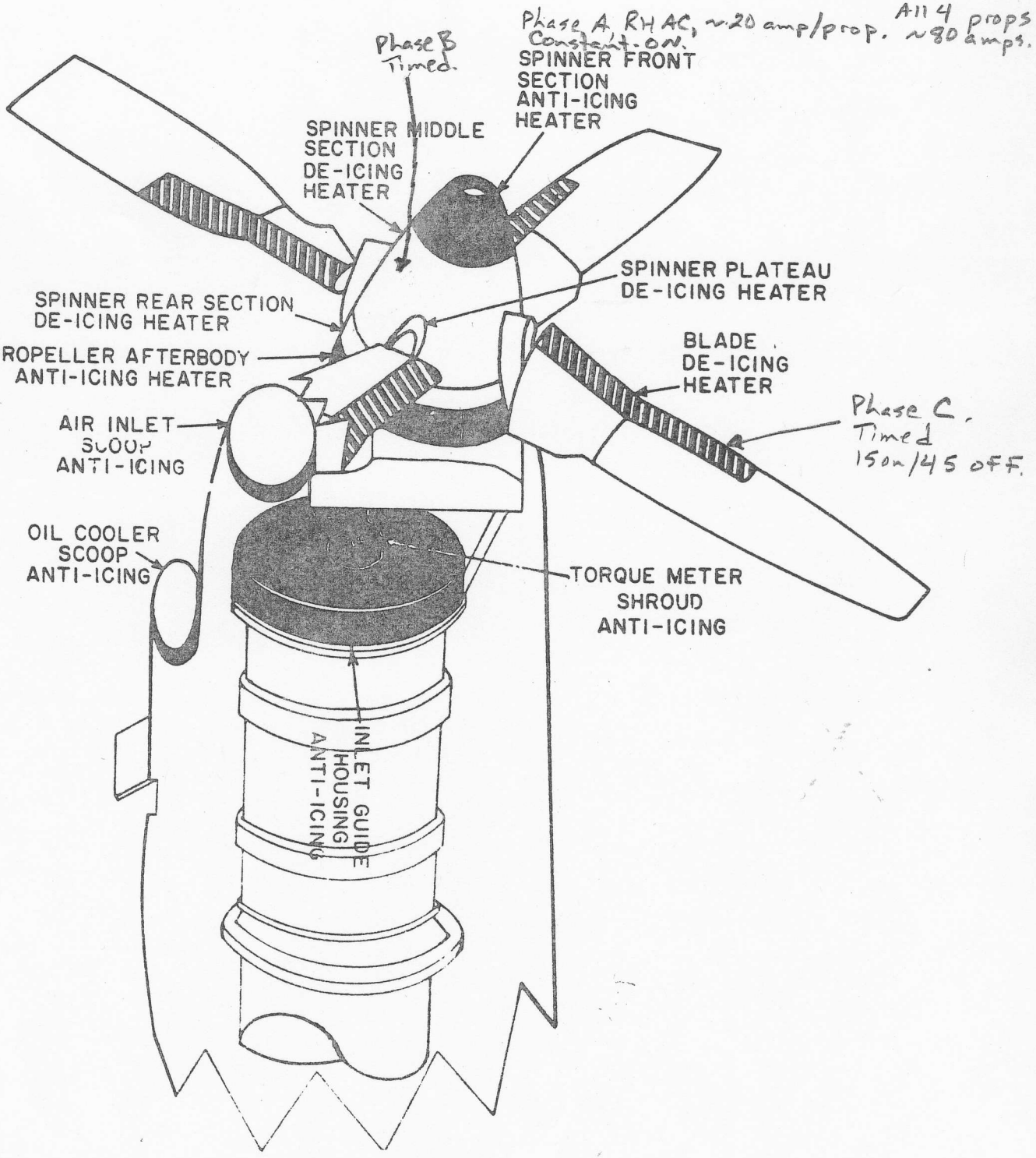PROPELLER AND ENGINE ANTI-ICING AND DE-ICING SYSTEM