

## Random Inspection

**Objective:** Observe and evaluate the routine methods and procedures used by an operator's personnel during the period immediately before or after a flight to determine compliance with regulations and safe operating practices.

DATE	AIR CARRIER	FLT #	N #	MAKE / MOD / SERIES		
PIC NAME	CERT #	BASE	FROM	TO	FAA Form	
SIC NAME	CERT #					
F/A NAME	CERT #					

<b>Inspection Response:</b>		
<input type="checkbox"/> No Discrepancies	<input type="checkbox"/> Discrepancy: Regulatory Compliance	<input type="checkbox"/> Discrepancy: Non-regulatory Compliance
Supporting Comment:		

The following lists depict observables during a Random Inspection. Inspectors should observe as many as possible during the inspection.

Crewmember(s)	
Observable	Comments
Crewmember Knowledge	
Qualifications/Currency	
Certificate/Ratings	
Manual Availability	
Manual Currency	
Required Equipment	
Crew Complement	
Preflight	
Post flight	
Other Remarks	

Aircraft/Equipment – Interiors (cont'd)	
Observable	Comments
Cargo Compartment	
- Compartment Integrity	
- Pallet System	
- Forward Restraint Net	
- Bulk Cargo Restraints	
- Cabin Mounted Equipment	
- Cargo Compartment Fire Extinguishers	
- Load Manifest/Hazardous Materials	
- Captain's Responsibilities	

Aircraft/Equipment – Interiors	
Observable	Comments
Airworthiness and Registration Certificates	
Aircraft Placards	
Flight Deck	
- Instrument Security and Range Markings	
- Windows (Delamination, Scratches, etc.)	
- Emergency Equipment	
- Medical Kit (If located on flight deck)	
- Seat Belts and Shoulder Harnesses	
- Cockpit Jump Seat	
- Check the following if using cockpit jump seat: a) Jump Seat Oxygen System b) Interphone System	
Cabin	
- Lavatory	
- Flight Attendant Seats	
- Cabin Emergency Equipment	
- Passenger Seats	
- Galleys/Service Centers	
- Overhead Baggage Compartment	

Ramp/Gate Condition and Activity	
Observable	Comments
Conditions of Ramp or Gate Areas	
Debris or Spills	
Construction	
Obstructions	
Vehicle Operations	
Markings	
Lighting	
Snow/Ice Control	
Other Remarks	

Servicing and Maintenance	
Observable	Comments
Routine Maintenance	
Deicing	
Contract Services	
Ground Service Equipment	
Other Remarks	

Aircraft/Equipment – Exteriors		
	Observable	Comments
	Landing Gear and Wheel Well	
	- Wear, chafing, cracks, dents or other damage	
	- Structural integrity of gear and doors	
	- Hydraulic leaks	
	- Tire condition	
	- Tire pressure	
	- Wheel installation/safety locking devices	
	- Wear, line security, leaks and installation of brakes	
	- Corrosion	
	Fuselage and Pylons	
	- Structure for cracks, corrosion, dents, or other damage	
	- Fasteners (loose, improper, missing)	
	- Condition of radome	
	- Condition of pitot tubes	
	- Static ports	
	- Stall warning devices and other sensors	
	- Antennas	
	- Lavatory servicing areas	
	- Cargo compartments for integrity of fire protective liners	
	- Emergency exit identification/markings	
	- Registration marking (legibility)	
	- All lights (general condition, broken lenses, etc.)	
	Wings and Pylons	
	- Structure for cracks, corrosion, dents, or other damage	
	- Leading edge (dents and/or damage)	
	- Leading edge devices	
	- Evidence of fuel leaks	
	- All lights	
	- Flap wells	
	- Static eliminators	
	- Ailerons and aileron tabs	
	- Missing, loose, or improperly secured access door/inspection panels and blowout panels	

Aircraft/Equipment – Exteriors (cont'd)		
	Observable	Comments
	Propellers	
	- Leading edge of propeller for cracks, dents, and other damage	
	- Deicer boots for signs of deterioration and security	
	- Spinners for security, cracks, and evidence of fluid leaks	
	Empennage	
	- Leading edge for dents	
	- All lights (general condition, Broken lenses, etc.)	
	- Missing static discharge Eliminators	
	- Elevator, rudder, and tabs (cracks, corrosion, dents, and delamination)	
	- Evidence of elevator and rudder power unit hydraulic leaks	
	Ground Safety	
	- Positioning of support vehicles	
	- Fueling of aircraft to include the following: 1. Refueling pressure, 2. Condition of refueling unit, 3. Grounding, 4. Fire protection, and 5. General Fueling Procedures	
	General condition of ramp to include the following: 1. Provisions for grounding, 2. Foreign objects on ramp, 3. Fuel spills, 4. General housekeeping/cleanliness, 5. Passenger control, and 6. Fire protection.	
	Baggage	
	- Baggage restraining system	
	- Load distribution	
	Engines	
	- Intake for fan blade damage and oil leaks	
	- Ring cowl for missing or loose fasteners	
	- Cowling doors for security and proper fit	
	- Lower cowling for evidence of fluid leaks	
	- Exhaust for turbine and tailpipe damage	
	- Reverser doors for stowage and security	
	- Access doors for security	

Line Station Operations		
	Observable	Comments
	Trip Papers	
	Company Directives	
	Other Remarks	