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# **ASE Simulator Relocation Projects**



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## 1.0 INTRODUCTION

ASE is a full service flight simulation company. We design and manufacture the entire range of flight simulators from Basic Aviation Training Devices up to Full Flight Simulators. We move and install our own simulators for our customers and from time-to-time we also perform relocation services for other users. This document describes two recent major relocation projects.

## 2.0 FULL FLIGHT SIMULATOR RELOCATION (HYDRAULIC MOTION SYSTEM)

During August and September of 2006, ASE relocated the Level C Jetstream 41 Simulator from St. Louis, Missouri to Humberside Airport, England. This work was performed for the Pan Am International Flight Academy. ASE was responsible for disassembly of the simulator, construction of the shipping crates, packing the equipment for road and sea transportation, loading onto trucks, unloading in UK and reassembly, power –up and checkout at the final destination. ASE also prepared the UK facility for the installation of the simulator. The entire project was completed in three months, including the sea transit of approximately 30 days.

This photo shows the J-41 simulator in the TWA facility in St. Louis, Missouri, USA. The Level C simulator was mounted on a 6-DOF Hydraulic motion system.



This photo shows the crated simulator after its arrival at the final destination in Humberside, England.

In the foreground, you can see the preparation for drilling holes in the concrete floor for the motion base.

The drilling and installation equipment belong to ASE.



### 3.0 FULL FLIGHT SIMULATOR RELOCATION (ELECTRIC MOTION SYSTEM)

In September 2009, ASE moved the Level C Citation Jet simulator from the ASE plant in Odessa, Florida, USA to the customer's facility in Carlsbad, California. This simulator was manufactured by ASE, the disassembly and reassembly were performed by ASE.

The simulator is supported during the removal of the motion legs.



The motion legs and other components are packed on skids, then shrink-wrapped.



**Flight Simulator Relocation Projects**

The main body of the simulator and visual system are moved out of the ASE factory before loading onto the shipping truck.



For this relocation, the transportation was accomplished by truck only, therefore the simulator was not crated and packed to the extent necessary for sea shipment.

The simulator loaded onto the Low-Ride trailer for transport to California.



Reassembling the simulator in California.

