

Docket No. SA-521

Exhibit No. 11C

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D. C.

Attachment B -- Emery DC-8 Terminating Check

(6 Pages)

EMERY WORLDWIDE AIRLINES DC-8	REV. DATE 8/30/98	REV. NO. Original	PAGE NO. 1 OF 6	INSPEC. CK TERM. CHK.	CARD NO. TRMI
			ACFT. NO. 80794	STATION KMM	DATE 2-16-00
LOG PAGE 8192-13	INSTRUCTION			SIGN-OFF MECHANIC ONLY	

TERMINATING CHECK

1. UPON ARRIVAL

- a. Park aircraft and secure as required according to the Douglas Maintenance Manual Chapter 10 "Parking Maintenance Practices." Install landing gear downlock pins. Electrically ground aircraft to approved ground rods from grounding points.

a. 50737

NOTE: Verify that Ground Power Unit voltage reads 110 to 120 VAC, and frequency is 380-420 Hertz. Connect ground power.

- b. Position switches as follows:

b. 50737

1. Emergency Lights..... OFF
2. Emergency Light Not Armed..... ILLUMINATED
3. Air Conditioning..... OFF
4. Battery-External Power..... EXTERNAL POWER
5. Galley Power..... OFF

- c. Open the following circuit breakers:

c. 50737

1. Engine ignition
2. Ignition P.S. Control
3. Ignition and Tach Power Supply
4. Thrust Reverse Emergency Stow
5. Reverse Thrust
6. Longitudinal Trim
7. Blow away Jet Pump (50 & 60 Series)
8. Standby Attitude Indicator
9. Air Conditioning Pack Trip

WARNING: INADVERTENT OPERATION OF THRUST REVERSERS COULD CAUSE SERIOUS INJURY TO PERSONNEL WORKING IN ENGINE AREA:

- d. Review log book and discrepancies with flight crew and take corrective action on open discrepancies.

d. 50737

- e. Review open deferred maintenance items and verify time limits and due dates with Maintenance Control and take necessary action.

e. 50737

- f. Engage gust lock mechanism, close oxygen shutoff valves.

f. 50737

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WARNING: CLEAR AIRCRAFT OF OBSTACLES AND PERSONNEL PRIOR TO LOWERING FLAPS:

- g. Extend wing flaps and ground spoilers. Inspect for visible damage from the ground.
- h. Inspect engine inlets, fan bypass, and exhaust areas for visible damage. Visually check front compressor blades and rear turbine blades for shingled or damaged blades.
- i. Check oil level on all engines within 15 minutes after shutdown for proper level. Service engines with EXXON 2380 oil ONLY.

- g. 5032
- h. 5032
- i. 5032

WARNING: WAIT AT LEAST 5 MINUTES AFTER ENGINE SHUTDOWN BEFORE REMOVING OIL TANK CAP, TO ALLOW TANK PRESSURE TO BLEED OFF. HOT OIL FROM TANK COULD CAUSE SEVERE BURNS.

Enter Engine Oil Qty Added:

#1 Engine Qty 0 Added #2 Engine Qty 0 Added
 #3 Engine Qty 0 Added #4 Engine Qty 0 Added

- j. Check engine oil cap "O" ring on all engines for serviceability, replace if required, secure cap.
- k. Check and service CSD oil on all engines as necessary. Use EXXON 2380 oil ONLY.
- l. Open main landing gear doors using door manual open control valve, located in left main gear wheelwell.

- j. 5032
- k. 5032
- l. 02498

2. EXTERIOR

- a. Visually inspect radome, windshield, left and right wings, flaps, flight controls, fuselage, engine nacelles, and pylons for skin damage and evidence of hydraulic fluid, fuel or oil leaks as viewed from ground.

- a. 02498

NOTE: If Walkaround is more than 20 minutes turn off boost pump and auxiliary hydraulic pump.

NOTE: When inspecting engines, engine nacelles, and pylons for fuel leaks, ensure all crossfeed valves are open and one (1) boost pump is operating.

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- b. Check for presence of O2 blowout disc.
- c. Check that static ports and pitot tubes are clear and damage free.
- d. Visually check (from ground) horizontal/vertical stabilizers and flight control attachments for evidence of damage, leaks, and security. Tail skid for missing red paint.
- e. Sump all fuel tanks and check for contamination.

- b. 50732
- c. 50732
- d. 50732
- e. 50732

Note: Fuel tank sumping should occur prior to refueling and no less than 4 hours (or Maximum Allowable Time) after the aircraft has landed.

- f. Visually check forward and aft lower cargo compartment for cleanliness, evidence of damage, and that all compartment lights are operational.
- g. Inspect installed lavatory system for leakage and cleanliness.
- h. Check nose and main landing gear tires for proper pressure, cuts, excessive wear, or other visible defects. Check wheels for visible damage. Nose tire inflation (Series 54/63/71/73 - 155 PSI; 62 Series - 165 PSI).

- f. 50732
- g. 50732
- h. 50732

Aircraft Effectivity	Tire Size	Tire Pressure	Max Brake Pin Depth AD 94-06-10
DC8-50 Series Light Gear	44 X 16	170 PSI	11/16" P/N 154252-2
DC8-62/71 Light Gear	44 X 16	190 PSI	11/16" P/N 154252-2
DC8-62/63/73 Heavy Gear	44.5 X 16.5	195 PSI	3/4" P/N 2601412-1
			1/2" *P/N 2601412-2

***NOTE: BRAKE ASSY IDENTIFIED BY A PERMANENT YELLOW DOT**

- i. Check brake wear indicator and brake over-all condition. Installation should be warm to the touch, to indicate proper operation during previous landing.

- i. 50732

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j. Brake Lockouts/Deboosters-Apply brakes. Check lockouts/deboosters for leakage and proper height. Fill, if below limits. Release brakes on completion of check. (Limit top piston bleed screw below first shoulder on plastic piston cap).

j. 50732

k. Visually check wheel wells and landing gear for general condition, obvious damage, fluid leaks, and security of attachments.

k. 50732

l. Check nose and main landing gear struts for proper extension. Wipe down landing gear strut pistons with rag moistened with MIL-H-5606.

l. 02498

m. Check precharge of accumulators for correct level and the flap lockout cylinders for correct extension.

m. 02498

n. Check MLG doors, jams, hinges and all component installations in the nose and main wheelwells for condition, security and evidence of leaks.

n. 02498

3. SERVICE

a. Service main hydraulic reservoir, if necessary, with Skydrol 500B, or Chevron Hyjet IV-A. This intermix of fluids is approved on Douglas DMS/WPL-Z014.

a. 02498

b. Check and service turbo compressors (4 ea) with Exxon 2389 oil as required. (N/A DC8-70 series aircraft)

b. 02498 ^{NR}

c. Check and service air cycle machines (2 ea) with Exxon 2380 oil as required. (DC8-70 series aircraft)

c. 02498

d. Service spoiler reservoir with Skydrol 500B, or Chevron Hyjet IV-A. This intermix of fluids is approved on Douglas DMS/WPL-Z014.

d. 02498

e. Service waste disposal system as required. Check drain valve for leakage. (Insure doughnut installed).

e. 50732

4. FUSELAGE INTERIOR

a. Verify that all circuit breakers are set in accordance with the Flight Manual/Maintenance Manual specifications.

a. 50732

b. Check cockpit general area for condition: oxygen masks, smoke goggles, windows, PBE, seats, safety belts and instruments for security and visible damage.

b. 50732

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- c. Check oxygen cylinders for proper pressure:
- 1) Crew fixed cylinder: 1600-1800 PSI at 21°C (70°F)
 - 2) One crew portable cylinders: 1800 + 0 -20 PSI at 21°C (70°F)
 - 3) Courier and lavatory portable cylinders (if installed): 1800 + 0 -20 PSI at 21°C (70°F)
- d. Check condition of fire extinguishers, first aid kits, fire axe, and evacuation rope.
- e. Test flight data recorder. Turn switch on, light should go out.
- f. Test Cockpit Voice Recorder per applicable Maintenance Manual.
- g. Test operation of Fire Warning System.
- h. Test operation of all cockpit lighting and check spare bulb and fuse supply. Replenish as necessary.
- i. Check magnetic compass for bubbles and correction chart for legibility.
- j. Perform operational check of exterior lighting. Check to include the following:
- 1) Test operation of the anti-collision lights.
 - 2) Strobe Lights
 - 3) Wing navigation lights.
 - 4) Landing and taxi lights.
 - 5) Logo lights and wing/ground flood lights.
- k. Verify aircraft battery voltage, minimum 22 volts.
- l. Check cockpit entrance doors for visible discrepancies and proper operation of locking mechanism.

c. 50732

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g. 50732

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- m. Visually check main cargo compartment for cleanliness, evidence of any damage, and that all lighting is operational.
- n. Visually check cargo loading system components for presence and security. Visually check main cargo door sills, seals, and exposed structure/components for damage and security.
- o. Visually check that main cargo door sill guards are on board aircraft and that all lower compartment nets are on board and properly installed. Ref. M.M. 25-50-0.
- p. Visually check that all access doors and panels are properly secured upon completion of check.
- q. Check that aircraft airworthiness certificate, aircraft registration, radio license, and Maintenance Manuals are on board. (MP&P Chap. 1 - Manual Distribution)

- m. 5732
- n. 5732
- o. 5732
- p. 5767
- q. 5767

5. PAPERWORK COMPLETENESS

- a. Engine oil added documented in log book.
- b. Remove gear pins, grounding strap, and open oxygen shutoff valves.
- c. All Inspection paperwork, Non-Routines, DMI's, log book entries, and part tags properly completed and accounted for.
- d. Sign airworthiness release in aircraft maintenance log book.

- a. 5767
- b. 5767
- c. 5767
- d. 02409

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