Hubble Space Telescope
Expert Model — Interior

Pattern Pieces: Print this document on 32lb paper

Complete assembly directions and more information can be found online at www.hubblesite.org/go/model

About this model

This highly-detailed model of the Hubble Space Telescope is intended for experienced model-builders. This portion represents the internal structure of the telescope, including the mirror and the instrument bay, which fits inside of the external shell.

The details of this model are currently based on the telescope’s configuration after Servicing Mission 3B in 2002.

This project is not appropriate for young children because of the high level of detail and the use of dangerously sharp tools. The estimated completion time is 30 hours.

Model design by Ton Noteboom
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www.hubblesite.org
When assembling your model, keep track of which pieces are which by only cutting out the pieces you need for the particular part you are assembling, and lightly write the number of the piece in pencil on the back.

The parts are in sections labeled according to the part of the telescope they belong to.

Although this model can be built on its own, it is attended to accompany the external model of the Hubble Space Telescope and will fit inside of it when both are completed.

This document should be printed onto 32-lb (120g) paper, ideally in color. (You may want to have extra printouts handy in case you need them.) The directions (in a separate file) can be printed on regular paper in black-and-white.
Cut out all sections marked with ×

Radial Instruments

Primary Mirror Assembly

Secondary Mirror Assembly

This page should be glued to cardboard before cutting out the pieces. Cut out all sections marked with ×.
This page should be glued to cardboard before cutting out the pieces.
Cut out all sections marked with ✗