

WESTERN AIRMOTIVE LIMITED

December 10th, 1945

JACOBS ENGINE L 4 MB

Maker's No. 4088
Right Engine.

WORK SHEET

Engine top overhauled.

1. Cylinder assemblies removed.
2. Cylinders cleaned and inspected for corrosion and wear.
3. Cylinders inspected in accordance with Jacobs Engine Company Bulletin No. 22. All found to be Type #30135-22 and satisfactory, with the exception of No. 6 cylinder which is Type #30135-13. This cylinder is satisfactory in condition at the present time, but in accordance with the above mentioned bulletin, will have to be replaced or rebarreled at next overhaul.
4. Pistons cleaned and inspected.
5. Piston rings checked and cleaned - satisfactory.
6. Piston pins inspected.
7. Valve seats refaced.
8. Valves refaced.
9. Engine inspected as much as possible for corrosion - satisfactory.
10. Spark plugs serviced.
11. Push rods and valve operating mechanism inspected.
12. Engine re-assembled.
13. Engine ground tested - 1 hour.

Oil pressure	- 90 lbs.
Oil Temp	- 60 deg. C.
Carburettor Air	- O.K.
Oil Heat	- O.K.
Magneto check	- O.K.
Distributor check	- O.K.
Idling R.P.M.	- 450
Maximum R.P.M.	- 1700
Man. Pres.	- 25" H.G.
Head Temp.	- 160 deg. C.
14. Complete set of gaskets installed on assembly.
15. Gas filter inspected.
16. Oil filter inspected and cleaned.
17. Magneto inspected.
18. Distributor inspected.
19. Engine installation, plumbing, etc. inspected.

Engine controls inspected for correct action, wear, fuel, travel, presence of all locking and safety devices - satisfactory.

This is to certify that the engine has been inspected and found satisfactory.

Certified airworthy and released for test flight.

J. M. Kutt
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License No. A 1017