

SENSENICH PROPELLER MANUFACTURING COMPANY, INC.



AREA CODE 717

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1 August 1988

PROPELLER INSTALLATION INSTRUCTION SENSENICH S69CK12 PROPELLER ON CESSNA 150L, A150L, 150M, A150M

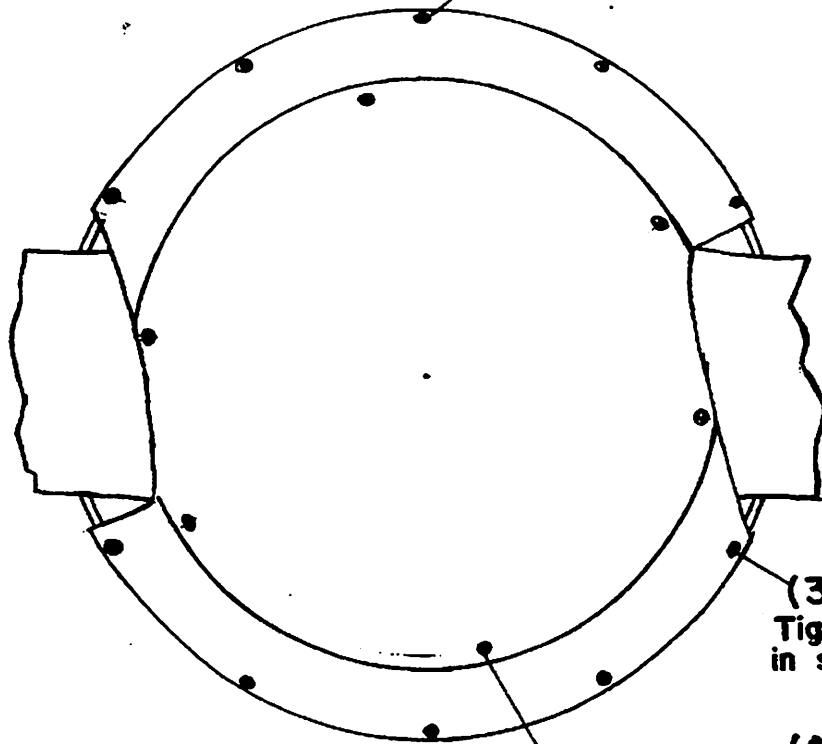
- I) Remove existing Cessna spinner assembly, McCauley Propeller and mounting bolts.
- II) Parts List:
- 69CK Propeller
 - SPKS12 Spacer
 - C2325 Backplate
 - C2324 Spinner Base
 - C2323 Spinner Cap
 - BK69CK12 Bolt Kit
 - Six AN6H-70AS Special Propeller Bolts
 - Six AN960-616 Washers
 - Sixteen A1020 Fibre Spinner Washers
 - Sixteen AN526-1032-R8 Spinner Screws
- III) Installation of S69CK12 Propeller:
- a) Install propeller, rear bulkhead, and spacer (assembled) on engine flange. Position spinner base (C2324), and insert propeller attaching bolts (AN6H-70AS and AN960-616) with washers under the head.
 - b) Assemble spinner base to rear bulkhead.
 - c) Tighten propeller attaching bolts (280 to 300 inch lbs.) Install .040 inch dia. Stainless steel safety wire (not furnished).
 - d) Install spinner cap (C2323) with A1020 Fibre Spinner Washers and AN526-1032-R8 Spinner Screws.
- IV) Weight and Balance:
- a) Cessna 150L, A150L, 150M, A150M - There is a net decrease in aircraft moment when a McCauley 1A102/PCM or OCM with mounting bolts and Cessna spinner assembly (P/N 0450042-2, P/N 0450050-3) are removed, and replaced with a Sensenich S69CK12 propeller and spinner assembly. The change is 182.85 lb.-in. (the propeller moment arm is 34.5 inches) and the decrease in useful load is 5.3 lb.
 - b) Cessna 150L, A150L - There is a net decrease in aircraft moment when a McCauley 1A101/GCM or HCM with mounting bolts and Cessna spinner assembly (P/N 0450042-2, P/N 0450050-3) are removed, and replaced with a Sensenich S69CK12 propeller and spinner assembly. The change is 158.7 lb.-in. (the propeller moment arm is 34.5 inches) and the decrease in useful load is 4.6 lb.

69CK12 Installation
Cessna 150L, A150L, 150M, A150M
BRS 5/5/88

Visit Our Web Site at <http://www.sensenich.com>

(1)

Install SPINNER BASE to BULKHEAD, loosely,
before tightening PROPELLER ATTACHING BOLTS
TEN AN526-1032-RB or equivalent Pan Head Screws required W/washers



(3)

Tighten Pan Head Screws
in spinner skirt.

(4)

Install SPINNER CAP over completed
PROPELLER ASSEMBLY
SIX AN526-1032-RB or equivalent Pan Head Screws required W/washers

C-2324

C-2325

C-2323

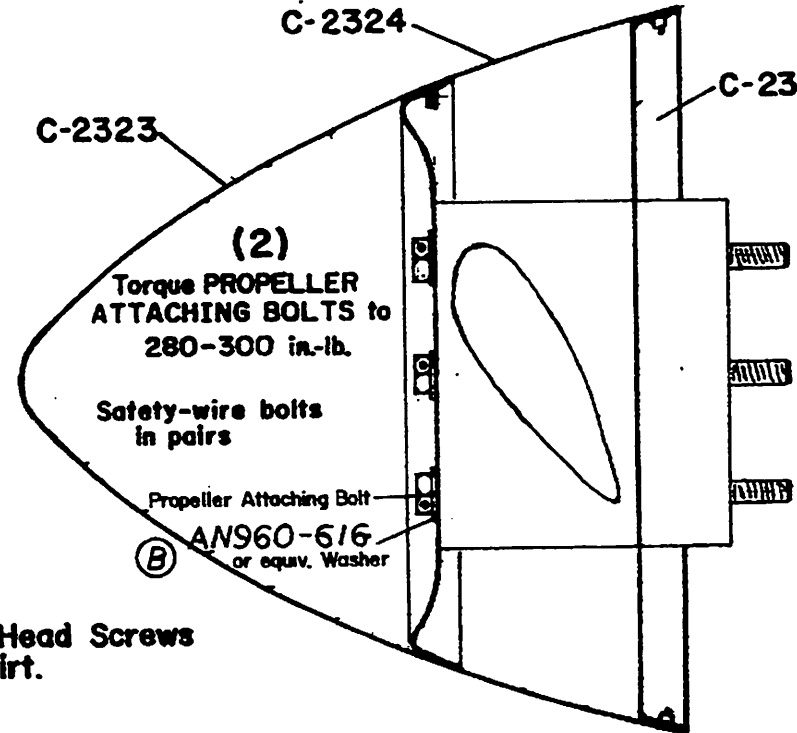
(2)

Torque PROPELLER
ATTACHING BOLTS to
280-300 in.-lb.

Safety-wire bolts
in pairs

Propeller Attaching Bolt

(B) AN960-616
or equiv. Washer



CHANGES

REV.	DATE	CHANGE DESCRIPTION	BY	APP'D
A	11-13-92	Was CORPORATION	KD	KD
B	11-13-92	Was WC22-6	KD	KD

SENENICH PROPELLER (B)
LANCASTER, PENNSYLVANIA, U.S.A.

SPINNER ASSEMBLY

69CK or 72CK Series Propellers

DRAWING NO. A-1076

AUGUST 9, 1985

R.E. Bristol