



ENGINE GOVERNING SYSTEMS

Service Letter

Section EG 120-3

SUBJECT:

Selection of Engine Dead Time Filter Compensation with CU 671C Series and CU 673C Series Speed Control Units.

Latest production CU 671C series and CU 673C series speed control units have the convenience of selecting additional engine dead time filter compensation. The procedure of adding a 10 mfd, 10 volt, (polarized) capacitor that is described in our electric governor manual, page EG 100-2, will not be necessary for "C" version speed control units with this new provision.

All "C" version speed control units with serial numbers above **2R6239** have been equipped with this provision.

To select additional engine dead time filter compensation with these "C" version speed control units, simply add a jumper wire between terminals "H" and "M".

This provision should only be used when engine dead time becomes too excessive. Engine dead time is the time between power strokes plus fuel system delays which can cause surging or periodic low frequency instability.

This provision will allow new versatility and still maintain simplicity of adjustment with the "C" version speed control unit.