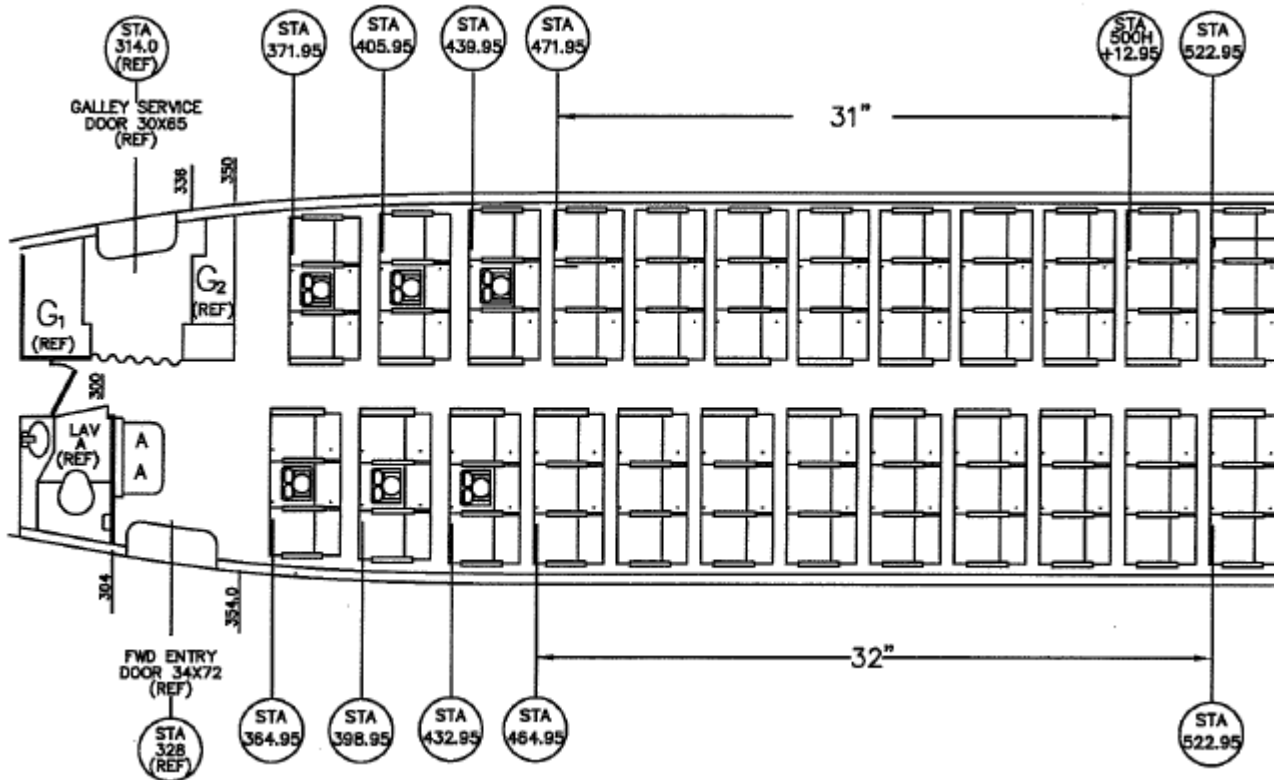


VIRGIN BLUE B737-700/-800 INTERIOR RECONFIGURATION

Project Description

Virgin Blue came to TASS for an interior reconfiguration of their Boeing 737-700/-800 fleet. The first three rows were to be replaced with Recaro convertible seats and repitched, and the remainder of the seats forward of the emergency doors repitched to accommodate.



To certify the new configuration, TASS created a new LOPA and all the supporting documentation. The most involved document to produce was the structural substantiation. For this project, the entire floor structure (floor panels, seat tracks, and floor beams, including the attachment to the frame) had to be analyzed to insure its capability to support the heavier LiveTV-equipped Recaros.