

WESTERN AIRMOTIVE LIMITED

December 10th, 1945

JACOBS ENGINE L 4 MB

Maker's No. 4689
Left 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 satisfactory.
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.	- 58 deg. C.
Idling R.P.M.	- 450
Max. R.P.M.	- 1685
Manifold Pres.	- 25" H.G.
Head Temp.	160 deg. C.
Magneto check	- O.K.
Distributor check	- O.K.
Outside Air Temp.	- -7 deg.
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.

The following parts have been replaced in this engine:

No. 1 Piston.
No. 6 Piston.
Scraper rings - No. 6 cylinder.
Push rods replaced as necessary, due corrosion.

The above parts were removed from Jacobs L 4 MB Engine No. 4887

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.

* - - - - *W. Keith* - - - -
License No. A 1017