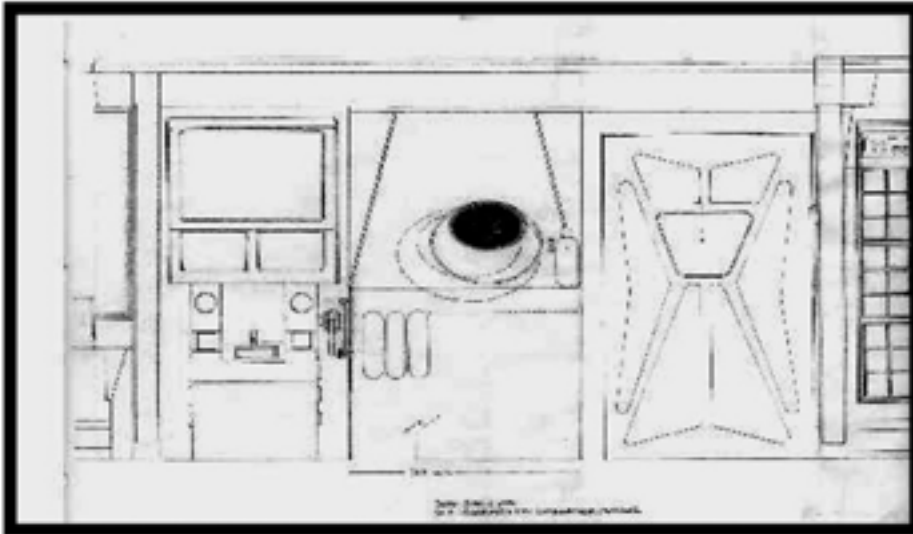
Freeze Tube Regulators and Distribution Controls



40



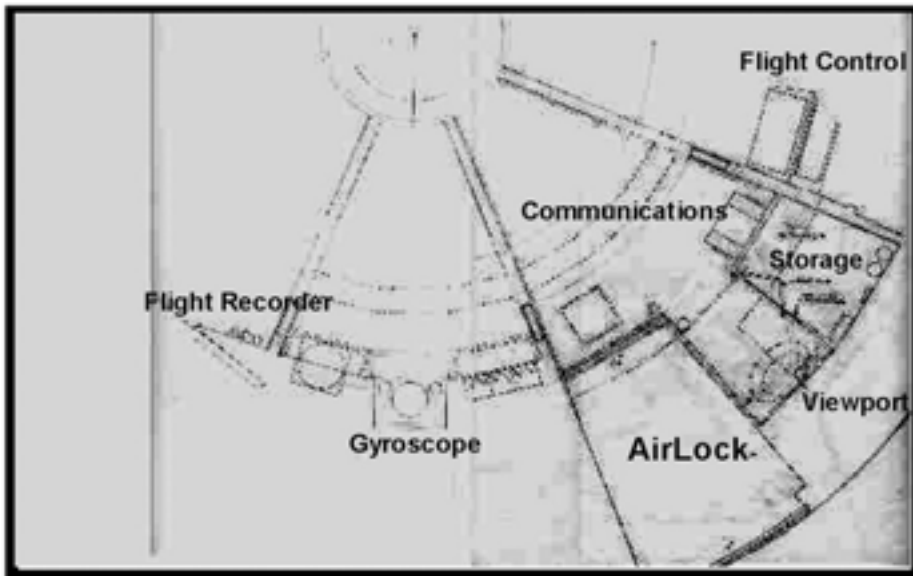
41



Communications Station and Airlock area



Hull Exterior



42

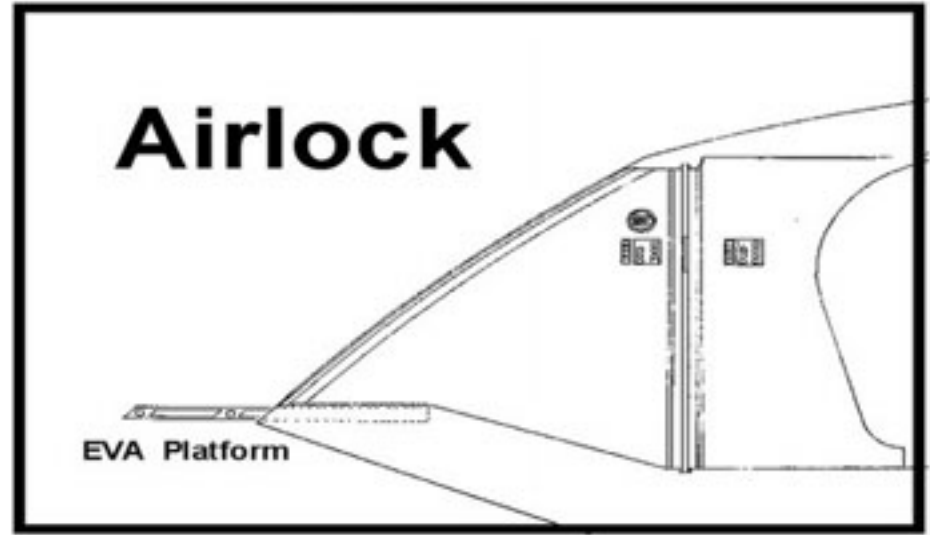


Gear and Gearwells

43



Thrusters



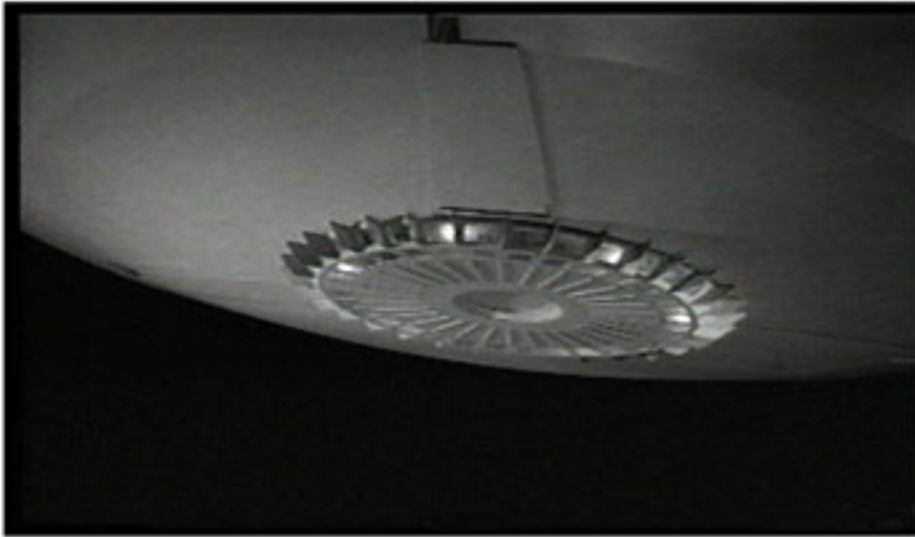
Airlock



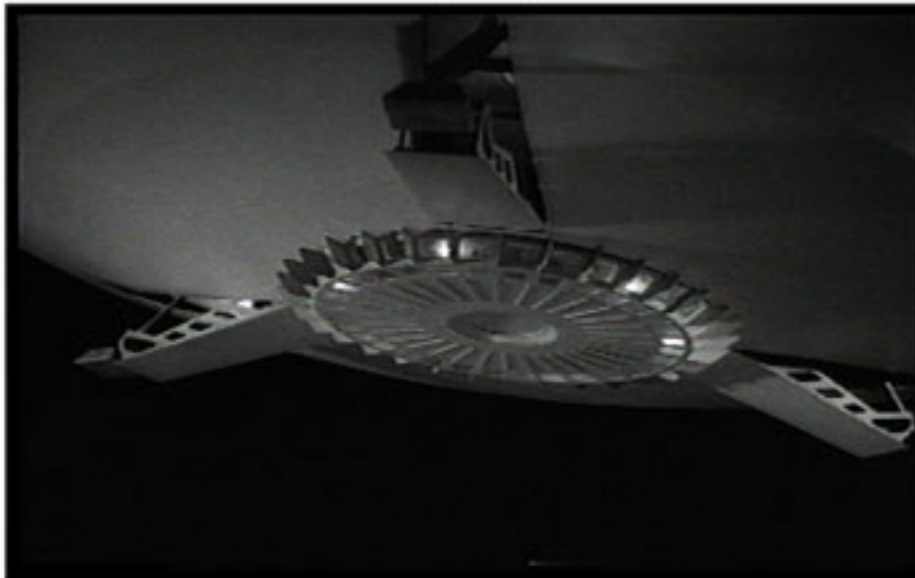
44



45



Landing Sequence



46



47

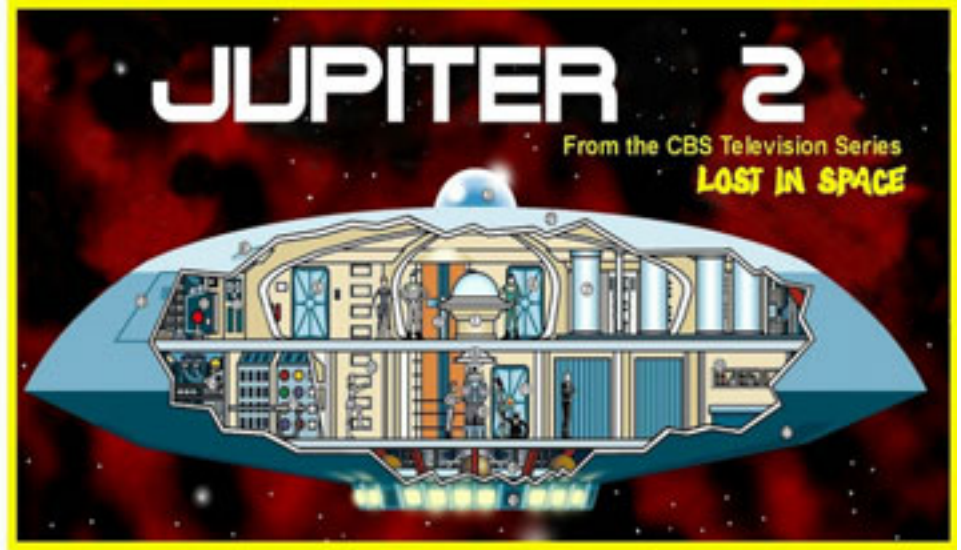




Test Shot Photos - Airlock & Communications Station



48



### JUPITER SERIES SPACECRAFT

- |                           |                            |                              |
|---------------------------|----------------------------|------------------------------|
| 1. Autogator              | 8. Robot Power Interface   | 15. Galley / Food Service    |
| 2. Electronic Lift        | 9. Robot B-9 Y3            | 16. Crew Cabin               |
| 3. Sensor Array           | 10. Ladderwell             | 17. Landing Gear             |
| 4. Space Pod Access Hatch | 11. Reactor Room           | 18. W69C GE Atomic Engine    |
| 5. Utility Storage Hatch  | 12. Vector Flight Recorder | 19. Power Core               |
| 6. Starboard Sensor Port  | 13. Airlock / Access       | 20. Inertial Guidance System |
| 7. Cryogenic Tubes        | 14. Food Synthesiser       | 21. Pressure Hull            |

This final configuration of the Jupiter 2, remained unchanged through the remainder of the series. The equipment and controls seemed to change as needed with the weekly script requirements. Reality has proven that the interior sets as filmed would have never fit inside the hull contours. Debate over this rages on, with no resolution in sight.

49



The Space Pod Access Door Area on the set,...



...and in the new kit.

50



The Space Pod Bay area seemed to be used for storage in the second season as we see here through the open doorway between the Robinson's. Unlike the Starboard Utility room, the aft Storeroom/Space Pod Bay saw few changes, (and little usage) until it was defined by the addition of the Pod Bay access. In an earlier episode, we saw Don enter this room to get a spacesuit, suggesting a storeroom, but there was little use after that. (Unless the suit was kept in the Pod itself) The addition of a window in the hatch leading to the Space Pod and the fascia of the Pod's aft end confirmed its final use.

51



The Electronics Bay, Gyroscope, and Vector Flight Recorder area in the kit. The center upper panel appeared to be two different controls early in the series and in later episodes. It was originally the Robot power control which was later changed to the Fuel Dump Valve controls later on. The panel below the Flight recorder was originally the Atomic Clock, changed later to a Radio Communications control. A tiny detail may be added to the right and left upper panels by removing the raised detail on the outer ends of each panel and replacing it with "C" shaped pull handles. (see next page detail photo)

52



Rack Mounted Electrical equipment use Pull handles to allow easier access to the equipment for maintenance or repairs. Seen here on Rack Mounted cases. The Jupiter 2 used this type of mount on all equipment controls above the Freeze Tubes, Gyro and Flight recorder area, and other locations throughout the ship.



53



Space Pod Communications panel near elevator. Note: window added to airlock door. Airlock Controls added left of door.



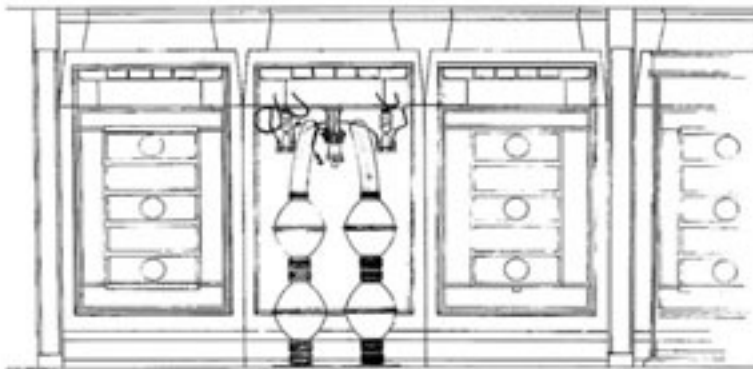
54



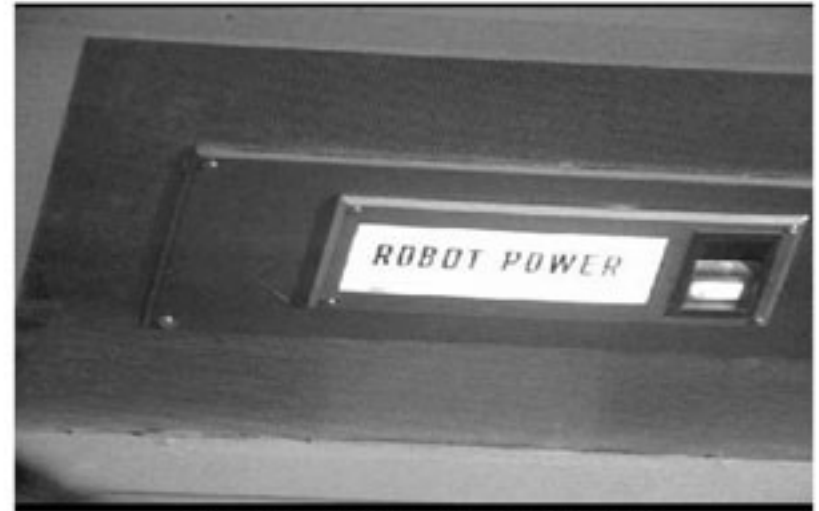
55



Freeze Tubes were changed later in the series to include aluminum panels to the rear lower 1/3rd of the tube enclosures.



56

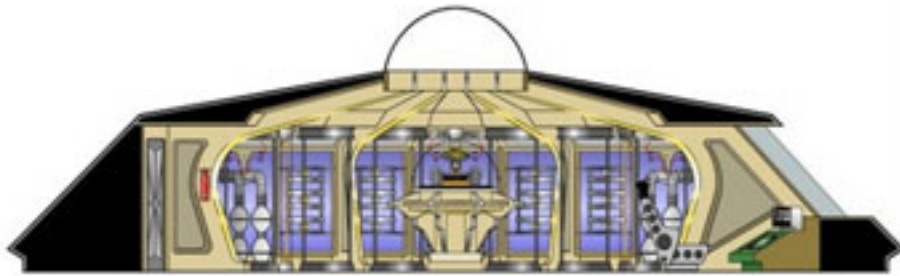


1st season Robot Power Control



2nd & 3rd season Fuel Jettison Control

57



Port Side Layout



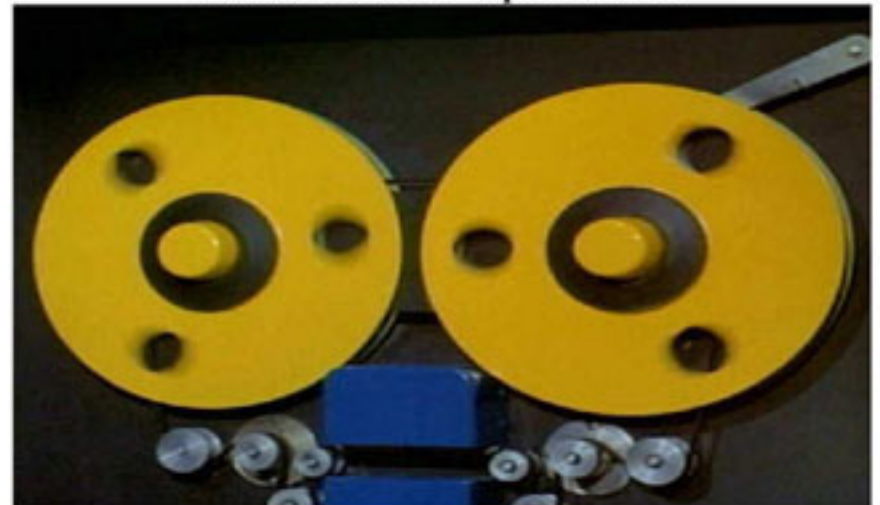
Starboard Side Layout



58

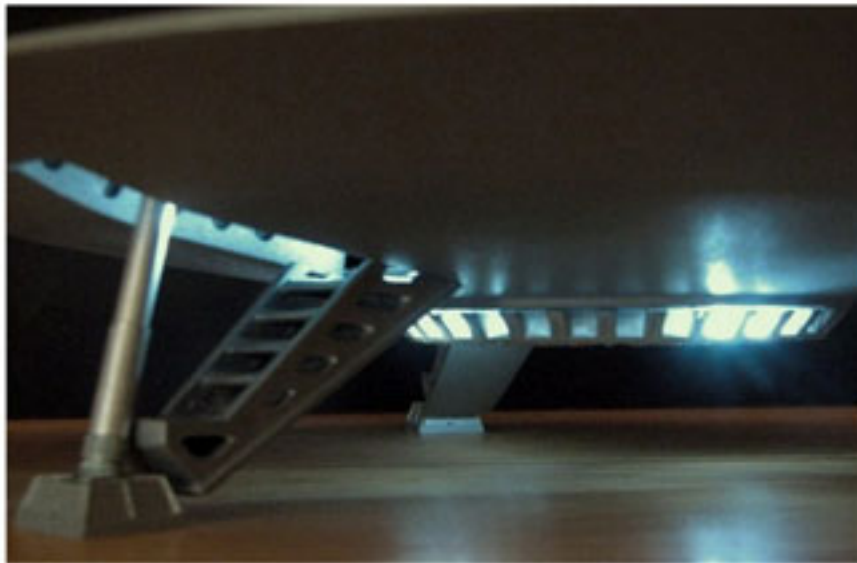


1st & 2nd Season Tape Recorder



3rd season Tape Recorder

59



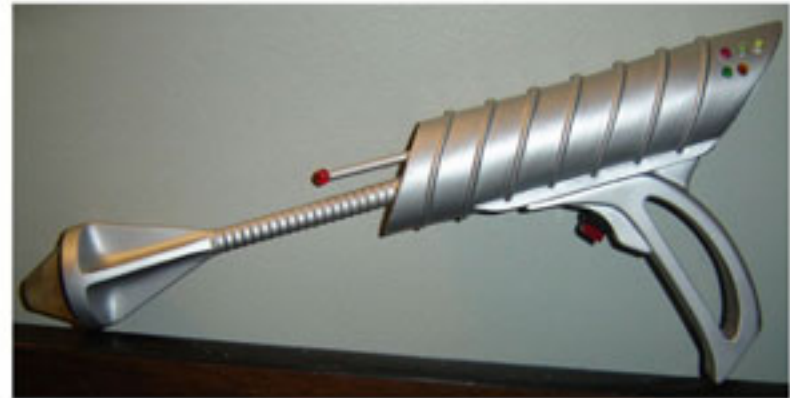
Fusion Core



3rd Deck Power Core Set?

60

## Weapons, and Auxiliary Equipment



One of several styles of Laser Pistols



61



Wouldn't a Teddy Bear be safer?



Prop Laser Rifle



One of several styles of Laser Rifles

62



63





Silver Laser Rifle

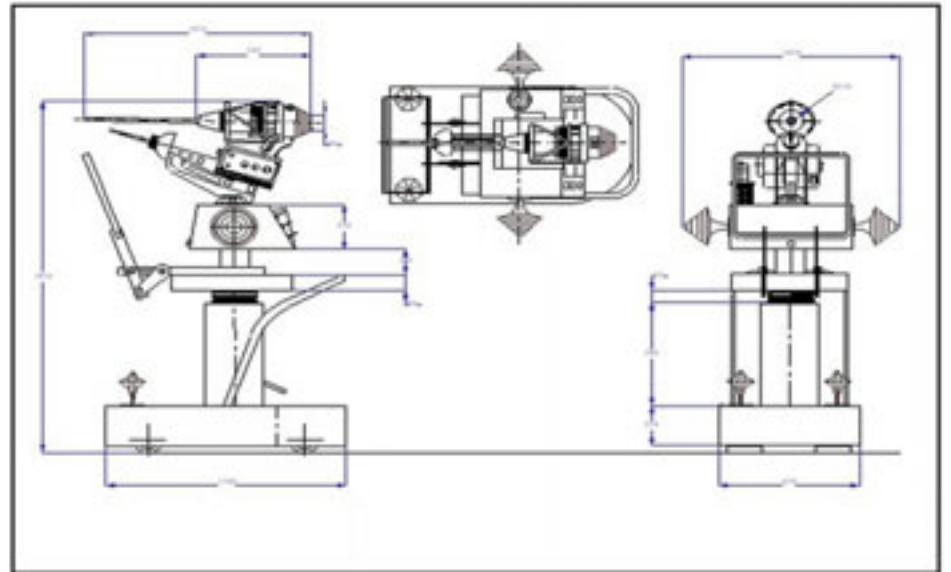


Laser Pistol



Hero Robot Costume

64



Forcefield Generator

65



Forcefield Generator

66

Forcefield Generator

67



Forcefield Generator



Forcefield Generator

68



Jet Pack

69



Jet Pack

70



Jet Pack



Jet Pack detail

71



**Drilling Rig**



**Drilling Rig in Operation**



**Drilling Rig Detail**

**72**



**Laser Cannon**

**73**



Laser Cannon



Sonic Dishwasher



Laser Cannon and Tripod

74



Sonic Dishwasher in Operation

75



One of several Weather Stations



One of several Weather Stations



Weather Station Control Panel

76



Weather Station Detail

77



Clothes Washer



Clothes Washer



Ahhh,...that fresh off the store shelf smell!

78



How do you like your cellophane? Crisp?

79





Potato Chip Maker



Radar Scanner



No One can eat just One!

80



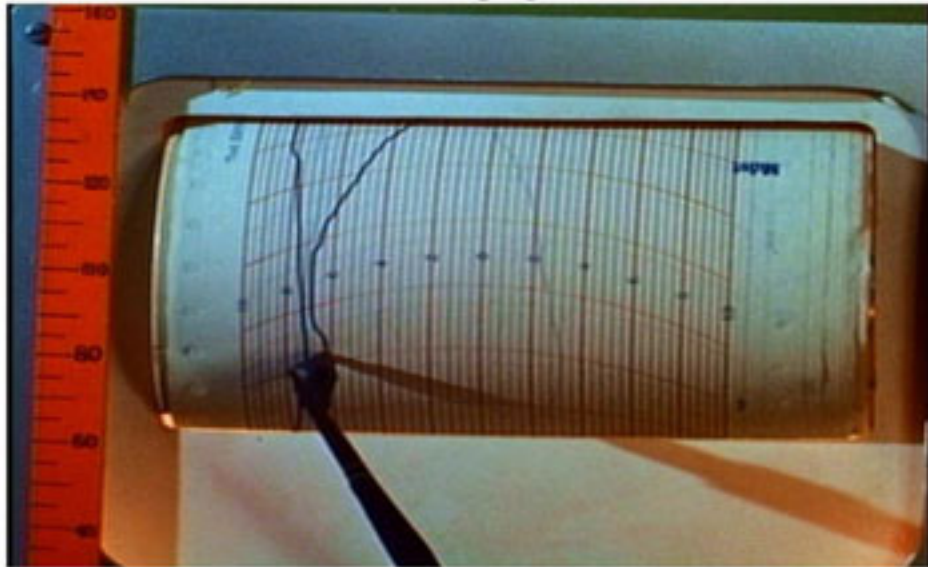
81



Seismograph



Same Equipment, different function!



82



83



Compressor and Hose



Plant Blight Eradicator



84



85



**Oddly Familiar Bleachers**

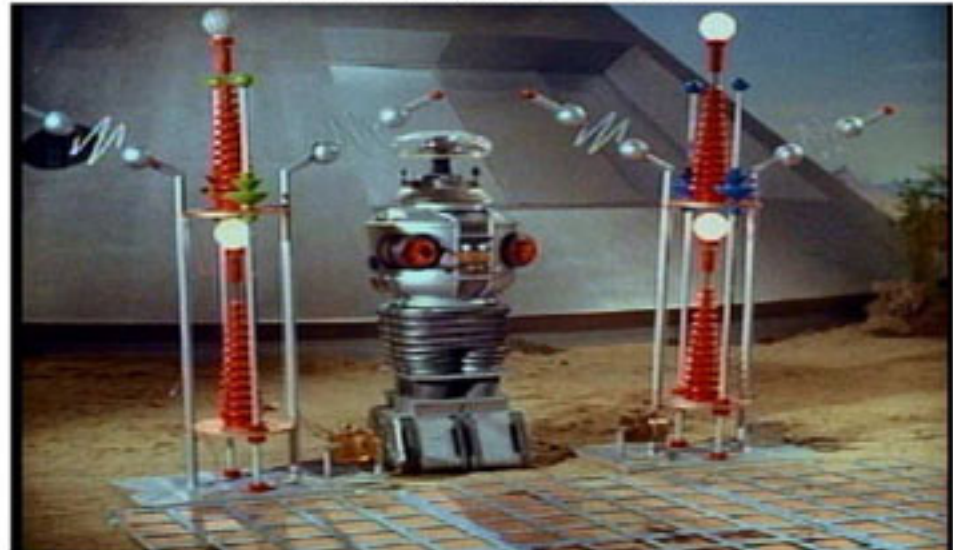


**Electronic Synthesizer Detail**



**Electronic Synthesizer**

86



**Magnetic Field Towers**

87



Mineral Drill



Laser Cannon Gun Mount



Another Laser Cannon

88



89



**Bomb and Detonator**

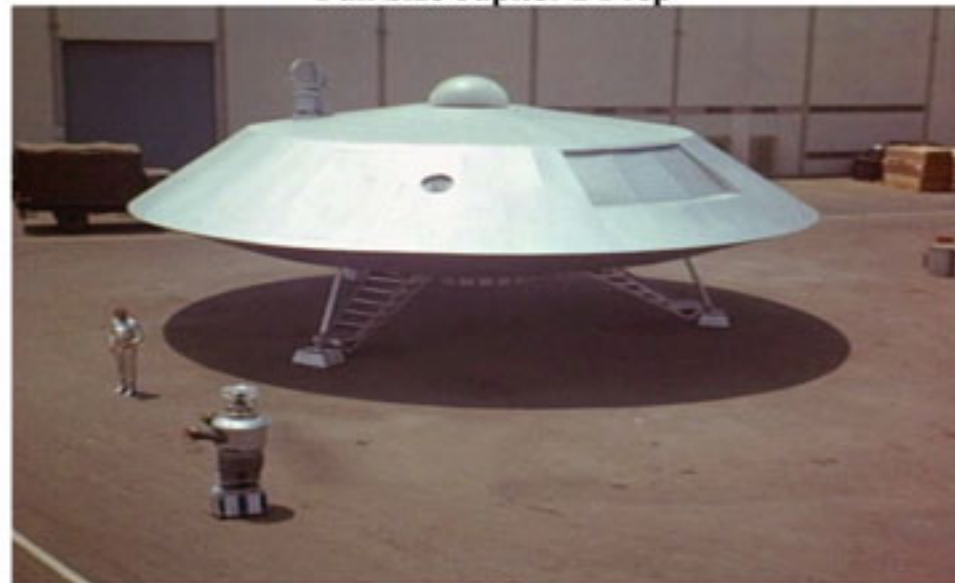


**Full Size Jupiter 2 Prop**



**Atomic Motor**

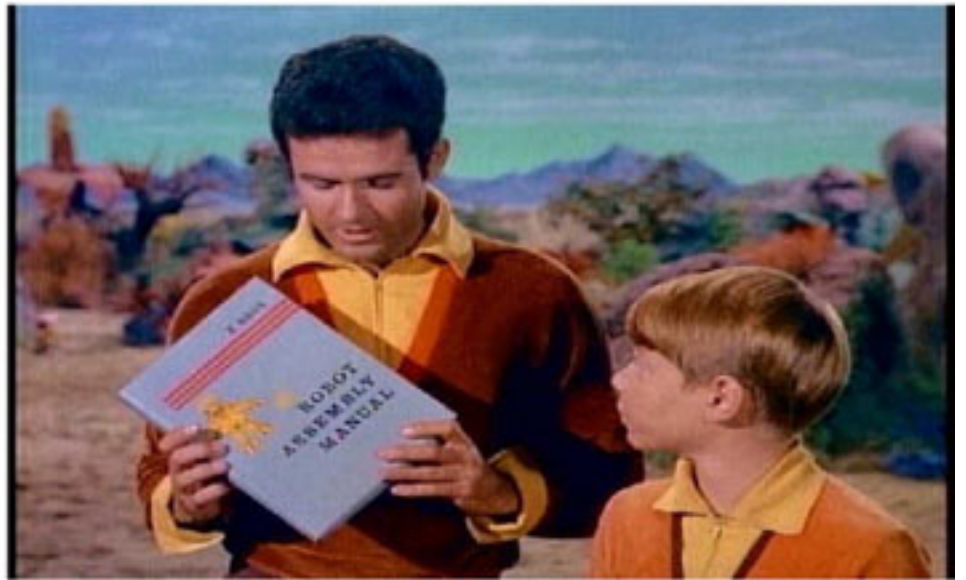
90



91



**Full Size Jupiter 2 Prop**



**Robot Assembly Manual**



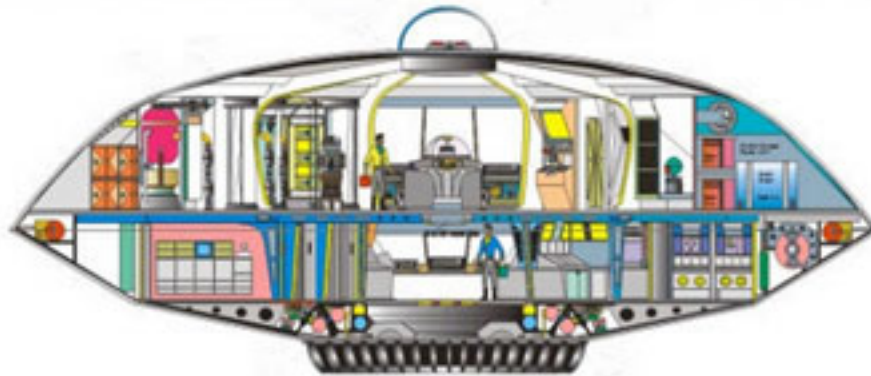
**J-2 Full Size Crash Prop**

92



**No ! No ,Disassemble, Stephanie! No Disassemble , Johnny 5!**

93



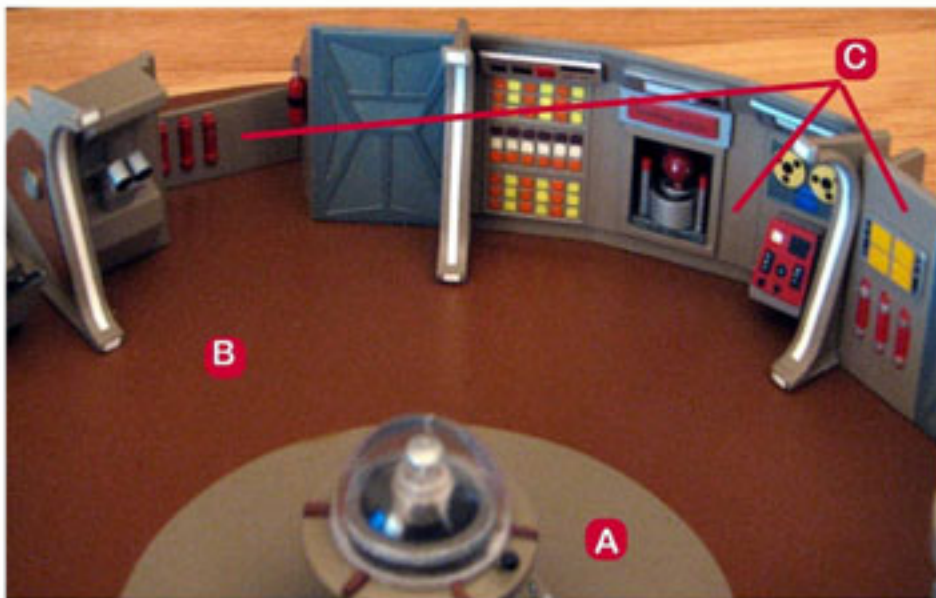
Irwin Allen thought no one would notice that a second, and third deck ,all that equipment plus the Chariot and the Space Pod wouldn't fit inside this tiny ship. Chalk it up to T.A.R.D.I.S. magic.

94

Now we get into the heart of the guide, painting. First of all I want you to keep in mind the colors referenced here are the closest color matches for the live action sets, adjusted for lighting. The sets were painted much darker than they appear on screen. The tungsten flood lights used on set were very bright and caused the colors to appear washed out on screen. This is the image we are used to. The colors were very well researched. But bear in mind, colors were effected by lighting used on set, and colored gel filters used for warmer and cooler colors to set mood. Base colors were not changed. It is my hope that you use this as a guide to get the best look to match what you saw on screen. They are suggestions, only. Paint your model like you want to.

95

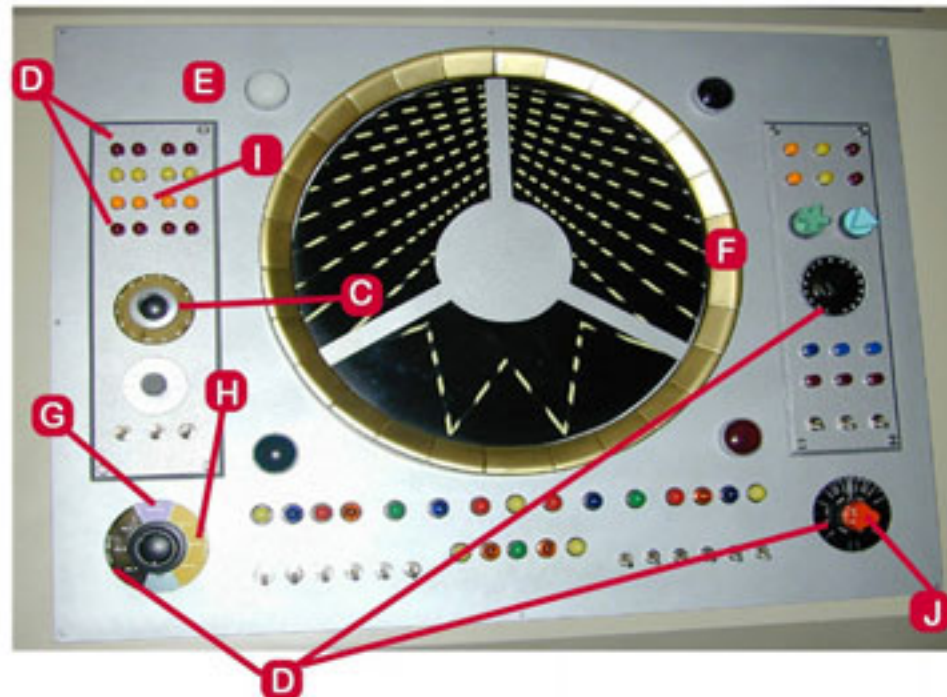




### Interior Colors

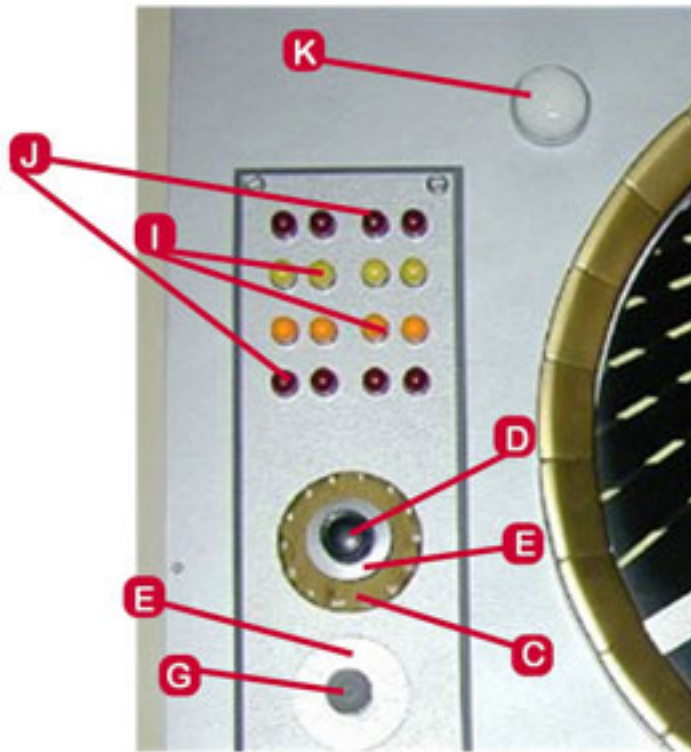
Lets take a look at the Deck Colors. The center Hub area underneath the Astrogator is Dark Tan-Model Master # 17420. The Outer Circle is Brown-Testors # 1240. A final clear flat coat to finish . Seen here on a Polar lights Jupiter 2 buildup. Verticle Bulkhead base color is Buff, Model Master #2104 Panzer Interior Buff or Model Master #17090 Radome Tan

- A. Dark Tan-Model Master # 17420
- B. Brown - Testors # 1240
- C. Buff - Model Master Panzer Interior Buff #2104 or Model Master Radome Tan # 17090



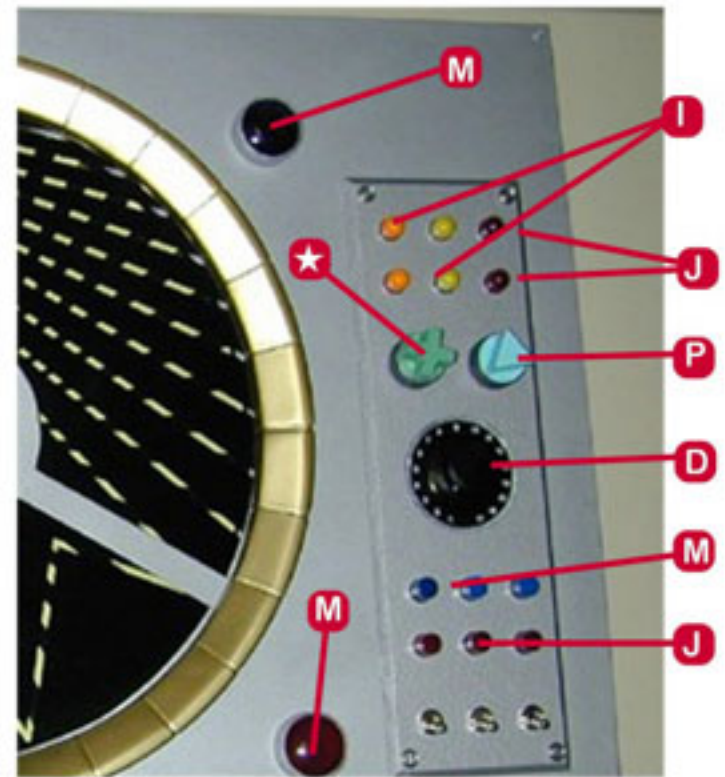
### Center Flight Console

- C. Buff - Panzer Interior Buff #2104
  - D. Black - Testors #1147
  - E. Silver - Testors #1146
  - F. Gold - Testors #1144
  - G. Lt. Ghost Grey - Model Master #1728
  - H. Orange - Testors # 1127
  - I. Yellow - Testors #1114
  - J. Red - Testors # 1103
- (Continued...)



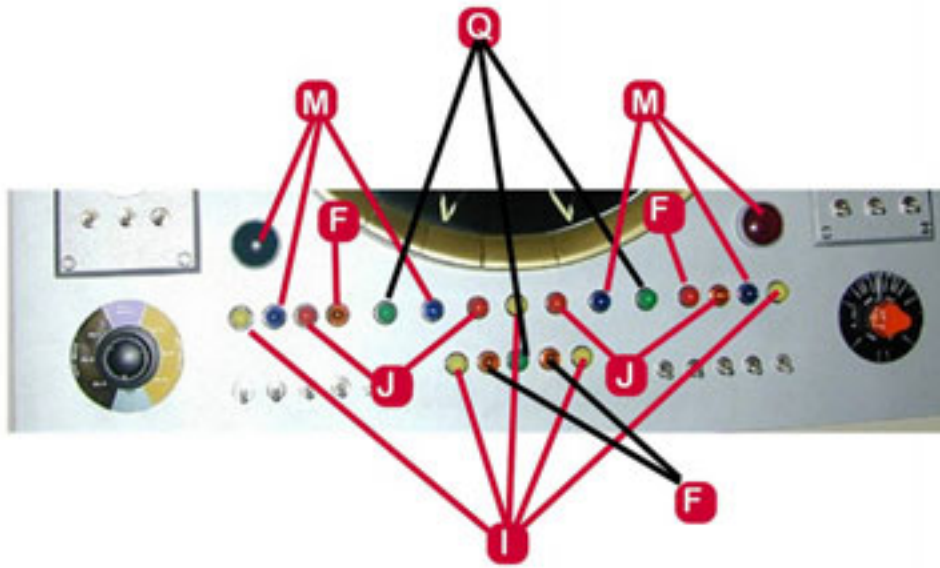
**Center Flight Console (Upper Left)**

- C. Buff - Panzer Interior Buff , Model Master #2104
- D. Black - Testors # 1147
- E. Silver - Testors # 1246
- G. Flat Grey - Testors #1163
- I. Yellow - Testors # 1114
- J. Red - Testors # 1103
- K. White - Testors #1145



**Center Flight Console (Upper Right)**

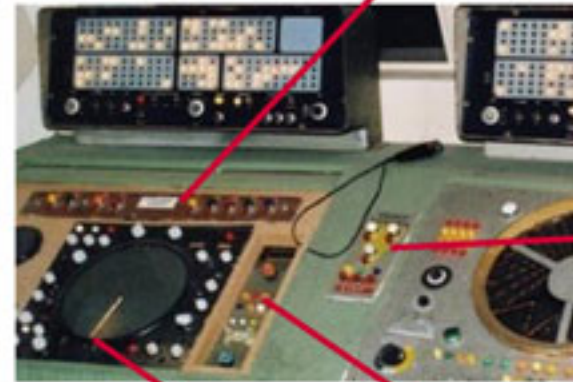
- D. Black - Testors # 1147
- I. Yellow - Testors # 1114
- J. Red - Testors #1103
- M. Blue - Testors # 1110
- P. Lt. Blue - Testors # 1108
- ★. Teal - 4 parts Zinc Chromate Green- Model Master # 1734 , 2 parts Lt. Blue - Testors # 1108



## Center Flight Console (Bottom)

- F. Gold - Testors #1144
- I. Yellow - Testors # 1114
- J. Red - Testors #1103
- M. Blue - Testors # 1110
- Q. Green - Testors # 1124

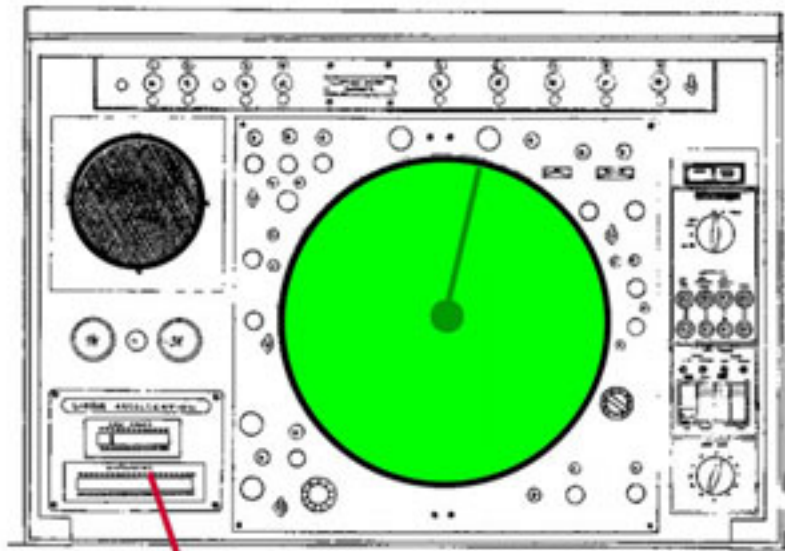
100



**Left Flight Console Detail**  
The left and right of center consoles nearly mirrored each other.



101



## Left Flight Console Detail

The Lineal Acceleration and Hyperdrive Indicators are in the lower left corner of the panel. Speaker and Indicator Lights are to the left and centered.

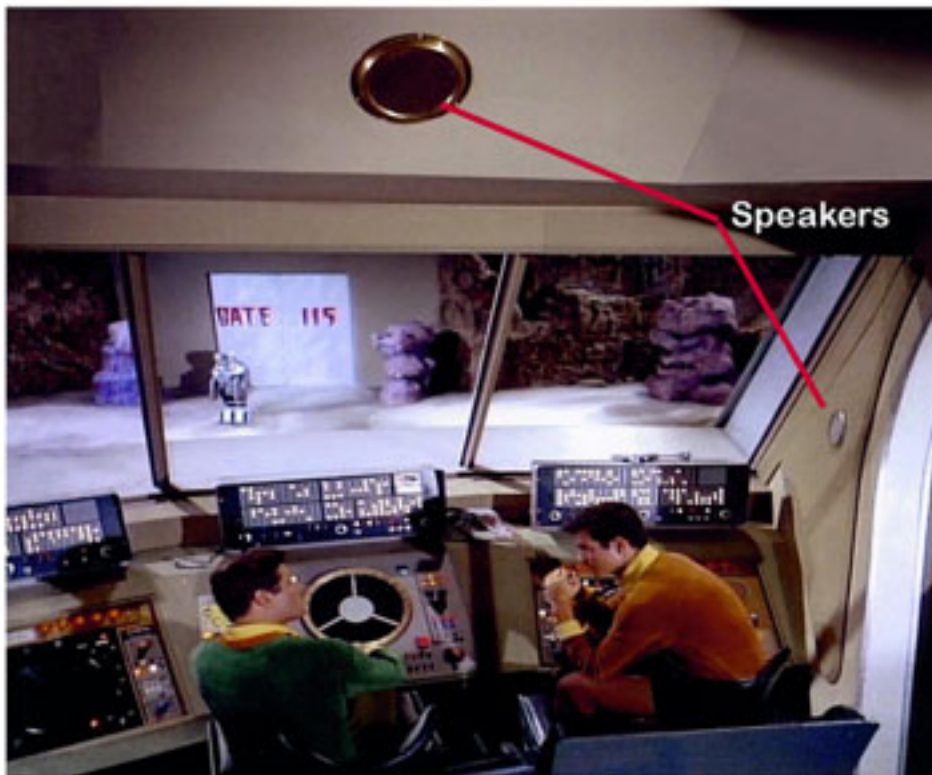
102



## Right Flight Console Detail

The major differences here being the Weapons Control, and Artificial Gravity, Speaker and Lights

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Right and Left Flight Console Panels are Dark Tan - Model Master #17420. Center Console and Tripod Gear Panel is Aluminum - Testors # 1181. Entire Outer Console Frame is Pale Green - Model Master # 1725. The Burroughs Electrodata Consoles directly under the Main Viewport glass are Flat Neutral Grey - Model Master # 1725 with front faces of Testors Sea Blue # 1172 with accent Panels Flat Light Ghost Grey - Model Master # 1728 and Testors Flat White # 1145 highlights.

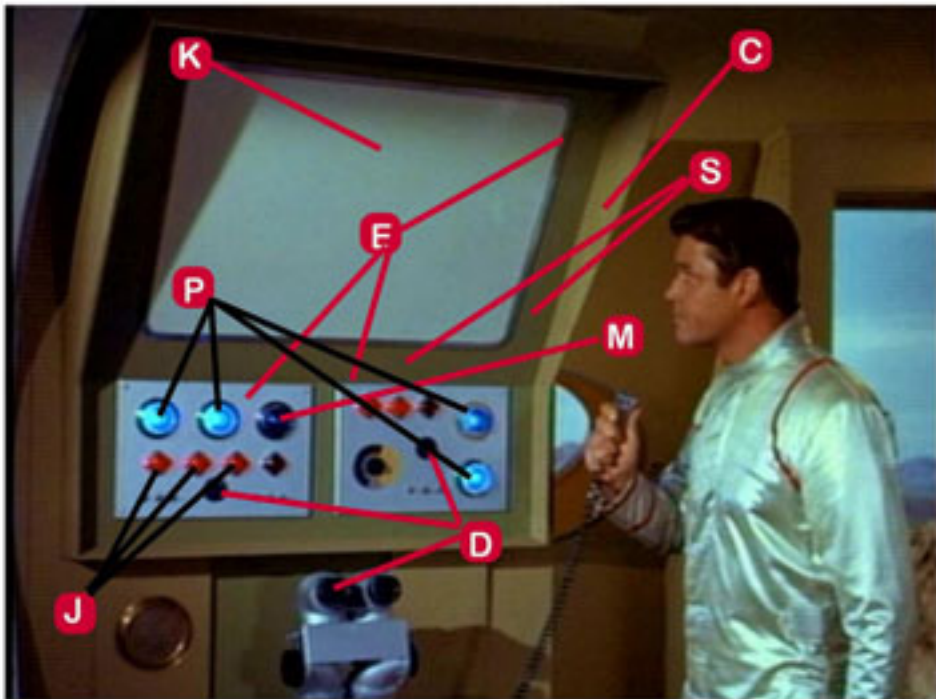
104



Note: Folded Seat Headrests

- A. Dark Tan - Model Master # 17420.
- C. Panzer Interior Buff - Model Master # 2104
- D. Black - Testors # 1147
- T. Flat Neutral grey - Model Masters # 1725

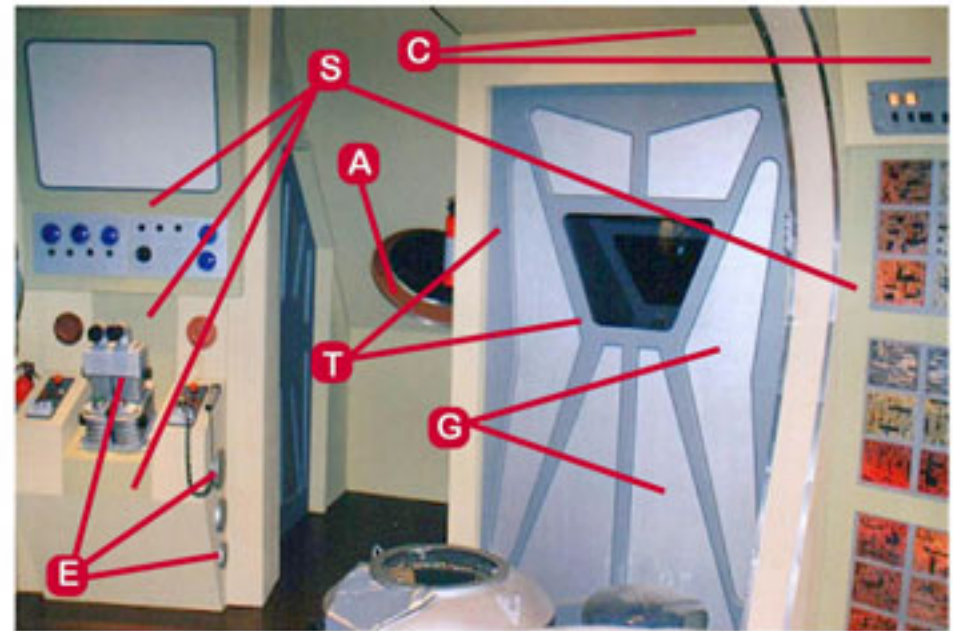
105



- C. Panzer Interior Buff - Model Master # 2104
- D. Black - Testors # 1146
- J. Red - Testors #1103
- K. White - Testors # 1145
- M. Blue - Testors #1110
- E. Metallic Silver - Testors # 1246
- P. Lt. Blue - Testors #1108
- S. Pale Green - Model Master # 1716

Note: Viewscreen can be cut out and an image backlit as an alternative.

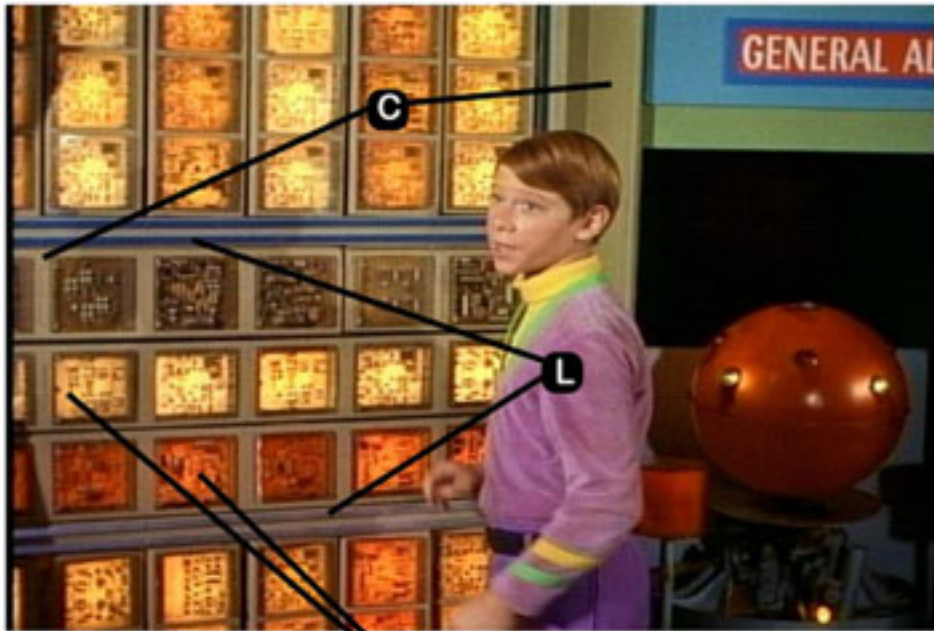
106



## Communications Station and Airlock

- A. Dark Tan- Model Master # 17420
- C. Panzer Interior Buff - Model Master # 2104
- E. Metallic Silver - Testors # 1246
- G. Flat Light Ghost Grey - Model Master # 1728
- S. Pale Green - Model Master #1716
- T. Neutral Grey- Model Master # 1725

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## The Electronics Bay

This area is comprised of translucent printed circuit boards lighted from behind. It is my understanding that the panels in the kit are moulded in clear plastic with decals provided to provide the detail.

**C.** Panzer Interior Buff- Model Master # 2104

**L.** Aluminum - Testors # 1181

**★.** Tint the clear parts from behind using Tamiya Acrylic tints. Apply decals to front side.

108

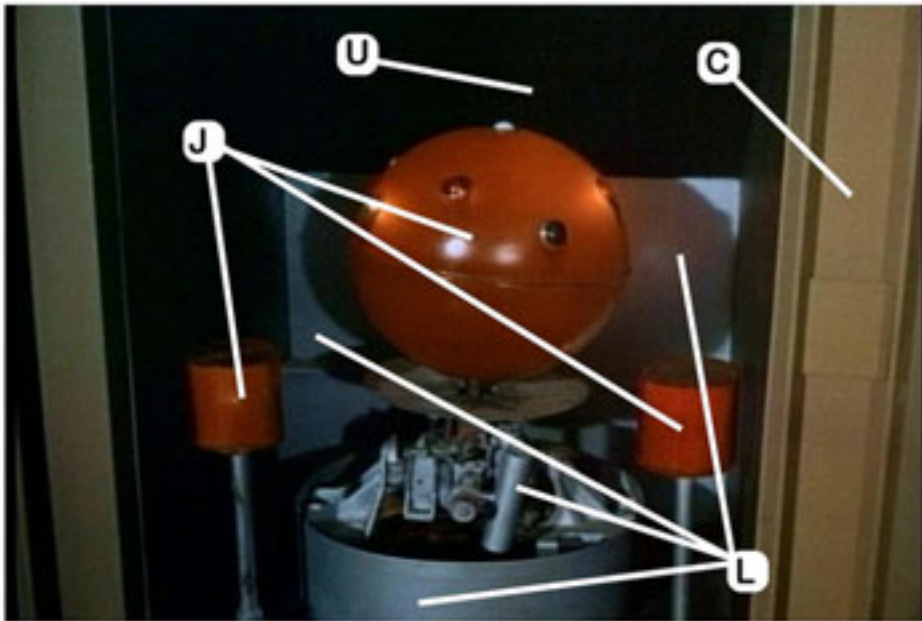


## The Electronics Bay

Close-up of printed circuit boards, mounted in brass frames.



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## Gyroscope

This assembly sits in a small depression underneath the General Alarm and Fuel Jettison Indicators.

- C. Panzer Interior Buff - Model Master # 2104
- J. Red - Testors # 1103
- L. Aluminum - Testors # 1181
- U. Flat Black - Testors #1149

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## General Alarm and Fuel Jettison Indicators

These panels are Aluminum - Testors # 1181. Decals are provided in the kit for the markings.

111





**Vector Flight Recorder**



Third Season the tape reels were Yellow - Testors #1114  
The box covers for the record/playback heads were blue  
Testors # 1110.

112

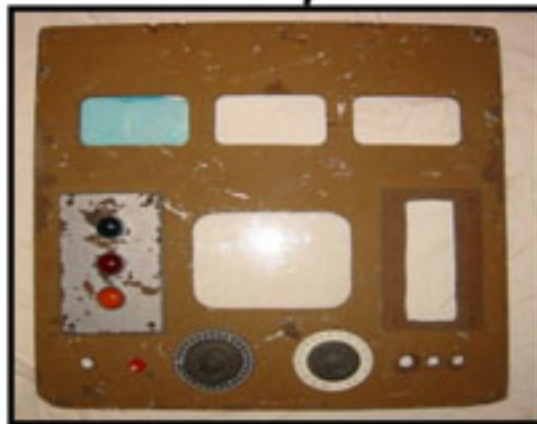


**Computer Translator**



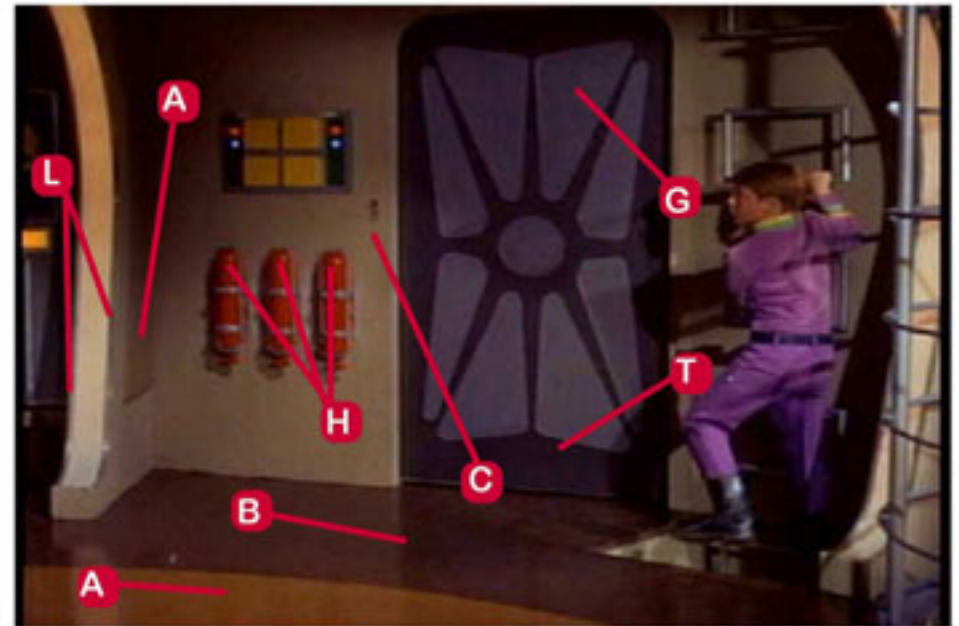
113

## Computer Translator



Surviving Prop Panel is Dark Tan - Model Master # 17420  
Control panels are Aluminum - Testors # 1181 with Black knobs - Testors # 1147. Indicator lights are red, green and amber. Unit enclosure is Aluminum - Testors # 1181

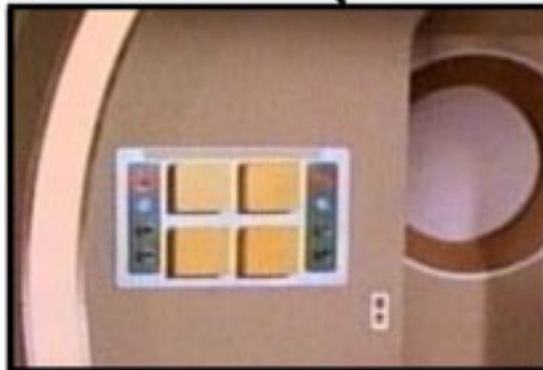
114



## Utility Room Bulkhead

- A. Dark Tan - Model Master # 17420
- B. Brown - Testors # 1140
- C. Panzer Interior Buff - Model Master # 2104
- G. Flat Light Ghost Grey - Model Master # 1728
- H. Orange - Testors # 1127
- L. Aluminum - Testors # 1181
- T. Neutral Grey - Model Master # 1725

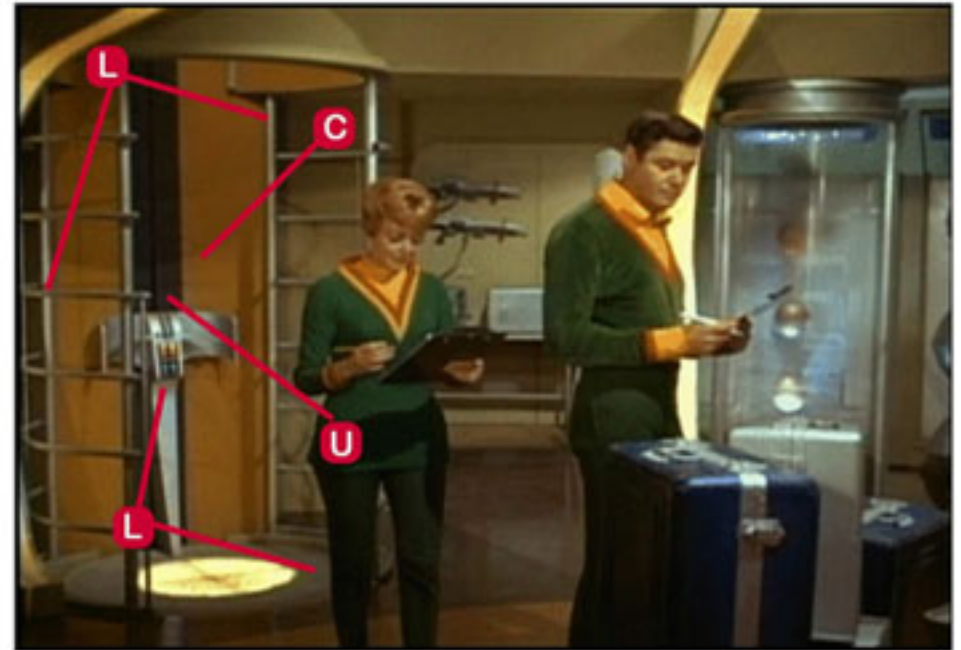
115



### Cabin Pressure and Atmospheric Controls

Left and Right Panels Pale Green - Model Master # 1716  
 Center Sensor covers are Yellow - Testors # 1114

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### Electronic Lift

The color of the aft bulkhead of the lift shaft appeared on screen to have a slightly orange tint due to lighting. Those wishing to replicate this slight color difference may add a few drops of orange to the base color.

- C. Panzer Interior Buff - Model Master # 2104
- L. Aluminum - Testors # 1181
- U. Flat Black - Testors # 1149

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## Space Pod Bay

An opening in the set wall is outlined here inside the Pod Bay, never shown on camera, this area may have been intended as an EVA equipment storage when the set was changed to reflect the new Pod Bay. All verticle bulkheads are painted Panzer Interior Buff - Model Master # 2104. Clear Panels behind the stasis Tubes should be tinted blue, and lit from the rear.

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## Stasis Tubes

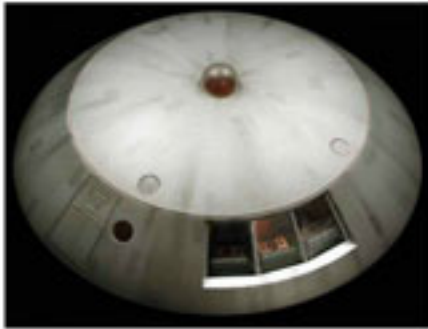
Bulkheads above the Tubes are Panzer Interior Buff - Model Master # 2104 with controls at the top of each section Steel - Model masters # 1780. Frame in center of panel is Aluminum - Testors #1181 with 3 round knobs on outside sections Brass - Testors # 1182. Bottom rear 1/3rd of each Tube is Aluminum-Testors # 1181. Tops and bases of each tube is Aluminum - Testors # 1181 with White- Testors # 1145 bottom centers.

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## Exterior Hull

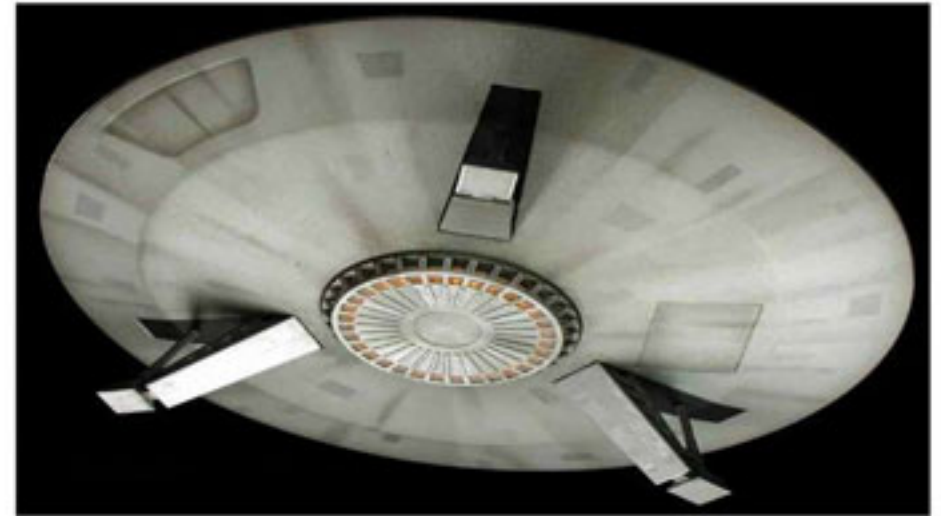
The Outer Hull is overall Metallic Silver - Testors # 1246, streaks of artists pastels can be used as weathering to add interest to a rather boring color.



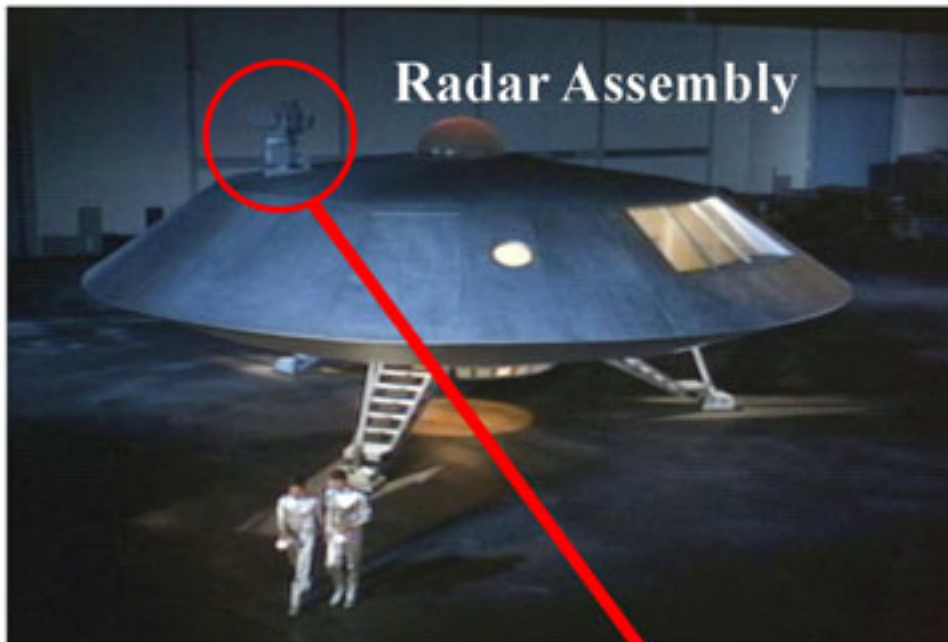
120



## Exterior Hull



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The Moebius Model kit will feature a Landing Gear profile from the full size Jupiter 2 prop. Many builders would prefer the beefed up gear from the 4 foot Hero miniature. Not to worry, Ron Gross and Paragrafix have teamed up to produce an aftermarket set of landing gear.



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**Cut!**

**Print !**