CHECK BEING PERFORMED: Custom

ZONES: 212 W/C NUMBER: 221M2706 DATE:
A/C NUMBER: W/O:
REV. DATE: 04/21/99 JAC CODE:
FREQUENCY: 1C

REFERENCES

1

MECH INSP

CHECK OPERATION OF THE AUTO SLAT EXTENSION/RETRACTION

SYSTEM.

1 Test of the Auto Slat Extension and Retraction

A References

1 24-22-00/201, Electrical Power - Control

2 27-51-00/501, Trailing Edge Flap System

3 27-81-20/401, L/E Slat Drive Torque Tube

4 29-11-00/201, Main (Left, Right, and Center) Hydraulic Systems

5 78-31-00/201, Thrust Reverser System

B Access

1 Location Zones

119/120 Main Equipment Center
211/212 Control Cabin
500/600 Left Wing/Right Wing

C Prepare for the Test

WARNING: DO THE THRUST REVERSER DEACTIVATION PROCEDURE TO PREVENT THE OPERATION OF THE THRUST REVERSER. ACCIDENTAL OPERATION OF THE THRUST REVERSER CAN CAUSE INJURIES TO PERSONS OR DAMAGE TO EQUIPMENT.

_____ XXXXX 1 Do this procedure: Thrust Reverser Deactivation for Ground Maintenance (Ref 78-31-00/201).

_____ XXXXX 2 Make sure the trailing edge flaps and leading edge slats

are fully retracted and the flap control lever is in the zero (FLAPS UP) detent.

_____ XXXXX 3 Make sure the position selector switch for the flap/slat alternate drive on the first-officer's main instrument panel, P3, is in the NORM detent.

_____ XXXXX 4 Supply electrical power (Ref 24-22-00/201).

_____ XXXXX 5 Make sure the arming switches for the flap and slat alternate drive, on the P3 panel, are not armed (switch lights will be off)

_____ XXXXX 6 Make sure the six EICAS circuit breakers on the overhead circuit breaker panel, P11, are closed.

_____ XXXXX 7 Make sure the IRU is in operation (Ref 34-21-00/201).

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. INJURIES TO PERSONS OR DAMAGE TO EQUIPMENT CAN OCCUR WHEN HYDRAULIC POWER IS SUPPLIED.

_____ XXXXX 8 Pressurize the left hydraulic system (Ref 29-11-00/201).

D Auto Slat Extension and Retraction Test

_____ XXXXX 1 Put the flap lever in the 1-unit detent and do a check as follows:

a Make sure the T/E flaps move to the 1-unit position and the L/E slats move to the intermediate position.

CAUTION: MAKE SURE THE ACCESS DOOR FOR THE ENGINE STRUT, THE INBOARD FAN COWLING, AND THE THRUST REVERSER COWLING ARE CLEAR FROM THE MOVEMENT OF THE SLATS. IF THE MOVEMENT OF THE SLATS IS BLOCKED, IT CAN CAUSE DAMAGE TO THE AIRPLANE.

_____ XXXXX 2 Operate and hold the test switch for the LEFT STALL

warning on the side panel, P61, and do a check as follows:

a Make sure the L/E slats move to the fully extended position and the captain's stick shaker operates.

_____ XXXXX 3 Release the LEFT stall warning test switch and do a check as follows:

a Make sure the L/E slats move to the intermediate position and the stick shaker stops.

_____ XXXXX 4 Operate and hold the test switch for the RIGHT stall warning and do a check as follows:

a Make sure the L/E slat moves to the fully extended position and the first officer's stick shaker operates.

_____ XXXXX 5 Release the test switch and do a check as follows:

a Make sure the L/E slats move to the intermediate position and the first-officer's stick shaker stops.

_____ XXXXX 6 Operate and hold the test switches for the LEFT and RIGHT stall warning and do a check as follows:

a Make sure the L/E slats move to the fully extended position and the two stick shakers operate.

_____ XXXXX 7 Release the two test switches and do a check as follows:

a Make sure the L/E slats move to the intermediate position and the two stick shakers stop.

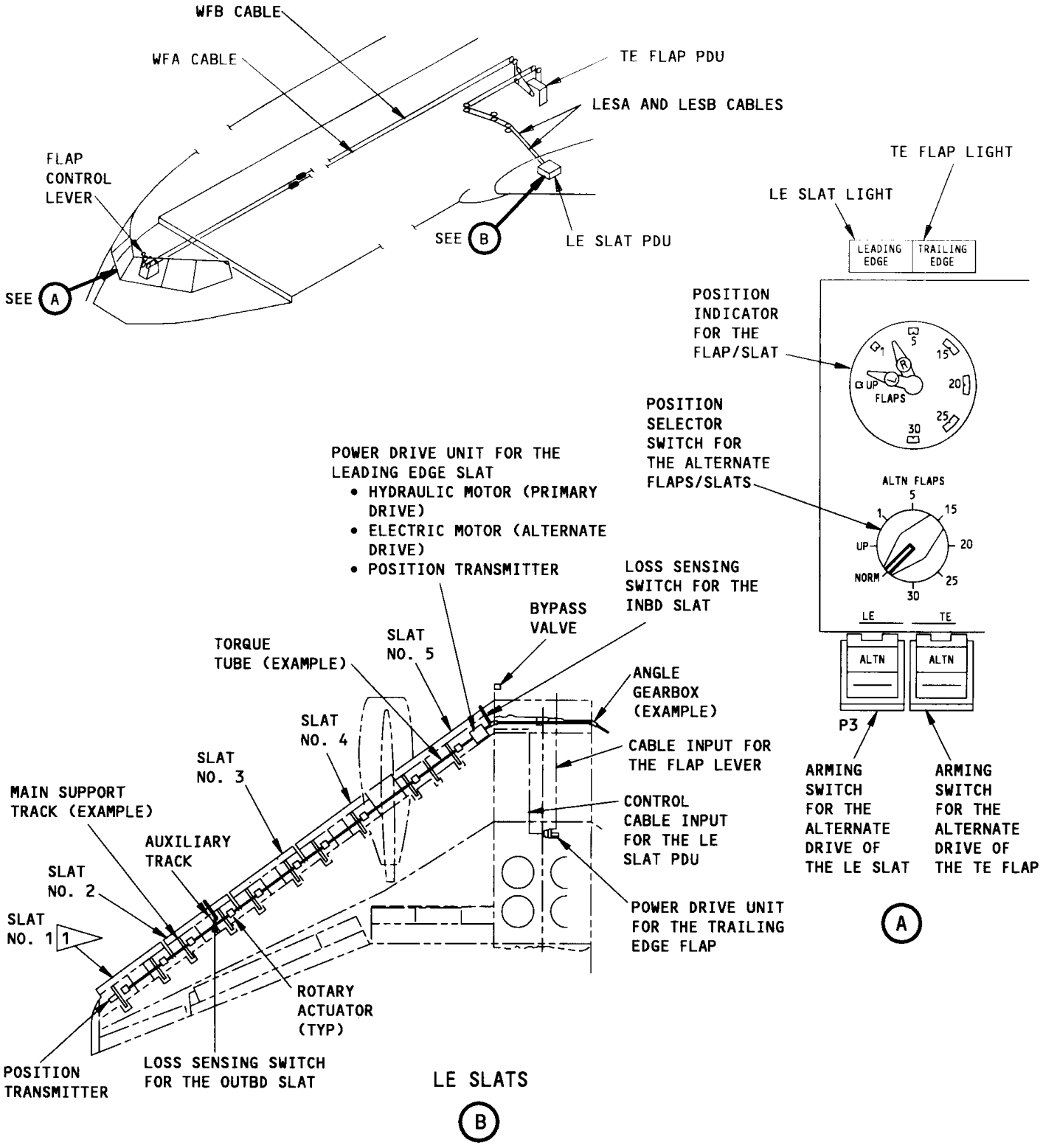
_____ XXXXX 8 Put the flap control lever in the zero (FLAPS UP) detent, and make sure the T/E flaps and L/E slats move to the fully retracted position.

E Put the Airplane Back to Its Usual Condition

_____ XXXXX 1 Remove the pressure from the left hydraulic system (Ref 29-11-00/201)

_____	XXXXX	2	Remove the electrical power if it is not necessary (Ref 24-22-00/201)
_____	XXXXX	3	Do the activation procedure for the thrust reverser (Ref 78-31-00/201).

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



Leading-Edge Slat System