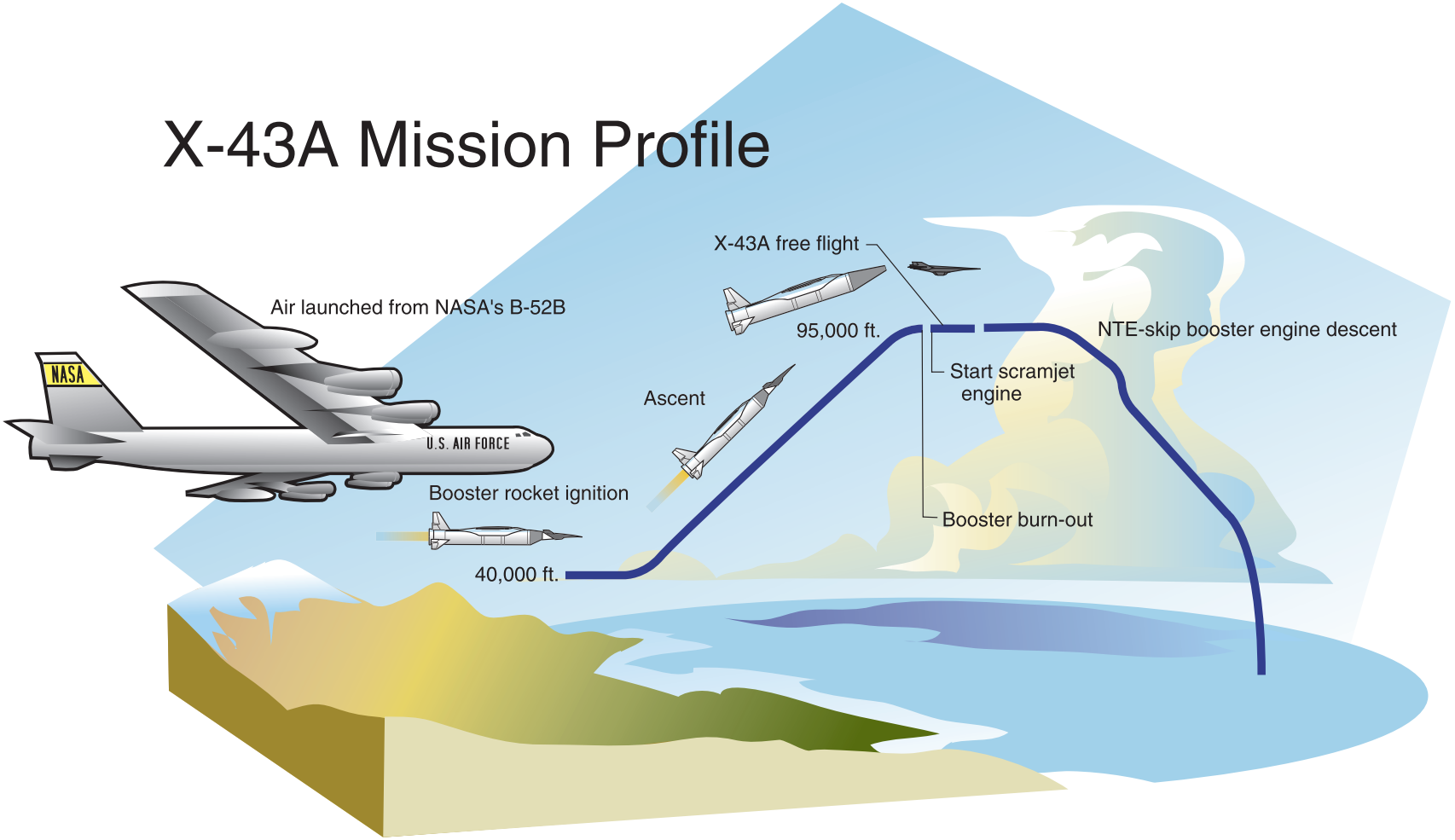X-43A Mission Profile