

DOCKET NO. SA-516

EXHIBIT NO. 11C

**NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C.**

AIRCRAFT SERVICE

(PAGES C-1 THRU C-3)

Work Sheets Audited By 8229 Date 7-13-96

Note: Visual check constitutes a check for obvious discrepancies such as damage, foreign object damage, abnormal wear, security and/or improper service.

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A. COCKPIT AND CABIN

1. On aircraft that will lay over six (6) hours or more, pull the circuit breaker for standby attitude on "P7" overhead panel.
2. Visually check cockpit and upper deck cabin interior including crew slide, gas generator, freon level.
3. Check all oxygen system pressures as follows:
 - a. crew bottle.
 - b. passenger bottle(s)
4. Check the following emergency equipment in cockpit and upper deck:
 - a. crew protection goggles.
 - b. portable fire extinguishers.
 - c. portable oxygen bottles (pressure).
 - d. demonstration oxygen masks.
5. Fill cockpit mask cleaning tissue holder (92-7826) to capacity.
6. Visually check main deck cabin.
Note: Baggage restraints and flotation placards required at all passenger seats.
7. Check slide (raft) bottle pressure and door emergency power bottle pressures at doors 1 thru 5, left and right.
8. Check portable fire extinguishers, portable oxygen bottles pressure, and demo oxygen masks.
9. Clean hostess demo masks with Sani-Corn tissue. Replace any damaged demo masks (96-0854).
10. Perform the following on any aircraft that will be making a transoceanic flight before the next maintenance operation:
 - a. Operational check of HF.
 - b. Operational check of fire warning.
11. Perform a "click" check on each megaphone to make certain batteries are installed. On each megaphone check for presence of date sticker indicating date of last functional check. Notify MCIMD to have any missing sticker replaced.
12. Check Flight Information Bulletin (FIB) holder or F/E desk for minimum of six TCAS Pilot Event Questionnaire sheets (64-5619). If supply is low replenish as needed.

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B. EXTERIOR FUSELAGE, WINGS, GEAR, EMPENNAGE

1. Visually check aircraft exterior including fuselage, wings, tail, control surfaces, antenna pitot heads and static ports.

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2. Check the lavatory service panel areas for blue lavatory fluid streaks. Remove stains, leaks indicated, check for leaks using M47-38-06 and repair as required. If leaks are not repaired, drain and lockout lavatory, then placard per MEDP. M47-38-06 completed (Check one): Yes _____ No

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3. Perform operational check of exterior lights: navigation, anti-collision, logo, landing and taxi lights.

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4. (747-131/156 only)
Check surge tank protection system indicators.

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5. Check front and rear cargo compartments and doors.
Note: Tears/holes not allowed in cargo compartments.

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6. Visually check landing gear assemblies, wheel wells and strut inflation.
Note: Gear door drop not required.

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7. With brakes on, check brake wear indicator.

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8. Visually check tires.

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9. Accomplish M47-32-05, Tire Pressure Check.

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10. Clean chrome on MLG and NLG using clean rag soaked with proper fluid. Wipe with a clean dry rag.

a. Shock strut chrome and gland nut overhang recess.

Note: Some shock struts are filled with Skydrol, others have MIL-H-5606. Be sure to use proper fluid.

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b. MLG truck positioner pistons, body gear actuator piston. (Skydrol)

C. ENGINES AND STRUTS

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1. Visually check engines air inlets, exhaust, nacelles and black horizontal nacelle alignment stripes between all nacelle/aft fairings for alignment, IB/OB side, all nacelles.

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2. Drain starter oil and reservice with 8 ounces of clean oil, Mobil 254, 50-9990. Use Packing (32-5146), if required.

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3. Check engine starter magnetic plug for contamination. Packing (32-4984), if required.

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D. OIL, HYDRAULIC, WATER SERVICING AND FUEL TANK SUMPING

1. Check hydraulic quantity gauge in cockpit and service if required.

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2. Check APU oil system gauge - TWA EXXON ETO 2380 (50-9984).

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3. Service the potable water system.

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- 8163 D. OIL, HYDRAULIC, WATER SERVICING AND FUEL TANK SUMPING (Cont'd)
4. Drain at least one pint of fuel, or until clean bright fuel is obtained from each fuel tank sun listed below:
- | | | |
|---------------------|---------------------|-------------------|
| Nr. 1R | Nr. 3 | Center (2 places) |
| Nr. 1 (one qt. min) | Nr. 4 (one qt. min) | |
| Nr. 2 | Nr. 4R | |
- Notify MCIMD whenever any unusual amount of water is found.
- 21972 E. FINAL
1. Make walk around check of aircraft to assure all access doors are closed and look for an obvious fluid leaks or damage to the aircraft and cockpit controls are properly positioned
- 21972 2. Visually check all engine and fan cowings for security and for proper installation.
- 21972 3. Prior to scheduled flight departure time, close the circuit breaker for standby attitude on P overhead panel and check that horizon erects properly.
- 8229 4. Perform M99-00-01, Log Page Audit.
- 82281 5. Logbook write-ups reviewed and corrected as necessary. Work sheets (except fuel load and service record form M-180 and cleaning forms) completed; non-routine 139A and scheduled maintenance M139B and computer generated M139C sheets signed and accounted for. Indicate total number of sheets (pages) including this document (3 pages) of scheduled, non-routine and computer sheets by circling appropriate number.
- 82281 6. ① 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 ⑧ 19 20
- "Maintenance Performed" and "Airworthiness Release" blocks completed in the log book.
Time 1900 Date 7-13-95 Log page number 62551
- Note: The MAINTENANCE PERFORMED and AIRWORTHINESS RELEASE entries must be made in the log book at the same time.
- 8229 7. Remove bottom tear-off portion of the yellow logbook pages entitled Aircraft Performance/Nav Data on completed logbook pages. Deliver tear-offs to local message-sending unit for transmission of performance data to the computer.
- Note: To obtain message mask for transmittal, enter GMMNT/SMC/P6. If performance log has not been completed by the flight crew, it shall be discarded. There is no requirement to transmit the Nav Data.
- 8229 8. Assure spare and current logbooks are on board aircraft.