



LANDING GEAR POST-INSTALLATION INSPECTION

For Reference Only

GEARBOX AREA

Mech. Insp.

Table with 2 columns: Inspection Item, Mech. (checkbox), Insp. (checkbox). Items include Torque tube spar mount brackets secure, Limit switches secure, Emergency gear extension performs properly, etc.

NOSE LANDING GEAR AREA

Table with 2 columns: Inspection Item, Mech. (checkbox), Insp. (checkbox). Items include Strut serviced with 100 psi nitrogen and valve cap installed, Airframe attach bolts secure and safetied, Shimmy damper attach bolts secure and safetied, etc.



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Fwd nose gear actuator drive chain adjusted and lubed	_____	_____
Fwd nose gear actuator drive chain installed properly	_____	_____
Fwd nose gear actuator drive chain master link secure	_____	_____
Fwd nose gear actuator drive chain tensioner sprocket secure and safetied	_____	_____
Chain covers installed	_____	_____
Drag brace fwd attach bolt secure and safetied	_____	_____
Drag brace mid attach bolt secure and safetied	_____	_____
Actuator yoke attach bolt secure and safetied	_____	_____
Drag brace aft attach pins secure	_____	_____
All grease fittings lubed and caps installed	_____	_____
Gear down indicator switch secure and safetied	_____	_____
Nose gear doors safetied	_____	_____
Brake reservoir serviced and secured	_____	_____

LH MAIN LANDING GEAR AREA

Strut serviced with 275 psi nitrogen and valve cap installed	_____	_____
Airframe attach bolts secure and safetied	_____	_____
Drag brace attach bolts secure and safetied	_____	_____
Actuator clevis attach bolt secure and safetied	_____	_____
Brake plumbing secure and clean (no leaks)	_____	_____
Squat switch clamp secure and linkage adjusted	_____	_____
Squat switch secure and safetied	_____	_____
Squat switch arm secure	_____	_____
Squat switch wiring harness secure	_____	_____
Door actuating ramp secure	_____	_____
Gear down indicator switch secure and safetied	_____	_____
Gear down indicator switch wiring harness secure	_____	_____
Gear up indicator switch secure and safetied	_____	_____
Gear up indicator switch wiring harness secure	_____	_____
All grease fittings lubed and caps installed	_____	_____
Brake calipers secure and free-floating	_____	_____
Brake hoses secure	_____	_____
Wheel nut secure and safetied (hub cap removal required)	_____	_____
Tire properly inflated and valve cap installed	_____	_____
Door linkage secure and turnbuckles safetied	_____	_____
Actuator mount bolts secure	_____	_____
Actuator clevis safetied	_____	_____



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Area clean and FOD free	_____	_____
Door tie-backs removed and screws tightened	_____	_____
Access panels installed	_____	_____
Brake bleeding	_____	_____

LH CENTER WING AREA

Torque tube u-joint bolts secure	_____	_____
All torque tube bearings lubed	_____	_____
Torque tube taper bolts installed	_____	_____
Selector valve secure and safetied	_____	_____
Area clean and FOD free	_____	_____
Access panels installed	_____	_____

RH MAIN LANDING GEAR AREA

Strut serviced with 275 psi nitrogen and valve cap installed	_____	_____
Airframe attach bolts secure and safetied	_____	_____
Drag brace attach bolts secure and safetied	_____	_____
Actuator clevis attach bolt secure and safetied	_____	_____
Brake plumbing secure and clean (no leaks)	_____	_____
Squat switch clamp secure and linkage adjusted	_____	_____
Squat switch secure and safetied	_____	_____
Squat switch arm secure	_____	_____
Squat switch wiring harness secure	_____	_____
Door actuating ramp secure	_____	_____
Gear down indicator switch secure and safetied	_____	_____
Gear down indicator switch wiring harness secure	_____	_____
Gear up indicator switch secure and safetied	_____	_____
Gear up indicator switch wiring harness secure	_____	_____
All grease fittings lubed and caps installed	_____	_____
Brake calipers secure and free-floating	_____	_____
Brake hoses secure	_____	_____
Wheel nut secure and safetied (hub cap removal required)	_____	_____



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Tire properly inflated and valve cap installed	_____	_____
Door linkage secure and turnbuckles safetied	_____	_____
Actuator mount bolts secure	_____	_____
Actuator clevis safetied	_____	_____
Area clean and FOD free	_____	_____
Door tie-backs removed and screws tightened	_____	_____
Access panels installed	_____	_____
Brake bleeding	_____	_____

RH CENTER WING AREA

Torque tube u-joint bolts secure	_____	_____
All torque tube bearings lubed	_____	_____
Torque tube taper bolts secure	_____	_____
Area clean and FOD free	_____	_____
Access panels installed	_____	_____