Great Pyramid Grand Gallery Ceiling

The following pages represent a project to photograph the ceiling of the Grand Gallery, in order to count the overlapping selves of stone layers.

This was done in the 1980s during one of our travels to Egypt. It was during one of the rare times we were given permission to do the work without interruption of other tourists or guides.

Brian Kutscher had drawn schematics of the Gallery with proposed positioning of the camera for the images. These instructions are on the following 3 pages. Nearly 100 photos were taken. The last page is a composite of the most useful images.

It should be noted that due to the angle of the ceiling and floor and camera positions, the length of each section does not always appear proportional to the others. However, visually they appear to be about equally spaced. Furthermore, due to stone marring, deteriorations and surface blackening from ancient use of torches, each overlap is not easily discernable. Morton Edgar indicated 36 overlappings in GPPI:71, 384. Others see as many as 43. Yet with careful examination of the larger views of each photo, we have marked what seems to us are 40 unique overlaps in the ceiling. These are marked on the last page along with a photo of the North end wall with its 7 unique layers.

In examining this last page, you may find it useful to zoom to 200-400% or more to examine the details, and then pan right and left.

Jerry Leslie
Highly stylized visualizations of what a widely separated stereo pair of photographs would show. If you do take a pair such as these, would you please be sure to get an accurate measurement of the distance between the 2 camera positions? This is important for any future measurements that may be made from the photographs. Thank you,

Br. Brian Kutscher
If possible, if convenient, please shoot the ceiling pictures in order, as numbered. This makes the shots come out in the correct order on the negatives. I am assuming that the bottom of your camera will be facing the West Wall of the Grand Gallery. If facing the East Wall, shoot them in the reverse order, please.

Thank you,
Brian.
Entrance passage leading to Chambers of Construction

In all frames, North is Right ▶ East is up ↑

Count of ceiling stones from North to South walls ➔