

FEDERAL AVIATION AGENCY

FORM APPROVED, BUDGET BUREAU NO. 04-R015

SUPPLEMENTAL TYPE CERTIFICATE

INSTRUCTIONS - SUBMIT IN TRIPLICATE TO LOCAL
FAA FLIGHT STANDARDS INSPECTOR.
COPY WILL BE RETURNED TO APPLICANT UPON
ISSUANCE

1. NAME AND ADDRESS OF APPLICANT

Arthur R. Tillesen
8101 Larsen Street
Garden Grove, California

2. SUPPLEMENTAL TYPE CERTIFICATE APPLIED FOR:

AIRCRAFT ENGINE PROPELLER

ORIGINAL MODEL DESIGNATION

Piper J4A

NEW MODEL DESIGNATION (If desired)

3. DESCRIPTION OF CHANGE

Installed McCauley 1A90-CF Propeller. No additional installation instructions required.

LIMITATION OF APPLICABILITY. This approval is applicable to Piper J4A aircraft which have a previously-approved Continental C85-12F engine installed. This approval should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.

Note: See Other Side for Powerplant Operating Limitations.

Certification Basis: CAR 4a.

WILL DATA BE AVAILABLE FOR ~~RELEASING~~ RELEASE TO OTHER PERSONS? YES NO

b. WILL PARTS BE MANUFACTURED FOR SALE (Ref. CAR 1.55)? YES NO

5. SIGNATURE AND TITLE OF APPLICANT

Wendell S. Schubert
SIGNATURE

January 21, 1961
DATE OF APPLICATION

981 143846
TITLE

6. To be Completed by FAA

NATURE AND LOCATION OF DATA

No data required.

ORIGINAL TYPE CERTIFICATE NO.

703

SUPPLEMENTAL TYPE CERTIFICATE NO.

SA4-1401

DATE OF APPROVAL

February 23, 1961

FAA APPROVAL

Original signed by
Rocco L. ...

Charles R. Hawks SIGNATURE

Chief, Engineering & Manufacturing Branch
TITLE

POWERPLANT OPERATING LIMITATIONS

ENGINE: Continental C85-12F

ENGINE LIMITS: For All Operations:
2575 RPM (85 H.P.)

FUEL GRADE: 80 Octane Minimum Aviation Gasoline

PROPELLER: McCauley 1A90-CF

PROPELLER LIMITS: Diameter:
71" Maximum
69.5" Minimum
Static RPM:
2350 Maximum
2170 Minimum

POWERPLANT INSTRUMENT MARKINGS:

Tachometer:
2575 RPM (Red Radial Line)

Oil Temperature Gage:
225°F (Red Radial Line)

A COPY OF THESE LIMITATIONS MUST BE CARRIED IN THE AIRCRAFT AT ALL TIMES.