

GOT THE SHAKES



K-K-CAN'T
SUH-SOMEBODY
D-DO SUH-SOME-
THING A-ABOUT
THE-THESE VUH-
VIBRATION PLUH-
PROBLEMS?



IF YOU'RE HAVING
OSCILLATION PROBLEMS
ON YOUR PALADIN WHEN
USING THE AUTOMATIC FIRE
CONTROL SYSTEM (AFCS)...

...THE CAUSE MAY
BE **INCORRECT
BACKLASH
ADJUSTMENT** OF
THE TRAVERSING
GEAR BOX.

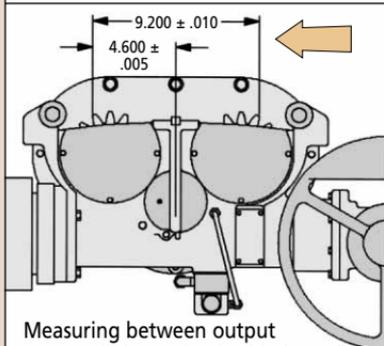
Have your mechanic notify DS/GS maintenance about the problem. They'll determine if the gear box has the correct backlash by measuring the traversing output gears as shown on Page 13-31 of TM 9-2350-314-34-2.

If the backlash is out of tolerance, they'll remove the center bottom cover and add a shim between the backlash gear and the gasket as shown on Page 13-22 of the -34-2 TM.

Adding shim
could fix
vibration
problem



If the shim doesn't bring the gears within tolerance, the traversing mechanism will have to be disassembled to set the backlash gear.



Measuring between output gears will determine backlash