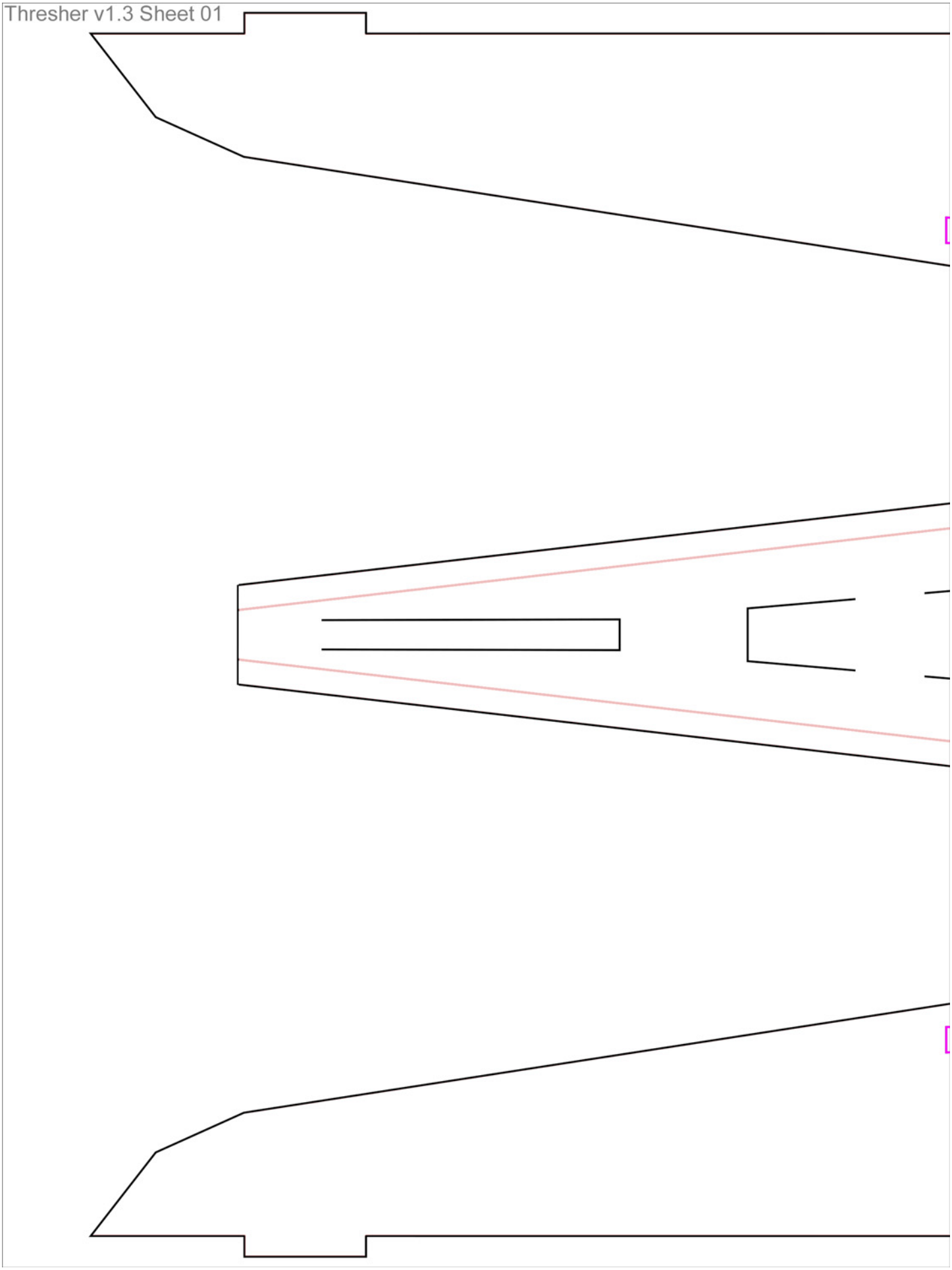Thresher v1.3 Sheet 01