

REGULATOR VALVE & RESERVOIR COVER INTEGRATED ASSEMBLY & TEST PROJECT

AERO NAV LABORATORIES recently completed an integrated assembly and test program for the **GSE Dynamics Company** of Hauppauge, NY. The project consisted of assembling valve and cover assemblies and subsequently performing environmental testing. This *sequential* approach has proven to be of significant value. The responsibility for assembling the units allowed the laboratory to perform any adjustments or modifications in the event of difficulties during testing. The more common and least efficient, i.e., more costly means, is to return the units under test to the manufacturer for rework.

The net result of this approach, to do assembly and testing sequentially in the laboratory, is to **reduce costs** for the customer while **shortening the program timeframe**. It also assists the manufacturer where they may not have the necessary skills to do the required tasks.