

MODELS: Brewster Fleet (Phillips) 7, 2 POLB

T.C. NUMBER: 2-562

(Remodeled by Phillips Aviation Company, South Pasadena, CA.)

Engine	Phillips 333
Engine limits	For all operations, 2100 rpm (120 hp)
Propeller	Static rpm at maximum permissible throttle setting - not more than 1720, not less than 1720 Diameter - not more than 84 in., not less than 81 in.
Airspeed limits	Level flight or climb - 104 mph True Ind. Glide or dive - 138 mph True Ind.
Fuel capacity	24 gallons (one tank in fuselage) (-6.5)
Oil capacity	2 gallons (-27.5)
No. passengers	1 (+9.5) (pilot at +39.5) (See NOTE 3)
Baggage	None
Maximum weight	1678 lbs.
C.G. range	(+1.8) (32.7 percent MAC) to (+3.1) (35.8 percent MAC)
MAC	44.1 in. L.E. MAC (-12.6)
Certification basis	CAR 04.031 effective prior to 11/9/45
Serial Nos.	212 and 403 eligible (See NOTE A)

EQUIPMENT: (Datum is lower wing leading edge)

Class I:

101.	Propeller - Hamilton Standard adjustable metal, hub 5008, blades 13B0-12	48 lbs.	(-70)
102.	22x10-4 (Goodyear) wheels, tires and brakes	71 lbs.	(-13)
103.	Tail wheel - Firestone 3.00x6	4.5 lbs.	(+169.5)
104.	Phillips D637 oil radiator	5 lbs.	(-25.5)
105.	Carburetor heater (Phillips 5692)	1 lb.	(-57.5)
106.	Fixed ballast	14.5 lbs.	(-48.5)
107.	Parachute in rear seat (See NOTE 2)	20 lbs.	(+39.5)

Class II:

200. Miscellaneous items as noted in approved  
weight and balance report

Class III:

None

NOTE A. Additional airplanes of Fleet 7 may be made eligible when changed  
to conform. Each aircraft certificated must satisfactorily pass.

(a) An inspection of the revised structure for workmanship, materials  
and conformity before covering, metal priming or final finish is  
applied. All woodwork may be varnished.

(b) A final inspection of the completed aircraft.

(c) A complete check of flight and engine cooling characteristics.  
The serial number(s) of all aircraft certificated under this note must  
be forwarded to the West Coast Engineering Branch at the time of  
original certification in order that this specification may be revised  
to include the additional airplane(s) under "Serial Nos."

NOTE 1. Eligible for export as follows subject to inspection for equipment  
specified in Chapter XII of Inspection Handbook:

(a) Canada

- Landplane

- Skiplane - not eligible.

(b) All other countries except Great Britain, Australia and New Zealand.

NOTE 2. Parachute must be carried at all times in rear seat unless weight  
and balance is substantiated with parachute removed. Rear cockpit must  
be placarded: "Parachute must be carried at all times in rear seat."

NOTE 3. Front cockpit must be placarded as follows: "When airplane is  
flown solo, pilot must occupy rear seat."