

ZONES: 211 212
 A/C NUMBER:
 REV. DATE: 02/03/05
 FREQUENCY: 1C

W/C NUMBER: 221M2711 DATE:
 W/O:
 JAC CODE:

REFERENCES

AMM 24-22-00-2, 29-11-00-2.

MECH INSP

PERFORM SINGLE HYDRAULIC SYSTEM CHECK OF EACH ELEVATOR PCA
 USING EACH HYDRAULIC SYSTEM IN SEQUENCE.

MPD Item: 27-31-00-5C

1. Hydraulic Control Shutoff Valve Operation Test with a Single
 Hydraulic Source

NOTE: This is a scheduled maintenance task.

A. References

(1) 24-22-00-2, Electrical Power - Control

(2) 29-11-00-2, Main (Left, Right, and Center)
 Hydraulic Systems

B. Prepare for the Test

(1) Supply electrical power (Ref 24-22-00-2).

(2) Make sure these circuit breakers on the overhead
 panel, P11, are closed:

(a) EICAS (6 LOCATIONS)

(b) 11K9, LEFT ENGINE OIL PRESS

(c) 11K35, RIGHT ENGINE OIL PRESS

C. Do the Test For Single Hydraulic Source

(1) Make sure the L, R, and C FLT CONTROL SHUTOFF
 switches on the right side panel, P61 are at the ON
 position.

WARNING: KEEP PERSONS AND EQUIPMENT AWAY FROM ALL CONTROL
 SURFACES WHEN HYDRAULIC POWER IS SUPPLIED.
 AILERONS, ELEVATORS, RUDDER, FLAPS, SLATS,
 SPOILERS, AND STABILIZER ARE FULLY POWERED
 SURFACES. INJURY TO PERSONS OR DAMAGE TO

A/C NUMBER:

CHECK BEING PERFORMED: Cust

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MECH: INSP:

EQUIPMENT CAN OCCUR WHEN HYDRAULIC POWER IS SUPPLIED.

| _____ XXXXX (2) Pressurize the left hydraulic system
| (Ref 29-11-00-2).

| (a) Operate the control columns through full travel then put them to the neutral position.

|XXXX _____ 1) Make sure the elevators move correctly to the control column movement.

| _____ XXXXX (b) Remove the power from the left hydraulic system
| (Ref 29-11-00-2).

WARNING: KEEP PERSONS AND EQUIPMENT AWAY FROM ALL CONTROL SURFACES WHEN HYDRAULIC POWER IS SUPPLIED. AILERONS, ELEVATORS, RUDDER, FLAPS, SLATS, SPOILERS, AND STABILIZER ARE FULLY POWERED SURFACES. INJURY TO PERSONS OR DAMAGE TO EQUIPMENT CAN OCCUR WHEN HYDRAULIC POWER IS SUPPLIED.

| _____ XXXXX (3) Pressurize the center hydraulic system
| (Ref 29-11-00-2).

| _____ XXXXX (a) Operate the control columns through full travel then put them to the neutral position.

|XXXX _____ 1) Make sure the elevators move correctly to the control column movement.

| _____ XXXXX (b) Remove the power from the center hydraulic system (Ref 29-11-00-2).

WARNING: KEEP PERSONS AND EQUIPMENT AWAY FROM ALL CONTROL SURFACES WHEN HYDRAULIC POWER IS SUPPLIED. AILERONS, ELEVATORS, RUDDER, FLAPS, SLATS, SPOILERS, AND STABILIZER ARE FULLY POWERED SURFACES. INJURY TO PERSONS OR DAMAGE TO EQUIPMENT CAN OCCUR WHEN HYDRAULIC POWER IS SUPPLIED.

| _____ XXXXX (4) Pressurize the right hydraulic system
| (Ref 29-11-00-2).

ELEVATOR POWER CONTROL ACTUATOR

A/C NUMBER:

CHECK BEING PERFORMED: Cust

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MECH: INSP:

| _____ XXXXX (a) Operate the control columns through full travel
then put them to the neutral position.

| XXXX _____ 1) Make sure the elevators move correctly to
the control column movement.

| _____ XXXXX (b) Remove the power from the right hydraulic system
| (Ref 29-11-00-2).

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