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No. 0560-210  
ATA Code 32-20

### Kit No. 23-8007-1 S

**SUBJECT:** LANDING GEAR (NOSE GEAR STEERING) – MODIFICATION OF NOSE GEAR CENTERING CABLE

**EFFECTIVITY:** BEECHCRAFT Model A24R, serials MC-2 through MC-95;  
Sierra A24R, serials MC-96 through MC-126 except MC-104.

**REASON:** To provide additional clearance between the right hand centering cable and the throttle arm.

**COMPLIANCE:** As soon as practical but no later than the next scheduled inspection.

**DESCRIPTION:** The original right hand centering cable, grip bushing, swivel, and bolt are removed and new ones are installed. A clamp is installed on the right forward intake tube and a spring is connected from the clamp to the centering cable fork.

**APPROVAL:** FAA Approved - DOA CE-2.

**MANPOWER:** The following information is for planning purposes only:  
  
Estimated man-hours: 1.5 hours.  
Suggested number of men: 1 man.

**MATERIAL:** The materials required for completion of this modification are contained in Kit No. 23-8007-1 S available through your BEECHCRAFT Parts and Service Outlet at a suggested selling price to be advised.

**SPECIAL TOOLS:** None.

**WEIGHT AND BALANCE:** None.

**REFERENCES:** None.

**PUBLICATIONS AFFECTED:** It is recommended that a note be made on Figure 210A of all Parts Catalogs to "See Service Instructions No. 0560-210".

**ACCOMPLISHMENT INSTRUCTIONS:** This modification may be accomplished in the following manner:

1. Remove the lower engine cowling.
2. Place the aircraft on jacks.
3. Disengage the right hand nose wheel centering cable from the centering spring.
4. Remove the existing AN26-18A bolt, 169-820030-5 swivel and 169-820030-19 grip bushing from the 169-820039 steering yoke and discard the bolt swivel and grip bushing.
5. Install the 169-820030-21 grip bushing, 169-820030-17 swivel, AN23-13A /M/ bolt, 100951CR020ZL washer, AN960-10 washer and MS21042L3 nut.
6. Install the MS21919DF26 clamp and an AN743BP12 clip on the number ONE cylinder intake tube (right hand front) with an MS27039-1-08 screw and MS21042L3 nut.

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CLASS II

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## Service Instructions No. 0560-210

### NOTE

Install the clamp on the intake tube at a distance of one inch outboard from the side of the oil pan.

7. Attach the 100942L0116-37 spring to the clip.
8. Reconnect the right hand centering cable.

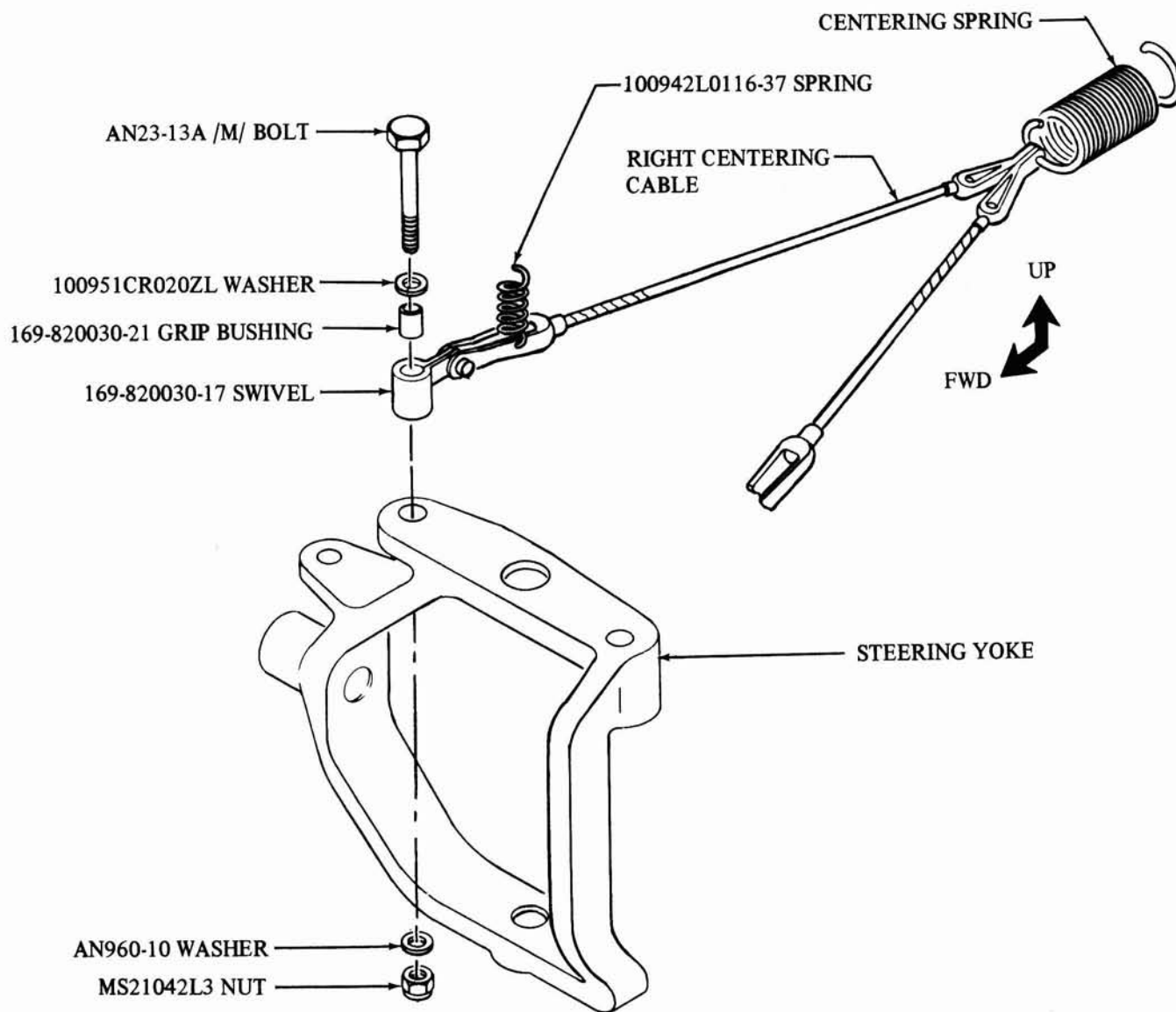
### CAUTION

Be certain to safety wire the centering cables at the centering spring.

9. Attach the 100942L0116-37 spring to the right hand centering cable at the hole in the forward fork.
10. With the new spring installed it will be necessary to grind a recess in the engine mount to provide clearance for the spring. Use a file or hand grinder to remove metal from the area indicated on the ENGINE MOUNT illustration.
11. Clean, prime and paint the area from which metal was removed.
12. Remove the aircraft from the jacks.
13. Reinstall the lower engine cowl.

### RECORD COMPLIANCE:

Upon completion of these Service Instructions, make an appropriate maintenance record entry.



NOSE GEAR CENTERING CABLE INSTALLATION

