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PROPELLER INSTALLATION INSTRUCTIONS FOR SENSENICH FIXED PITCH METAL PROPELLERS USING SAE NO. 0 TAPER SHAFT HUB.

WARNING: Any propeller installation should only be accomplished by an FAA certified mechanic!

Before Installation:

a) Thoroughly clean the surfaces of the hub and the rear/mounting face of the propeller. Carefully examine each surface and especially examine the splines in the hub area. Even minor nicks or burrs must be smoothed.

b) Make sure the propeller attaching bolts, and the threads in the retaining nuts are clean and dry.

c) Be certain that the hub is not attached to the engine. If it is, make sure the magneto switch is off, and that both magnetos are grounded before removing.

Propeller Installation:

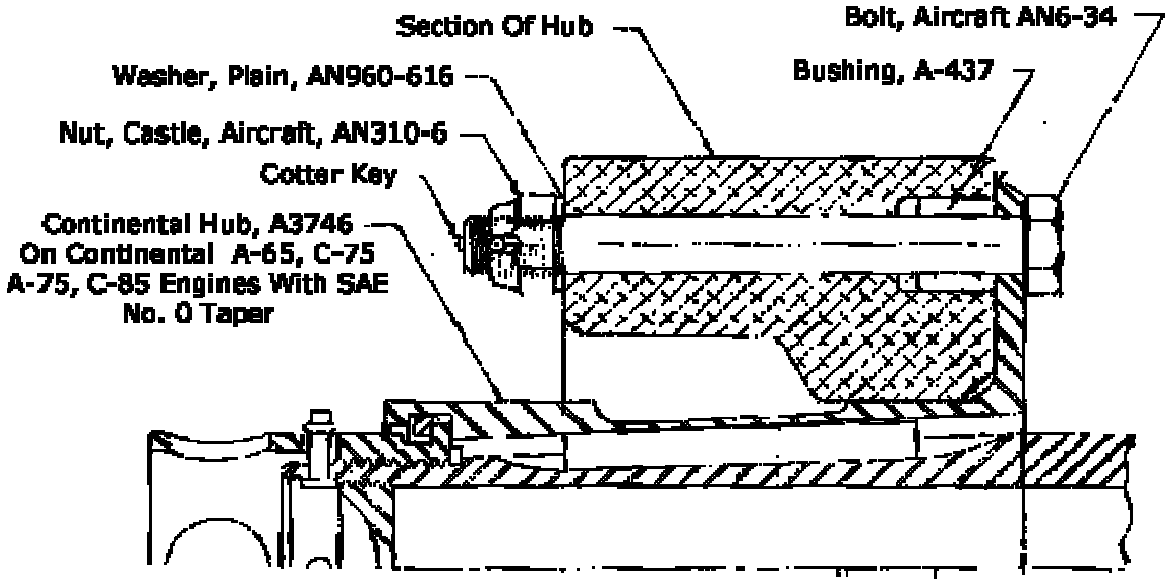
a) Insert the A437 bushings in the propeller's counterbores.

b) Locate the propeller on the hub flange with reference to the blade position with the keyway. Refer to the airframe, engine manufacturers documentation, or TC data sheets for proper positioning of the propeller on the hub flange.

c) Insert the bolts through propeller holes, counterbore side, and place a washer on the threaded end which will extend past the front of the propeller face. Hand thread the nut onto the end of the bolt until tight.

d) Torque the attaching bolts according to the chart below. Apply torque in small increments, working diagonally across the bolt circle until reaching the recommended torque.

HALF SECTION OF HUB ON SAE NO. 0 TAPER SHAFT



ATTACHING BOLT DIAMETER	RECOMMENDED WRENCH TORQUE
3/8 inch	23 to 25 lb-ft (280 to 300 lb-in)
	(31.6 to 33.9 newton-meters)
7/16 inch	40 to 45 lb-ft (480 to 540 lb-in)
	(54.2 to 61.0 newton-meters)
1/2 inch	60 to 65 lb-ft (720 to 780 lb-in)
	(81.3 to 88.1 newton-meters)