

STEARMAN
AIRCRAFT COMPANY



WESTERN EXPRESS, INC.
AIR



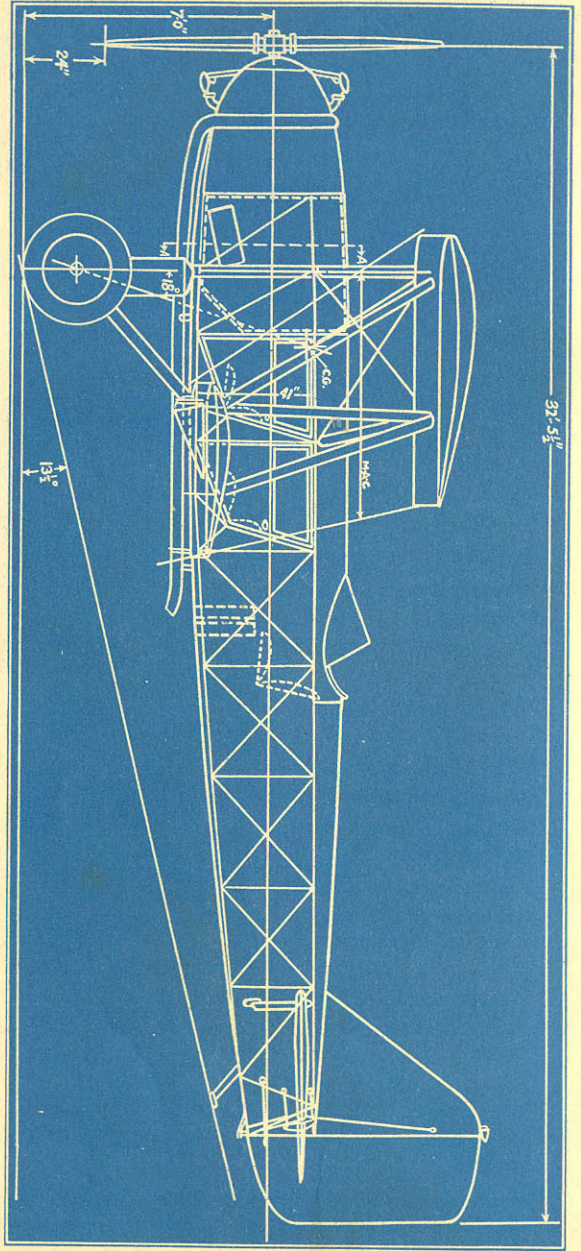
U.S. MAIL
Varney air lines

STEARMAN
AIRCRAFT CO
Wichita, Kansas

The Stearman Light Transport

PERFORMANCE DATA
Maximum Speed 140 MPH
(See Level)
Cruising Speed 105 MPH
Landing Speed 55 MPH
Rate of Climb 900 Ft./Min
(See Level)
Service Ceiling 15000 Ft

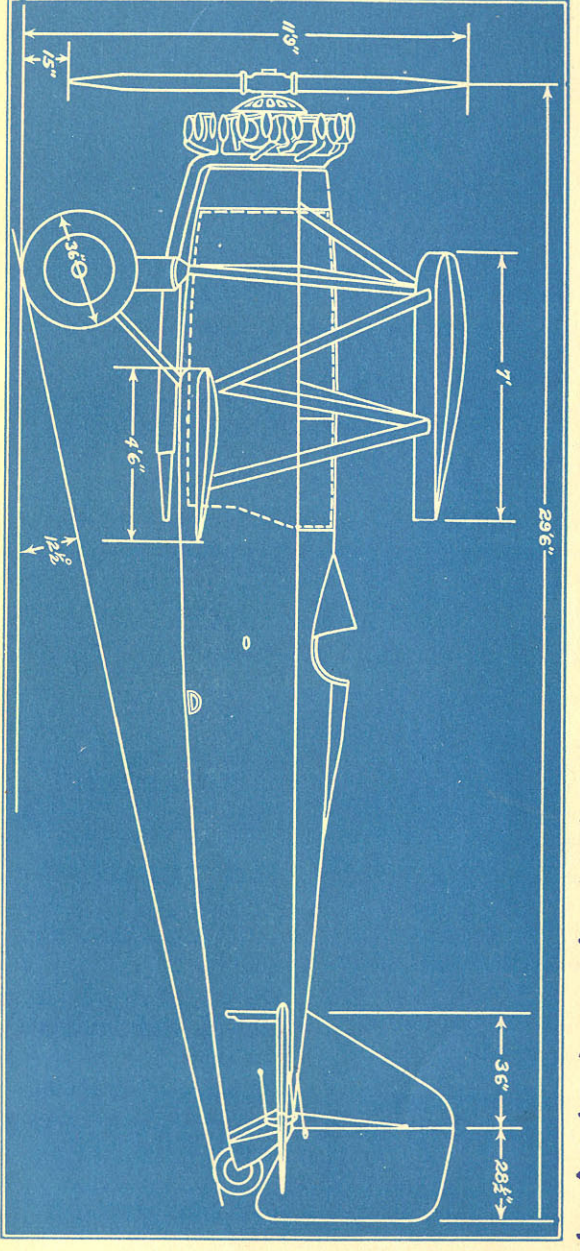
WEIGHT DATA
Weight Light 2972 Lb
Pay Load 1500 Lb
Fuel [150 gal.] 900 Lb
Oil [15 gal.] 120 Lb
Gross Weight 5662 Lb
Mail Pk. Displacement 44 Cu. Ft.
Passengers 4
Total Mail Capacity 100 Cu. Ft.
(Without passengers)
Power Loading 108/10 Lb./Hp
Wing Loading 108 Lb./Sq
span 49 ft.



The Stearman Speed Mail

PERFORMANCE DATA
Maximum Speed 150 MPH
(See Level)
Cruising Speed 120 MPH
Landing Speed 55 MPH
Rate of Climb 1400 Ft./Min
(See Level)
Service Ceiling 18000 Ft

WEIGHT DATA
Weight Light 2700 Lb
Pay Load 1000 Lb
Fuel [150 gal.] 900 Lb
Oil [15 gal.] 120 Lb
Gross Weight 5000 Lb
Mail Pk. Displacement 91.0 Cu. Ft.
Power Loading 91.3 Lb./Hp
Wing Loading 114.5 Lb./Sq
span 46 ft.



The Stearman C 3MB Model [mail plane] powered with the Wright Whirlwind Motor has proved eminently satisfactory and profitable to the mail operators using them. In and out of small fields, at high altitudes, through winter and summer storms, over arid plains and snow capped peaks, carrying loads over and above normal, Stearman Mail Planes have records of thousands of hours of economical, punctual and faithful service.

Commercial aviation will find its greatest impetus in the accomplishment of the Air Mail and it is with pride that we point to the achievements of the operators using Stearman aircraft. It is a source of additional satisfaction to commend to the mail operator two new super Stearmans. The Stearman Speed Mail and the Stearman Light Transport, the former an exclusive mail plane, and the latter a combination mail and passenger plane. Built to the strict quality standards that have identified Stearman products as among the best, and powered with Wright Cyclone power units, these new ships bid well to fill the urgent need of the progressive mail operator whose speed and load requirements have been so greatly increased.



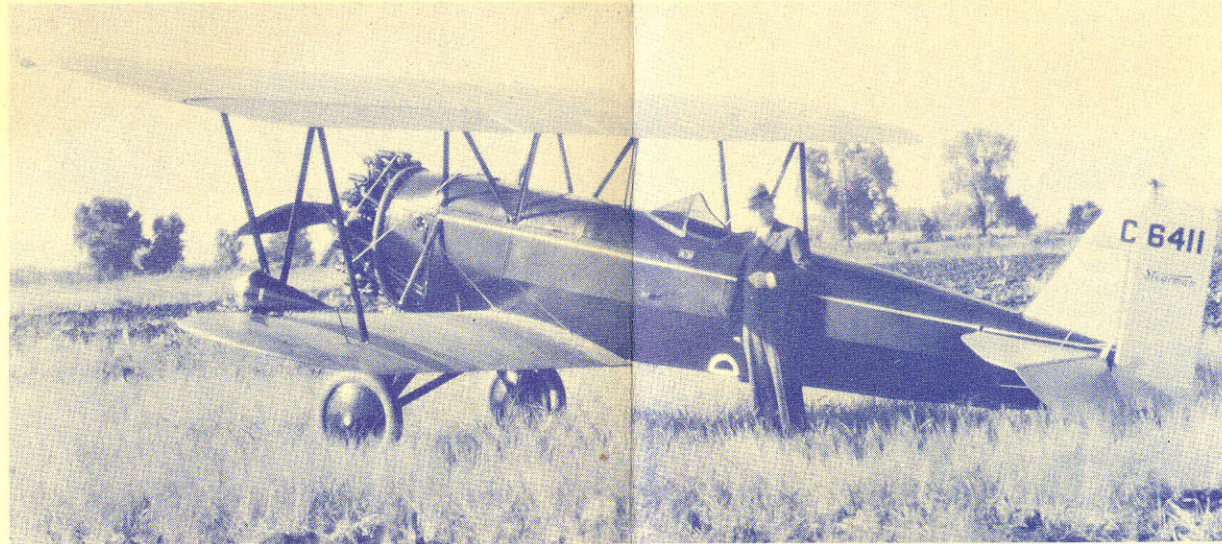
The Stearman Pledge

TO YOU: We pledge that the name
STEARMAN
shall stand for quality of the highest order, for a workmanship of the most exacting character, for a fairness in our dealings with you, of a kind that will make our business structure strong and enduring.

The Stearman Aircraft Co.

WICHITA, KANSAS

Aircraft of Distinction



Tex Marshall of the Thompson Aeronautical Company, Kalamazoo, Michigan, and the first C-3MB Stearman purchased by him for use in carrying Michigan mail into Chicago

General Specifications of the Stearman C-3MB

Span upper wing - - - - - 35 feet 0 inches
 Span lower wing - - - - - 28 feet 0 inches
 Total wing area - - - - - 297 square feet

Gross Weight - - - - - 2650 pounds
 Power loading - - - - - 13.25 pounds per H.P.
 Wing loading - - - - - 8.95 pounds per sq. ft.

Overall length, 24 feet 0 inches.

Maximum height 9 feet 0 inches.

Wheel tread, 7 feet 6 inches.

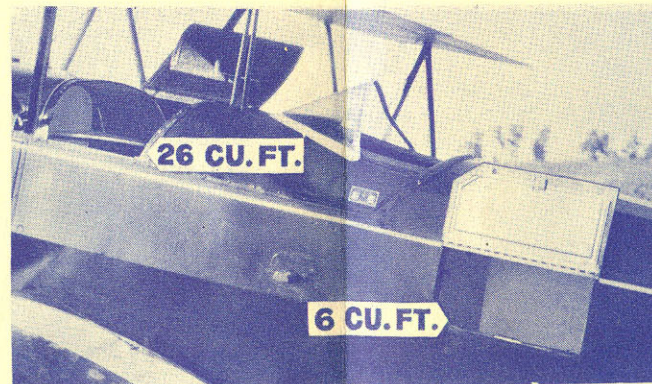
Width of passenger seat, 33 1-2 inches.

Available cargo space 30 cubic feet.

Normal pay load [32 cubic feet of mail] or 400 to 500 pounds.

Gasoline capacity: Upper wing 38 gallons; Fuselage 30 gallons.

Power plant, Wright Whirlwind [J-5A], 200 H.P. at 1800 R.P.M.



PERFORMANCE DATA

FULL LOAD

Maximum speed, 126 M.P.H.

Landing speed, 41 M.P.H.

Rate of climb at ground, 1000 feet per minute.

Service Ceiling 18000

Cruising speed [1600 R.P.M.] 105 M.P.H.

The Stearman mail plane will be appointed to suit your particular needs.

We will gladly make quotations and suggestions on your requirements without obligation to you.

The above data is conservative and is given as a minimum of performance that may be reasonably expected of every standard C-3MB Stearman