

CASE STUDY:

3D Printing now on Exhibit



The Museum of the Bible's Khirbet Qeiyafa

CHALLENGE

Museums have a unique responsibility to study, preserve, and display our historic treasures. It's a challenge to achieve all three aspects while protecting the artifact, that's where a replica of the artifact becomes advantageous. Replicas can be handled, studied, and displayed without the worry of damaging a priceless artifact.

Two well known museums, the **Museum of the Bible** and the **Smithsonian National Museum of African American History & Culture** were in search of technology that could create replicas for their historical site displays. Their goal was to use the displays to educate visitors and provide them a bird's eye view of the entire site. They reached out to ABC Imaging 3D Services, because of our experience with 3D printing and our local team that could be responsive to on-site visits and the museum's busy schedule.

ABC IMAGING'S SOLUTION

Using the latest 3D printing technologies, we can print detailed architectural models and prototypes. In addition, our digital fabrication tools, laser cutters and CNC machines along with a variety of materials, allow us to build dynamic and durable displays. These tools and techniques were used to develop the following client examples:

The Museum of the Bible's Khirbet Qeiyafa: ABC Imaging printed a small scale replica of the ancient fortress city of Khirbet Qeiyafa that overlooks the Elah Valley in Israel. The 3D model was printed in a durable ABS material and is on display in the museum's children's center. Children that visit can get an idea of what the archaeological site looks like and have a better understanding of its significance in history.

Smithsonian National Museum of African American History & Culture: ABC Imaging printed a 3D Color Jet Printed (CJP) tactile model displaying the **1968 City of Hope**, a one year exhibit commemorating the 50th anniversary of the demonstration against social and opportunity inequalities organized in DC shortly after the death of Martin Luther King, Jr.

RESULTS

- 1 Our clients **get an experienced team** that can problem solve their project from start to finish. We can work with any file from a sketch to a complex wireframe.
- 2 Clients get their project **on time, on budget and within the demands of hectic schedules.** We have an experienced team that can respond to your needs.



ABOUT ABC IMAGING

ABC Imaging continues to be the leading provider of innovative printing solutions and unique services. It has grown to operate stores at more than 35 locations globally and employs more than 500 people. With our focus on innovative solutions, from print-on-demand to 3D printing and from on-site print management to building wraps, ABC Imaging has a simple mission—"Impress Every Client, Every Time."

TO LEARN MORE

Contact your local ABC Imaging Sales Representative or the 3D Services team at: 3DHQ@abcimaging.com



ABC Imaging

5290 Shawnee Road Suite 300
Alexandria, VA 22312
202.429.8870
sales@abcimaging.com



Visit us at abcimaging.com