

MODELS: Aeronca KM, 50-M

T.C. NUMBER: 676

I - SPECIFICATIONS PERTINENT TO ALL MODELS:

Engine	Menasco Pirate M-50
Engine limits	For all operations, 2500 rpm (50 hp)
Propeller	Maximum permissible diameter 81 in.
Placard speeds	Level flight or climb - 100 mph True Ind. Glide or dive - 135 mph True Ind.
Oil capacity	1 gallon (in engine) (-32)
No. passengers	1 (+21)
Baggage	40 lbs. (aft of seat) (+45)
Maximum weight	1150 lbs.
C.G. range	(+13.4) to (+20.5)
Cert. basis	Type Certificate No. 676

EQUIPMENT: (Datum is wing leading edge) (\* Means net increase)

Class I:

101.	6.00-6 wheels (Shinn 6C4) with tires	21 lbs.	(-1)
102.	Tail skid		
103.	Propeller - wood (fixed or adj. pitch)	8 lbs.	(-43)
104.	Carburetor air heater	2 lbs.	(-31)
105.	Wheel type control (Dwg. 7-35)		

Class III:

301.	Wheels		(-1)
	(a) 3 in. (Goodyear 3-LMBM) with brakes	10 lbs.*	
	(b) 6.00-6 (Shinn 6C4B or 6C4BB) with brakes	5 lbs.*	
	(c) 3 in. (Goodyear 3-LNBM)	1 lb.*	
302.	Tires		
	(a) 18x3-3 with tubes	4 lbs.*	(-1)
	(b) 16x7-3 with tubes	Neglect weight	
303.	Tail wheel installations		
	(a) Shock cord type with 6x2.00 wheel and pneumatic tire (Dwg. 7-27)	1 lb.*	(+174)
	(b) Leaf spring type with 6 in. wheel and solid tire (Dwg. 4-104)	2 lbs.*	(+180)
	(c) 6x.200 steerable	3 lbs.*	(+179)
304.	Cabin heater	2 lbs.	(-28)
305.	Carpet	2 lbs.	(+1)
306.	Wheel streamlines	8 lbs.	(-1)
307.	Battery (Exide 3-AC-7-1)	13 lbs.	(+48)
308.	Extra door	2 lbs.	(+21)

309.	5 gallon auxiliary fuel tank installation (See NOTE 1)	10 lbs.	(+29)
310.	Special instruments	6 lbs.	(-1)
311.	Parachutes (one or two)	20 lbs. each	(+21)
312.	Radio equipment		
	(a) Receiver (RCA AVR-15 or -15A)	11 lbs.	(-5)
	(b) Receiver (RCA AVR-10 or -10A)	9 lbs.	(-7)
	(c) Receiver (Learadio AMR-1 or AMRL-1)	11 lbs.	(+43)
	(d) Transmitter (Learadio AMT-1)	9 lbs.	(+45)
	(e) Loop antenna	2 lbs.	(+36)
	(f) Trailing antenna	1 lb.	
	(g) "T" type antenna	Neglect weight	
	(h) Reel type trailing antenna	3 lbs.	(+79)
313.	Stick type control (Dwg. 7-70)	No weight change	
314.	Landing lights (Grimes ST-250) one or two	5 lbs. each	(+17)
315.	Parking brake installation	1 lbs.	(+6)
316.	Generator - wind-driven (Air Assoc. G-6 or G-12)	8 lbs.	(+9)
317.	Skis	Use actual weights	
	(a) Washington Aircraft 1200		
	(b) Federal SA-1 or SA-2		
	(c) Federal SC-1 or SC-2		
	(d) Marston MFS-1200		
	(e) Marston MFS-1600		
	(f) Jennings TY-2		
	(g) Richards 1-B		
	(h) Graf-Shupe A		
	(i) Heath 655		

NOTE 1. Fuel arm of auxiliary tank (+48).

NOTE 2. Eligible for export as follows, subject to provision of Chapter XII of Inspection Handbook: (6-2-41)

- Great Britain
- All other countries except Canada, Australia and New Zealand.

II - MODEL KM, 2 PCLM:

Fuel capacity	10 gallons (-10)
Serial Nos.	KM-1 and up manufactured prior to 12-11-42 eligible. Approval expired as of that date.

III - MODEL 50-M, 2 PCLM:

(Same as model KM except for wide cabin. No structural changes.)

Fuel capacity	12 gallons (-10)
Serial Nos.	M-1018 and up manufactured prior to 12-11-42 eligible. Approval expired as of that date.