

MODELS: Ford 5-AT-B, 17 PCLM

T.C. NUMBER: ATC 156

Engines	3 P&W Wasps C1 at 420 hp (See NOTE 2)
Propellers	Adj. metal
Fuel	355 gallons (with no wing tip mail compartments installed)
Oil	34 gallons
No. passengers	15
Baggage	Maximum capacity of compartments: Double wing tip 800 lbs. each Single wing tip 400 lbs. each Center section (200 lbs. each side) 400 lbs. Rear fuselage 440 lbs.
Standard weight	13250 lbs. (See NOTE 3)
Spec. basis	Approved Type Certificate No. 156
Serial Nos.	4 to 45 eligible

NOTE 1. Eligible with or without mail compartments in fuselage, single or double type wing tip mail compartments, engine ring cowls, outboard engine mounts lowered 6 inches in accordance with approved data, radio provided weight of installation does not exceed 135 lbs. and the number of passengers plus crew does not exceed 14 (190 lbs. radio installed in rear of station 7 and a passenger capacity of 13 plus crew of 2 eligible provided revised stabilizer with leading edge extended 6 inches installed), 15.00-16 or 40x18-7 wheels and tires, wing tip fuel tanks (72 gallons each except serial number 11 which is eligible with 100 gallons wing tip tanks), tail wheel or skid, emergency exit in top deck of fuselage between rear wing spar and trailing edge of wing when installed in accordance with approved manufacturer's drawings, and other special equipment which may be approved by the inspector.

NOTE 2. Also eligible with P&W Wasp SC1 engines with the following:

Placard limits	Maximum, except takeoff 30 in. Hg., 2100 rpm (450 hp) Takeoff (one minute) 31 in. Hg., 2100 rpm (450 hp) or 32 in. Hg., 2000 rpm (450 hp)
Placard speeds	Level flight or climb - 144 mph Ind. Glide or dive - 173 mph Ind.

NOTE 3. Standard weight may be increased to 13750 lbs. provided:

- (1) Wing tip single main compartments are installed and at least 190 lbs. and not more than 400 lbs. are carried in each wing tip single compartment. Note: The wing tip fuel tanks may be substituted for the main compartments provided at least 42 gallons of fuel are carried in each wing tip fuel tank at all times when flying at a standard weight of 13750 lbs.
- (2) A modified stabilizer with an increase in chord of 6 in. or 12 in. is used.
- (3) Not more than 400 lbs. (200 lbs. on each side) is carried in the center section compartments.
- (4) Chassis axles having 3/8 in. wall thickness are installed and minor chassis design changes are made.
- (5) The vertical member in the wing root section at station 3A on wing spar No. 1 is reinforced.