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Smithsonian National Air and Space Museum Archives

Hattie Meyers Junkin Papers - Signal Corps Aviation School (Rich Field, Waco TX)

Extracted on Mar-28-2024 05:59:05

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INSPECTION OF AIRPLANE BEFORE FLIGHTS.

Always begin inspection at the propeller and continue around the machine to point of starting.

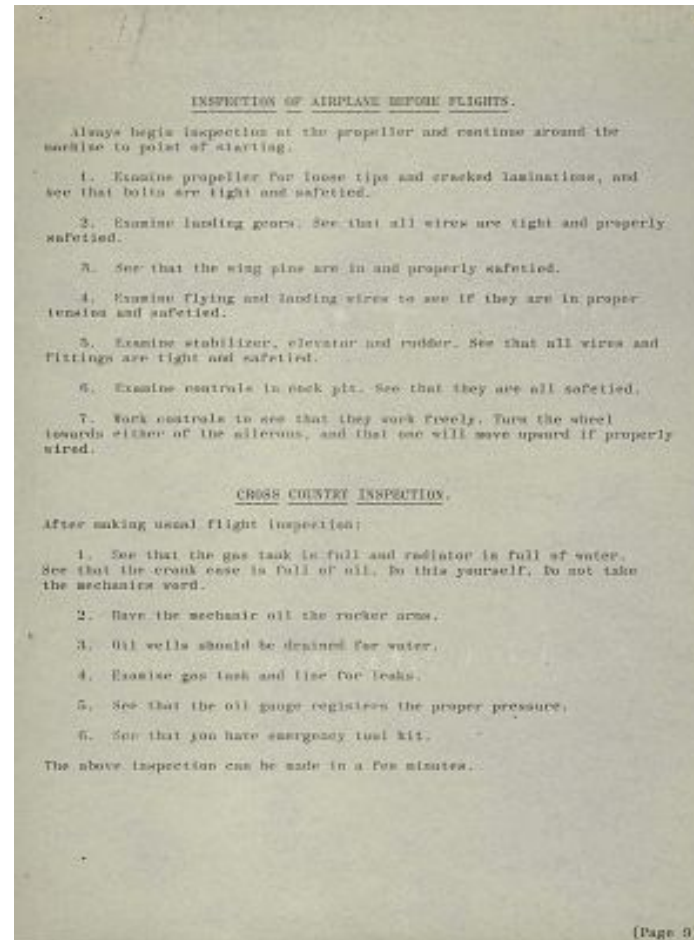
1. Examine propeller for loose tips and cracked laminations, and see that bolts are tight and safetied.
2. Examine landing gears. See that all wires are tight and properly safetied.
3. See that the wing pins are in and properly safetied.
4. Examine flying and landing wires to see if they are in proper tension and safetied.
5. Examine stabilizer, elevator, and rudder. See that all wires and fittings are tight and safetied.
6. Examine controls in cock pit. See that they are all safetied.
7. Work controls to see that they work freely. Turn the wheel toward either of the ailerons, and that one will move upward if properly wired.

CROSS COUNTRY INSPECTION.

After making usual flight inspection:

1. See that the gas tank is full and radiator is full of water. See that the crank case is full of oil. Do this yourself. Do not take the mechanics word.
2. Have the mechanic oil the rocker arms.
3. Oil wells should be drained for water.
4. Examine gas tank and line for leaks.
5. See that the oil gauge registers the proper pressure.
6. See that you have emergency tool kit.

The above inspection can be made in a few minutes.



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