

12 A NOTICE OF ADDITIONAL INFORMATION WHICH APPLIES TO THOSE WHO HAVE PURCHASED EITHER THE STAINLESS STEEL COIL SPRING TYPE OR THE STEEL BELVILLE SPRING WASHER TYPE OF NOSE GEAR SHIMMY DAMPER.

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RECENTLY, MIKE MELVILLE OF R.A.F. INSTALLED THE BELVILLE SPRING WASHER TYPE OF SHIMMY DAMPER ON HIS PLANE. IN DOING SO HE DISCOVERED THAT WHILE THE TOP OF THE FORK NG-16 WAS MACHINED SMOOTH THE UNDER-SIDE OF NG-15A WAS NOT. IN ORDER TO INSURE PROPER OPERATION OF THE UNIT WITHOUT MACHINING NG-15A MIKE RAN A DRILL DOWN THROUGH THE ORIGINAL SHIMMY DAMPER HOLE (Nº 25 DRILL IF YOU WANT TO PRESERVE THE THREADS - OR Nº 12 DRILL IF YOU DON'T), AND SPOTTED THE CENTER ONTO THE BRONZE THRUST WASHER. HE THEN REMOVED THE WASHER AND DRILLED A 3/8" DIA. HOLE THROUGH IT AT THAT POINT. MIKE THEN PLACED THE ORIGINAL PLASTIC FRICTION PIECE INTO THIS HOLE SO THAT IT ALSO ENGAGED THE CASTING NG-15A. THUS, THE THRUST WASHER REMAINED STATIONARY IN RELATION TO NG-15A, AND ALL TURNING FRICTION THEN TOOK PLACE BETWEEN THE BOTTOM FACE OF THE BRONZE WASHER AND THE TOP FINISHED FACE OF NG-16. A SIMPLE YET EXCELLENT IDEA.

REMEMBER TO PLUG THE TOP OF THE HOLE IN NG-15A SO THAT WATER AND DIRT ARE KEPT OUT.

IF YOU HAVE DISCARDED THE PLASTIC BUTTON, THEN USE A 3/8" DIA. X 7/8" LG. PIECE OF ALUMINUM OR BRASS ROD FOR THIS PURPOSE.

ONE FINAL NOTE. MAKE SURE THAT WASHERS ③ AND ④ ARE CENTERED BY THE FLANGES OF THE BUSHINGS PRESSED INTO NG-15A. LATELY, SOME FLANGES ARE RUNNING 1 1/8" O.D. AND YOU WILL HAVE TO OPEN UP THE WASHER I.D.s TO SUIT. FIT AND CONCENTRICITY HERE ARE NOT CRITICAL. IMPORTANT THING IS TO CENTER THE WASHERS, AND PERMIT THEM TO BEAR AGAINST OPPOSING SURFACES IN AS FLAT A MANNER AS POSSIBLE. THIS ALLOWS DEVELOPMENT OF THE FULLEST CONSTANT FORCE REQUIRED TO ELIMINATE SHIMMY.

IF YOU HAVE NOT INSTALLED THE SHIMMY DAMPER ON YOUR PLANE, BUT WOULD STILL LIKE TO DO SO, THEN THIS WILL SERVE NOTICE THAT A COMPLETE KIT WILL BE AVAILABLE JUNE 1ST, AND WILL INCLUDE ALL MANUFACTURED STEEL AND BRONZE PARTS AS WELL AS HARDWARE AND THE NEW STAINLESS STEEL BELVILLE SPRING WASHERS.

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