

LUSCOMBE AIRPLANE CORPORATION
DALLAS, TEXAS

MODEL 8A

June 1, 1946

REWORK INSTRUCTIONS FOR ALIGNMENT OF LANDING GEAR WHEELS

A few aircraft were delivered with a certain amount of main landing gear wheel toe in which has now been determined to be objectionable particularly in operating from hard surfaced runways.

Owners in possession of aircraft requiring corrective measures will be furnished with two (2) new drag struts, two (2) AN76-31 drilled head bolts, four (4) AN315-6R nuts, two (2) AN6-20 nuts. Instructions for rework, including sketch are as follows:

1. Raise the aircraft in such a manner as to free the gear from all weight.
2. Remove the four (4) 5/16 bolts attaching the upper and lower arms.
3. Remove drag struts.
4. With the aircraft in approximate flight position turn the lower arms of the gear until the center line of the axle forms a 90° angle with the center line of the ship. It will be noted that the 5/16 holes no longer line up. (See sketch).
5. Clamp the upper and lower arms securely in this new position and ream the 5/16 holes to 3/8.
6. Install the new drag struts using the new standard attaching parts. (New drag struts have been tapped to accommodate AN6 bolts.)

/s/ E.W. Norris
Chief Engineer

/s/ Otto Hoernig
Service Manager

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