

HARTZELL PROPELLER INC.

One Propeller Place
Piqua, Ohio 45356-2634 U.S.A.



HPC112-1

July 17, 1997

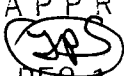
Revision A, August 15, 2001

**INSTRUCTIONS FOR INSTALLATION,
AND POST-MAINTENANCE RE-INSTALLATION, OF A
HARTZELL HC-E3YR-1RF/F7392 PROPELLER
AND C-3535-1(P) SPINNER
ON ROCKWELL / COMMANDER AIRCRAFT MODEL 112, 112B, 112TC, 112TCA**

STC SA00499SE

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Pages</u>	<u>Description of Revision</u>	<u>Date</u>
A	1	Revised heading	8/15/01
A	2	Revised heading	8/15/01
A	3	Created new page 3	8/15/01

FAA
APPROVED

DEC 19 2001

CHICAGO AIRCRAFT
CERTIFICATION OFFICE
CENTRAL REGION

NOTE: All changes are indicated by a black vertical line along the left margin.

FAA Approved _____ Date _____

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Revision A, August 15, 2001

**INSTRUCTIONS FOR INSTALLATION OF A
HARTZELL HC-E3YR-1RF/F7392 PROPELLER AND C-3535-1(P) SPINNER
ON ROCKWELL / COMMANDER AIRCRAFT MODEL 112, 112B**

1. Remove original propeller and spinner.
2. Remove placard: **“Do not exceed 24 in MP below 2400 RPM”**.
3. Install new propeller and spinner in accordance with Hartzell Owner's Manual number 115().
4. Install new placard near tachometer and manifold pressure gauge: **“Avoid continuous operation below 15” manifold pressure between 2050 and 2450 RPM”**.
5. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HPC112-2 to existing Airplane Flight Manual.
6. Revise weight and balance records to show the removal of the original propeller and spinner (using data provided in the Airplane Flight Manual Equipment List) and the addition of the following equipment at the same moment arm:

	Weight (pounds)
Propeller, Hartzell (HC-E3YR-1RF/F7392)	76.0
+	
Spinner, Hartzell (C3535-1(P))	4.5

7. Return aircraft to service with FAA Form 337 referencing STC.

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**INSTRUCTIONS FOR INSTALLATION OF A
HARTZELL HC-E3YR-1RF/F7392 PROPELLER AND C-3535-1(P) SPINNER
ON ROCKWELL / COMMANDER AIRCRAFT MODEL 112TC, 112TCA**

1. Remove original propeller and spinner.
2. Remove placard: **“MIN 20 IN. MP 2250 TO 2450 RPM, MAX 34 IN. MP BELOW 2350 RPM”**.
3. Install new propeller and spinner in accordance with Hartzell Owner's Manual number 115().
4. Install new placard near tachometer and manifold pressure gauge: **“Avoid continuous operation below 15” manifold pressure between 2050 and 2450 RPM”**.
5. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HPC112-2 to existing Airplane Flight Manual.
6. Revise weight and balance records to show the removal of the original propeller and spinner (using data provided in the Airplane Flight Manual Equipment List) and the addition of the following equipment at the same moment arm:

	Weight (pounds)
Propeller, Hartzell (HC-E3YR-1RF/F7392)	76.0
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