

ZONES: 200  
 A/C NUMBER:  
 REV. DATE: 12/19/07  
 FREQUENCY: 1A

W/C NUMBER: 721F2304      DATE:

## REFERENCES

AMM 23-33-00

MECH      INSP

MRB 23-999A

DC10 CABIN MUX SYSTEM OPS CHECK

XXXXX 1. Close the following circuit breakers:

PANEL	DESCRIPTION
EQUIP PNL LT FWD	CALL LIGHT - TEST
EQUIP PNL LT FWD	READING LIGHT TEST
EQUIP PNL LT FWD	VCC POWER
EQUIP PNL LT FWD	PESCA A
EQUIP PNL LT FWD	ADB
D3	MAIN MULTIPLEXER
D2	ENTERTAINMENT TAPE
D11	PASSENGER ADDRESS
D26	PA AMPLIFIER 2
MID CAB EQUIP PNL	PASSENGER READING LIGHTS LT OTBD
MID CAB EQUIP PNL	PASSENGER READING LIGHTS RT OTBD
MID CAB EQUIP PNL	PASSENGER READING LIGHTS LT INBD
MID CAB EQUIP PNL	PASSENGER READING LIGHTS RT INBD
MID CAB EQUIP PNL	SECTION TIMER/DECODER INBD
MID CAB EQUIP PNL	SECTION TIMER/DECODER OTBD
MID CAB EQUIP PNL	SEAT CALL LTS
MID CAB EQUIP PNL	SEAT CALL LTS
MID CAB EQUIP PNL	SUBMULTIPLEXER
MID CAB EQUIP PNL	CHIME & MASTER CALL
RT OVERWING PNL	SECTION TIMER/DECODER INBD
RT OVERWING PNL	SECTION TIMER/DECODER OTBD
RT OVERWING PNL	SEAT CALL LTS
RT OVERWING PNL	PASSENGER READING LIGHTS LT OTBD
RT OVERWING PNL	PASSENGER READING LIGHTS RT OTBD
RT OVERWING PNL	PASSENGER READING LIGHTS LT INBD
RT OVERWING PNL	PASSENGER READING LIGHTS RT INBD
LT OVERWING PNL	SEAT CALL LTS
LT OVERWING PNL	SUBMULTIPLEXER
LT OVERWING PNL	CHIME & MASTER CALL
EQUIP PNL LT AFT	PASSENGER READING LIGHTS LT OTBD
EQUIP PNL LT AFT	PASSENGER READING LIGHTS RT OTBD
EQUIP PNL LT AFT	PASSENGER READING LIGHTS LT INBD
EQUIP PNL LT AFT	PASSENGER READING LIGHTS RT INBD
EQUIP PNL LT AFT	SEAT CALL LTS INBD
EQUIP PNL LT AFT	SEAT CALL LTS OTBD
EQUIP PNL LT AFT	SEAT CALL LTS INBD

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EQUIP PNL LT AFT	SEAT CALL LTS OTBD
EQUIP PNL LT AFT	SECTION TIMER/DECODER INBD
EQUIP PNL LT AFT	SECTION TIMER/DECODER OTBD
EQUIP PNL LT AFT	SUBMULTIPLEXER
EQUIP PNL LT AFT	CHIME & MASTER CALL LIGHT

CAUTION: MAKE SURE ALL ELECTRICAL POWER IS REMOVED BEFORE PERFORMING ANY COMPONENT RELACEMENT, INCLUDING READING LAMPS.

## 2. Perform Self-Test Multiplexer System

NOTE: If a self test switch remains in the test position after test completion, then normal system operation is no longer possible.

A. Set CALL SELF TEST switch located in the crew luggage compartment at No.1 left entry door to ON.

\_\_\_\_\_ XXXXX (1) Verify all aisle call lights illuminate.

\_\_\_\_\_ XXXXX (2) Verify all passenger call lights (blue) at the call system annunciators illuminate.

B. Check the MUX DATA FAULT lights on the ceiling panels in the forward, middle and aft cabin as follows:

\_\_\_\_\_ XXXXX (1) Verify test switch on outboard section timer is in the NORMAL position and that both lights do not illuminate.

\_\_\_\_\_ XXXXX (2) Push both outboard section timer lights (push to test) and verify they illuminate.

(a) Verify that the MUX DATA FAULT lights do not illuminate.

\_\_\_\_\_ XXXXX C. Push MUX DATA FAULT OTBD and INBD light (push to test) on forward cabin ceiling panel.

(1) Verify the lights illuminate.

D. Set READING LIGHT switch on forward left cabin attendants panel to ALL ON.

\_\_\_\_\_ XXXXX (1) Verify all reading lights are on.

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E. Set MUX SELF TEST switch on ground service panel to ON.

\_\_\_\_\_ XXXXX (1) Verify all reading lights, annunciator lights and aisle call lights extinguish.

F. Set MUX SELF TEST switch to OFF.

\_\_\_\_\_ XXXXX (1) Verify all reading lights, annunciator lights and aisle call lights illuminate.

G. Set READING LIGHT switch to OFF, place CALL SELF TEST switch to OFF position.

\_\_\_\_\_ XXXXX (1) Verify all reading lights extinguish.

\_\_\_\_\_ XXXXX (2) Verify all annunciator lights and aisle call lights extinguish.

\_\_\_\_\_ XXXXX H. Place CALL SELF TEST switch and READING light switch to NORM (NORMAL) position.

3. Check the video and audio functions for the MUX system as follows:

\_\_\_\_\_ XXXXX A. Activate the Video System by inserting video cassette into VTR #1.

(1) Verify an image appears on all overhead screens within 1 minute.

(2) Verify the images are well defined and colors are correct.

\_\_\_\_\_ XXXXX B. Activate the Audio System at the Forward Attendant's panel.

\_\_\_\_\_ XXXXX C. Check for Audio and Video sound using a passenger headset at the forward seat in each column of the forward cabin.

NOTE: Audio channels 3 thru 12 and Video Audio channels 1 and 2.

NOTE: The center seats contain two columns.

\_\_\_\_\_ XXXXX D. Check for Audio and Video sound using a passenger headset at the forward seat in each column of the mid cabin.

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NOTE: The center seats contain two columns.

\_\_\_\_\_ XXXXX E. Check for Audio and Video sound using a passenger headset at the forward seat in each column of the aft cabin.

NOTE: The center seats contain two columns.

\_\_\_\_\_ XXXXX F. Activate the Video System by inserting video cassette into VTR #2.

(1) Verify an image appears on all overhead screens within 1 minute.

(2) Verify the images are well defined and colors are correct.

\_\_\_\_\_ XXXXX 4. Turn off Cabin MUX System.

\_\_\_\_\_ XXXXX 5. Record all discrepancies into Aircraft Logbook.

\*\*\*\*\* END OF WORKCARD \*\*\*\*\*