

# NOTES ON THE STARSHIP VOYAGER

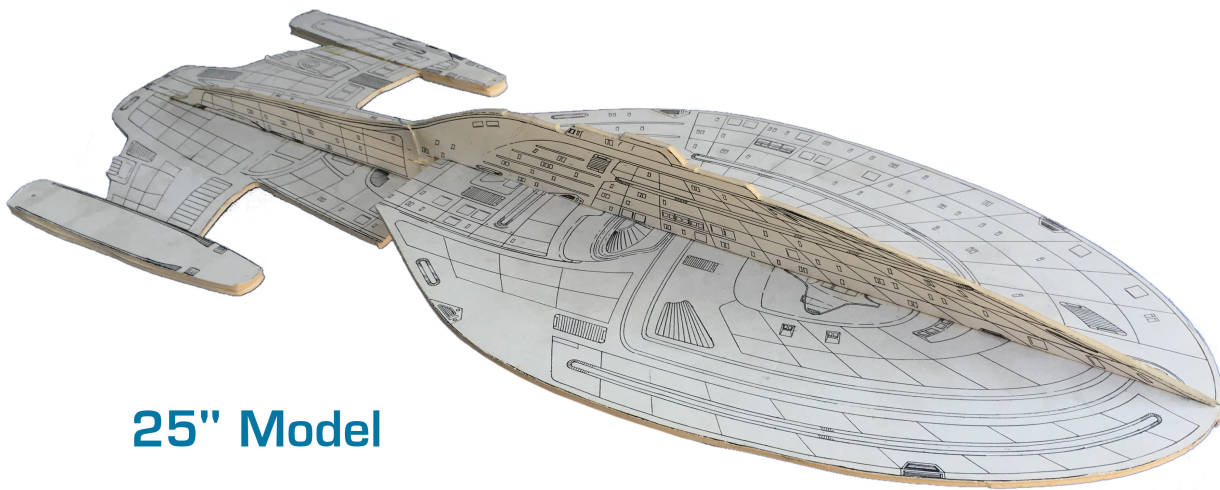
## FOAM CORE MODELS



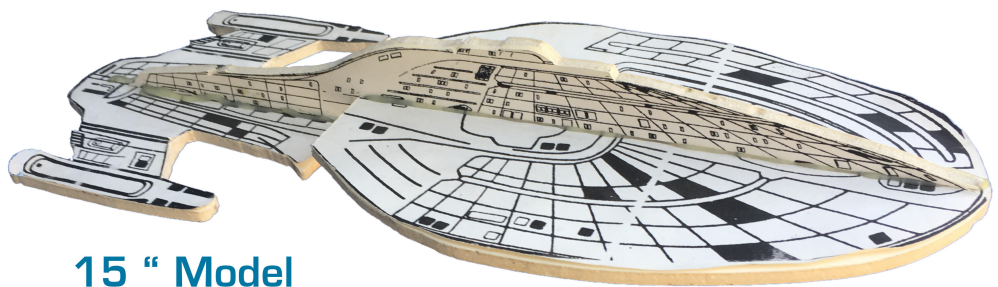
*Seen In Seasons 2 & 3*  
*Episodes Include:*

*"Basics, Parts 1 & 2"*

*"The 37's"*



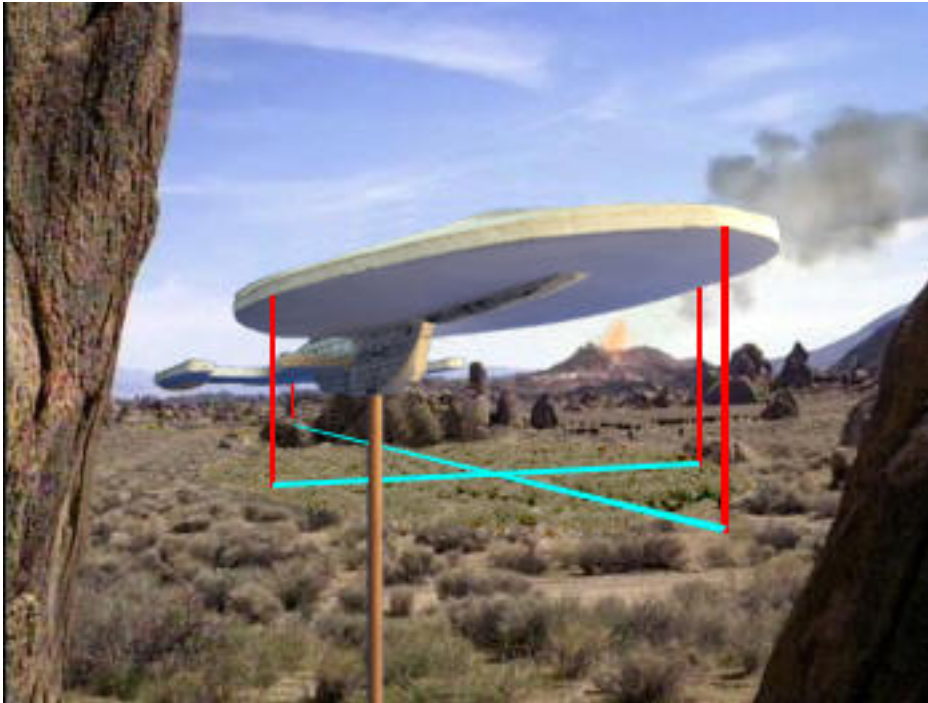
**25" Model**



**15 " Model**

These models were created by the Voyager Art Department at my request to bring on location and used in line shots where Voyager has landed and is sitting on the ground. It would be impractical to bring the expensive model out of the motion control stage and risk damage. This technique provides an accurate reference for photographing the hero miniature in the studio as well as a temporary composite for the editors to cut into the work print to give a sense of scale to the scene.

**“Basics, Parts 1 & 2”** - The Federation starship *Voyager*, alone in the Delta Quadrant, is lured into a trap which leads to the ship being commandeered by the hostile Kazon, who forcibly remove the ship's crew and maroons them on an inhospitable planet inhabited by primitive but seemingly hostile natives.



After measuring the footprint of the full size Voyager on the ground (345 meters by 116 meters), we placed the foam core mock-up as a forced perspective miniature to align with the position the starship would occupy. Shown is the 15" model. We also took careful note of the angle of sunlight.



Upon return to the studio I removed the support rod and the part of Voyager that would be behind the rocks on the location. Matching the correct angle of sunlight to draw in the shadow the full size ship would cast.

This would serve as a temp composite so the editors, director, and producers to cut into the show while the hero model is being shot and composited.





Final composite

**“The 37’s”** - The crew of *Voyager* follows an ancient SOS to a planet whose atmospheric interference requires landing the ship to investigate. On the surface, the away team discovers the source of the transmission: it is a Lockheed Model 10 Electra with an alien generator added to sustain the SOS. The crew finds a "cryostasis chamber" containing eight humans preserved since the 1930s, including Amelia Earhart and her navigator, Fred Noonan.



Another example using the technique described above:  
Reference shot with foam core mock-up.



Temp comp for  
work print.



Final composite.

Brown paper was  
placed under the  
model when  
photographing to  
assure reflected  
light from below  
would match that  
on the actual  
location.





Another example using this technique using the same angle at a different time of day. Reflected light from the sun had to be matched under the saucer.



Another angle from "The 37's"

*Dan Curry*

