

HERSE AND COMPANY

MODELS: Herse Series III RWD13, 3 PCLM

T.C. NUMBER: 2-561

Engine	O.H. Gypsy Major Series 1
Engine limits	For all operations 2100 rpm (120 hp)
Propeller limits	Static rpm at maximum permissible throttle setting - maximum 2060, minimum 1950. Diameter - maximum 97 in., minimum 77 in.
Airspeed limits	Level flight or climb - 117 mph True Ind. Glide or dive - 140 mph True Ind.
Fuel capacity	38 gallons (two tanks, one 19 gallon tank in each wing) (+26)
Oil capacity	3 gallons (-13)
No. passengers	1 front (+128), 1 rear (+163), pilot at (+123)
Baggage	None
Maximum weight	1962 lbs.
C.G. range	(+23) (+36.5 percent MAC) to (+27.4) (43.50 percent MAC)
MAC	63 in.
Leveling means	Use motor bearer tubes (motor mount) between engine supports.
Certification basis	CAR 04.031
Serial Nos.	158 and 159 only eligible

EQUIPMENT:

(Datum is the wing leading edge at the first rib outboard of the gull section.)

Class I:

101. Starter - direct electric		(-12)
102. Battery and container	35 lbs.	(+77)
103. 7.25-7-3/4 wheels (Dunlop) and tires		(+3)
104. Tail wheel	2.5 lbs.	(+220)
105. Propeller - wood (fixed pitch)		(-54)

Class II and III:

None

NOTE 1. The following placard must be displayed on instrument panel:
"INTENTIONAL ACROBATICS PROHIBITED."