

NO. 21
JANUARY 23, 1947

FIELD SERVICE BULLETIN
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NOSE GEAR STEERING BELLCRANK REPLACEMENT

As existing 145-34175 nose gear steering bellcrank assemblies, which were improperly fabricated, affect the safety of the airplane, this assembly must be replaced with an improved bellcrank assembly immediately on all airplanes.

DELIVERED AIRPLANES AFFECTED:

NAV-4-2 through NAV-4-550.

The new assembly will be installed at the factory on all undelivered air planes.

1. Jack the airplane in the manner prescribed, and remove the retaining nut and washer from the top of 145-34175 bellcrank assembly, located on the forward side of firewall, on nose wheel torque box.
2. Disconnect the two 145-34149 nose gear steering rod assemblies from the bellcrank. (To facilitate the removal of the steering rod assemblies it may be necessary to remove the rods from the aft steering assembly.) Remove 145-34175 bellcrank assembly from the airplane.
3. Remove the two AN320-6 nuts, 145-34179 tubes, and 145-34203 bolts from bellcrank assembly and install in new 145-34175-5 bellcrank assembly which is identified by a stamp SPL and a yellow mark on the assembly. Install this assembly in airplane using previously removed washer and retaining nut.
4. Connect the steering rods to the bellcrank with the bolts and nuts previously removed.
5. No adjustment should be necessary for the rod linkage, as the rod length has remained the same.

NOTE: Time required to make this replacement should not exceed two man-hours.

Compliance with this bulletin must be entered in airplane log book.

JOHN W. CASEY
FIELD SERVICE MANAGER