

LEAVENS BROS. AIR SERVICES LTD.

BARKER AIRPORT

FEB 25 1946

TORONTO

ONTARIO

Type of Engine: Gypsy Major IC

Manufacturer's No. - 87264

Type of Work: Top overhaul and major inspection for commercial operation.

The following work was carried out:

Engine dismantled cylinder barrels removed all parts decarbonized and cleaned. Cylinder barrels were replaced with serviceable ones, Nos. 1, 2 and 3. No. 4 was honed to wear out limits. Valve seats cut and valves refaced, valves tapped in. Ignition harness was checked and renewed.

The following parts were renewed:-

1903/2	Joint upper timing gear cover	ea. 1
1903/3	Joint lower timing gear cover	ea. 1
1902/1	Cylinder (reconditioned)	ea. 1
1302/38	Joint ring cylinder	ea. 1
1302/12A	Joint - flange - exhaust	ea. 4
1302/13	Joint flange inlet pipe	ea. 4
1304/5A	Joint casing tube	ea. 16
1900/25	Ring piston	ea. 8
1900/26	Ring Scraper (Com.)	ea. 4
1303/16	Shaft drive magneto (reconditioned)	ea. 1
1303/17	Key - drive shaft (reconditioned)	ea. 1
1303/15	Gear drive magneto (reconditioned)	ea. 1
1303/21	Oil baffle magneto drive (reconditioned)	ea. 2
1303/22	Oil retainer tappet side (reconditioned)	ea. 1
1303/23	Housing ball race tappet side (reconditioned)"	1
1303/24	Housing ball race (reconditioned)	ea. 1
1303/25	Oil retainer (reconditioned)	ea. 1
805/13	Joint - Carburettor	ea. 1
1905/17	Joint - flange - air intake	ea. 1
1905/18	Joint - flange - carburettor	ea. 1

Engine was assembled according to manufacturer's specifications and recommendations. Magneto and carburettor were reconditioned at this plant.

Engine started and given ground run for one hour. Engine is considered airworthy.

J. H. ...
("D" Engineer)