

FIELD SERVICE BULLETIN NO. 15
JULY 2, 1951

TO: ALL NAVION DISTRIBUTORS, DEALERS AND
OWNERS OF SUPER 260 MODEL NAVIONS

SUBJECT: CARBURETOR AIR INDUCTION SYSTEM - INSPECTION AND MAINTENANCE

EFFECTIVITY: ALL SUPER 260 MODEL NAVIONS

The more extensive service experience now obtained with the Super 260 Model Navion has revealed that there are certain inspection and maintenance procedures connected with the carburetor air induction system, which must be faithfully performed on these airplanes for maximum safety and engine reliability. Part I of this bulletin describes a mandatory air duct inspection and Part II describes a very important air filter cleaning procedure.

PART I. INSPECTION OF DUCT - CARBURETOR AIR INDUCTION (FLEXIBLE)
PART NO. 146-42207

There are two short sections of ribbed flexible duct in the carburetor air induction system on the Super 260 Model Navion. One section connects the carburetor heat collector shroud to the main carburetor air system and the other connects the air inlet duct to the mix box on the carburetor throat. The partial or complete collapse of either of these ducts, while it would not cause engine stoppage, could seriously restrict the breathing capacity of the engine and so cause some loss of power. Therefore, it is required that these ducts be immediately inspected for any signs of crushing or softening. The clamps attaching these flexible ducts to the adjacent metal ducts should also be inspected for proper tightness, as clamp looseness will permit slippage and malformation of the ducts. After this immediate initial inspection, it is further recommended that the condition of the flexible ducts be checked at each regular 25:00 hour engine inspection period usually recommended as good general maintenance procedure.

PART II. CARBURETOR AIR FILTER, PART NO. 146-42103 - INSPECTION
AND MAINTENANCE

Extensive test programs conducted by the U.S. Army and Navy Air Forces as well as the major airlines have proven that a properly maintained carburetor air filter will increase the reliability and extend the service life of any