

# SENSENICH METAL PROPELLER ORDER FORM

02-2-12

PRINT NAME \_\_\_\_\_

CUSTOMER NUMBER \_\_\_\_\_

ADDRESS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SHIPPING ADDRESS: (if different) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PHONE: (day) \_\_\_\_\_

(eve) \_\_\_\_\_

THIS PROPELLER WILL BE INSTALLED IN MY RV-\_\_\_\_\_

SERIAL \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

The Sensenich metal propellers we sell were developed specifically for the RV series and are the ONLY fixed-pitch metal propellers approved by Van's Aircraft Inc. for use on RV aircraft.

Use the chart below to choose the proper propeller. Start by determining the length of crankshaft extension required by your cowl. Kits shipped since late 1993 require a 2 1/4" extension. Prior to 1993, cowls for fixed pitch props (shown on the packing list as Fixed Pitch or FP) required a 4" extension. Next, choose the diameter of the prop bolts required by your engine. (New 160 hp engines from Van's use 7/16" bolts, new 180 hp engines use 1/2" bolts.)

Prop pitches (in parentheses) are based on cruise speeds for RVs with gearleg fairings, landing gear intersection fairings and Van's "Pressure Recovery" wheel fairings. Cruise speeds for RVs with older wheel fairings (narrow cross-section with brake blisters) will be 4-5 mph slower and require a prop with approximately 2" less pitch. A rule of thumb: 1" of pitch change equals about 25 rpm static and about 30-40 rpm at full throttle cruise.

Here's how to decode the part numbers: *PROP 70CM7S9-0 (81)* means: 70 = design diameter in inches. CM = designator for O-320. 7 = bolt diameter in 16ths of an inch. S: requires crankshaft spacer. 9 = length of spacer in 1/4s of an inch. 0 = full blade length, not cut down from longer blade. (81) = pitch in inches. Looking at the chart, this prop is suitable for an RV-4 using a 2 1/4" spacer and requiring 7/16" diameter crankshaft bolts.

RV	HP	2 1/4" CRANK SPACER		4" CRANK SPACER	
		3/8" BOLT	7/16" BOLT (1/2" FOR O-360)	3/8" BOLT	7/16" BOLT (1/2" FOR O-360)
3	150/160	PROP 70CM6S9-0 (81)	PROP 70CM7S9-0 (81)	PROP 70CM6S16-0 (81)	PROP 70CM7S16-0 (81)
4	150	PROP 70CM6S9-0 (79)	PROP 70CM7S9-0 (79)	PROP 70CM6S16-0 (79)	PROP 70CM7S16-0 (79)
4	160	PROP 70CM6S9-0 (81)	PROP 70CM7S9-0 (81)	PROP 70CM6S16-0 (81)	PROP 70CM7S16-0 (81)
4	180		PROP 72FM8S9-1 (85)		PROP 72FM8S16-0 (86)
6/7/8/9	150	PROP 70CM6S9-0 (78)	PROP 70CM7S9-0 (78)	PROP 70CM6S16-0 (78)	PROP 70CM7S16-0 (78)
6/7/8/9	160	PROP 70CM6S9-0 (80)	PROP 70CM7S9-0 (80)	PROP 70CM6S16-0 (80)	PROP 70CM7S16-0 (80)
6/7/8	180		PROP 72FM8S9-1 (85)		PROP 72FM8S16-1 (85)
6A/7A/8A/9A	150	PROP 70CM6S9-0 (77)	PROP 70CM7S9-0 (77)	PROP 70CM6S16-0 (77)	PROP 70CM7S16-0 (77)
6A/7A/8A/9A	160	PROP 70CM6S9-0 (79)	PROP 70CM7S9-0 (79)	PROP 70CM6S16-0 (79)	PROP 70CM7S16-0 (79)
6A/7A/8A	180		PROP 72FM8S9-1 (85)		PROP 72FM8S16-1 (85)

All 70CM props for 150/160 hp engines

**\$2988.00**

All 72FM props for 180 hp engines (not suitable for 200 hp IO-360)

**\$2996.00**

Price includes crank spacer and mounting bolts.

**I WOULD LIKE TO ORDER PROP PART NUMBER** \_\_\_\_\_

\$ \_\_\_\_\_ TOTAL VISA/MC/DISCOVER \_\_\_\_\_ exp date \_\_\_\_\_

\$ \_\_\_\_\_ DEPOSIT (25% minimum. \$150.00 non-refundable)

\$ \_\_\_\_\_ BALANCE REMAINING

**Authorization to use Credit Card for Final Payment** Yes No (circle one)

## VAN'S AIRCRAFT, Inc.

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<http://www.vansaircraft.com/public/notices.htm>

## Combined Engine and Propeller Package Discount

Van's Aircraft, Inc. is proud to be able to offer a discount to builders who simultaneously buy an engine and propeller.

This discount is applicable on "bundled" purchases where an Experimental Lycoming engine is purchased in conjunction with a Hartzell, MT or Sensenich propeller direct through Van's Aircraft, Inc. The engine and propeller must be installed on the corresponding airplane as outlined in our OEM agreements. Please see other applicable restrictions on the engine and propeller order forms.

This one-time \$1000.00 discount is available only to RV builders with a Van's customer number and can only be allowed if both the engine and propeller are ordered simultaneously.

The order forms for both propeller and engine must be received together, accompanied by the appropriate 25% deposits, and must include a completed copy of this form. The discount can only be applied to the exact propeller and engine models listed on the order forms. Special order engines and propellers are not eligible, nor are customers who have already obtained an OEM engine or propeller.

Builder Name: \_\_\_\_\_

Customer Number: \_\_\_\_\_

RV Model: \_\_\_\_\_

Engine Type: \_\_\_\_\_

Propeller Type: \_\_\_\_\_

Please apply the \$1000 discount to my combined **Engine and Propeller Package**.

I certify that these products will be installed on the airframe customer number above.

Signature: \_\_\_\_\_