

Landing Gear Group:

1. Check main and nose struts for leakage and extension.
 2. Inspect nose gear steering control, travel and roller clearance.
 3. Inspect nose gear trunnion for cracks and condition.
 4. Inspect nose wheel steering bellcrank, horn and rollers for cracks and clearance.
 5. Inspect nose wheel rotator roller and hook.
 6. Inspect tires for cuts, uneven or excessive wear, slippage and valve stem damage.
 7. Remove wheels. Clean, check and repack bearings.
 8. Inspect wheels for cracks, corrosion and broken bolts.
 9. Inspect brake disc LH 447 RH 449 and linings for wear, condition and security.
MIN. 0.405".
 10. Inspect brake linings LH 148 RH 129 and for wear, condition, and security.
Min. 0.150".
 11. Check brake hydraulic lines for leakage, condition, and security.
 12. Check brake reservoir for proper fluid level, leaks, condition, and security.
 13. Inspect struts for fluid/pressure leaks and scoring.
 14. Check torque links, bolts, and bushings.
 15. Inspect bolt, bushings, trunnion pins, and attachments for condition and security.
 16. Check retraction actuators and attachments for condition and security.
 17. Check condition and security of flexible hydraulic lines to actuator.
 18. Inspect main and nose gear doors, and rod assemblies for corrosion, security, and freedom of movement.
 19. Check nose gear door sequence valve for leaks.
 20. Inspect nose gear door actuator for leakage and adjustment.
 21. Inspect wiring and wiring harness for condition, security, damage, chafing, and corrosion. Check switches for adjustment, security and operation.
 22. Perform operation check.
 23. Check tires for proper pressure: Nose (~~45~~ lbs.) 50 Main 55 (~~40~~ lbs.)
 24. Check wheel alignment
 25. Check warning throttle and flap horns and lights for operation.
 26. Check anti-retraction switch for proper rigging.
 27. Check torque of nose landing gear upper actuator bolt.
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