

**PROPELLER INSTALLATION INSTRUCTIONS  
FOR SENSENICH 74DM6S8 PROPELLER  
ON SOCATA MODEL TB-9 AIRCRAFT**

- I) Remove Socata spinner assembly, Sensenich or Hartzell Propeller and mounting bolts per instructions in TB-9 Maintenance Manuals.

**Original attaching bolts and spinner can be used to install Sensenich Propeller, provided original propeller was a Sensenich 74DM6S8.**

II) **INSTALLATION OF 74DM6S8 PROPELLER:** (REFER TO DRAWING)

- a) If removing a Hartzell constant speed propeller, the rear crankshaft plug, Lycoming P/N 61510, must be removed and a front crankshaft plug, Lycoming P/N STD1211, must be installed before the Sensenich fixed pitch propeller is mounted on the flange.
- b) Install propeller, spacer assembly, aft spinner bulkhead (P/N TB09.58.004.001), on engine flange as per included drawing #B-1762.
- c) Position forward spinner bulkhead (P/N TB09.58.013.001), and insert propeller attaching bolts (6 each AN6H-63AS bolts and AN960-616 washers (furnished)).
- d) Tighten propeller attaching bolts (280 to 300 in-lb.). Install 0.040 inch diameter stainless steel safety wire (not furnished).
- e) Install spinner cap (P/N TB09.58.013.100).

III) **WEIGHT AND BALANCE:**

- a) Revision of the aircraft weight and balance is not necessary if replacing a Sensenich Propeller. If replacing a Hartzell constant speed, the weight and balanced must be changed. The Sensenich 74DM weights 36.8 lbs at an arm of -47.64 inches.

IV) **FLIGHT MANUAL SUPPLEMENT:**

Sensenich Flight Manual Supplement must be installed in aircraft when the above alteration is made. Fill out a 377 form for the alteration and make all necessary changes to the aircraft records.

74DM6S8 INSTALLATION  
SOCATA MODEL TB-9  
K.C.D. 1/31/92

