DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A8CE
Revision 2
Mitchel
Waco RPT

March 23, 1978

TYPE CERTIFICATE DATA SHEET NO. A8CE

This data sheet which is part of type certificate No. A8CE prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder   Dean W. Mitchel
18330 West Burleigh
Brookfield, Wisconsin 53005

I - Model Waco RPT (Restricted Category), Approved July 13, 1965

Engine	Kinner R-56
Fuel	73 minimum octane aviation gasoline
Engine limits	For all operations, 1850 r.p.m. (160 hp.)
Propeller	Sensenich 90HA-90, including hub 53 lb. (-38)

Airspeed limits (CAS)   Never exceed   145 m.p.h. (126 knots)
                        Maneuvering   115 m.p.h. (100 knots)

C.G. range   (+37.0) to (+40.5) at 1975 lb.
                      (+34.0) to (+42.0) at 1875 lb. or less.
                      Straight line variation between points given.

Empty weight C.G. range   None

Datum   Front face of firewall

Leveling means   First fuselage longeron below cockpit opening on left side.

Maximum weight   1975 lb.
No. seats   2 (+48.5 and +95.2)
Maximum baggage   None

Fuel capacity   31 gal. (+10.3)
Oil capacity   12 qt. (+3.8)

Control surface movements

Aileron	Up	34°	Down	21°
Elevator	Up	26°	Down	20°
Rudder	Left	27°	Right	27°

Serial Nos. eligible   6000 only.

Certification basis   Part 8 of the Civil Air Regulations as amended to October 11, 1950.
                      Type Certificate No. A8CE issued July 13, 1965.
                      Application for Type Certificate dated November 6, 1963.

Production basis   None. No aircraft may be produced under this approval.

Equipment: The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the aircraft for certification.

NOTE 1.   Current weight and balance report together with list of equipment included in certificated empty weight and loading instructions when necessary must be provided for each aircraft at the time of original certification.

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