RUDDER PRIMARY MECHANICAL CONTROL - ADJUSTMENT/TEST

EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)

1. General

   A. This section gives the procedures to do a check on the rudder movable primary stop mechanism.

   B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	*DESCRIPTION*	*EFFECTIVITY*
27-21-00-700-801-A ♦	RUDDER MOVABLE PRIMARY STOP MECHANISM - OPERATIONAL CHECK	JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)

TASK 27-21-00-700-801-A
EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)

2. RUDDER MOVABLE PRIMARY STOP MECHANISM - OPERATIONAL CHECK

A. General

(1) This section gives the procedures to do a check on the rudder movable primary stop mechanism to make sure that its bellcrank operates correctly.

(2) Figure 501 shows the location of the bellcrank of the rudder movable primary stop mechanism.

B. References

REFERENCE	*DESIGNATION*
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	*FUNCTION*	*PLACE*
1	Does the task	Cockpit

I. Preparation

SUBTASK 841-002-A

(1) Make sure that the aircraft is safe for maintenance.

(2) Do not do other tasks in the rudder system.

(3) Pressurize hydraulic system 2 (AMM TASK 29-10-00-860-801-A/200).

(4) Energize the aircraft with the External DC Power Supply (AMM TASK 20-40-01-860-801-A/200).

(5) Make sure that the AIR/GND C circuit breaker is closed, on the Circuit Breaker Panel.

J. Operationally Check Rudder Movable Primary Stop Mechanism (Figure 501)

SUBTASK 710-002-A

WARNING: MAKE SURE THAT THERE ARE NO PERSONS OR EQUIPMENT IN THE RUDDER TRAVEL AREA.

(1) Do a check in the rudder movable primary stop mechanism. Use the pilot rudder pedal to control the rudder.

(a) On the Circuit Breaker Panel, open the AIR/GND C circuit breaker.

(b) Control the rudder fully to the left and hold it in this position.

(c) On the Circuit Breaker Panel, close the AIR/GND C circuit breaker.

Result:

1 When you close the AIR/GND C circuit breaker, the rudder pedals move fully forward.

(d) On the Circuit Breaker Panel, open the AIR/GND C circuit breaker.

(e) Control the rudder fully to the right and hold it in this position.

(f) On the Circuit Breaker Panel, close the AIR/GND C circuit breaker.

Result:

1 When you close the AIR/GND C circuit breaker, the rudder pedals move fully forward.

K. Follow-on

SUBTASK 842-002-A

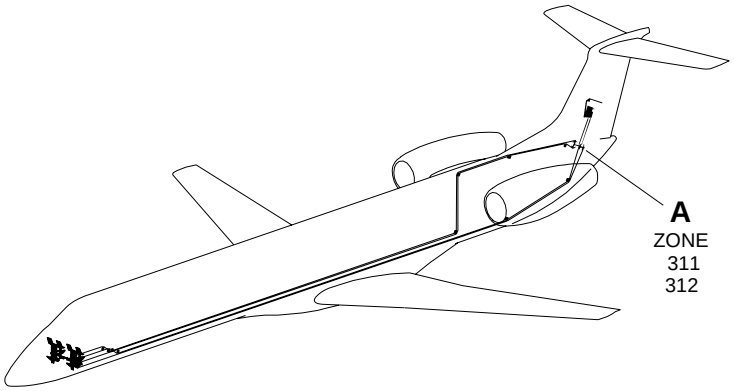
(1) On the Circuit Breaker Panel, close the AIR/GND C circuit breaker.

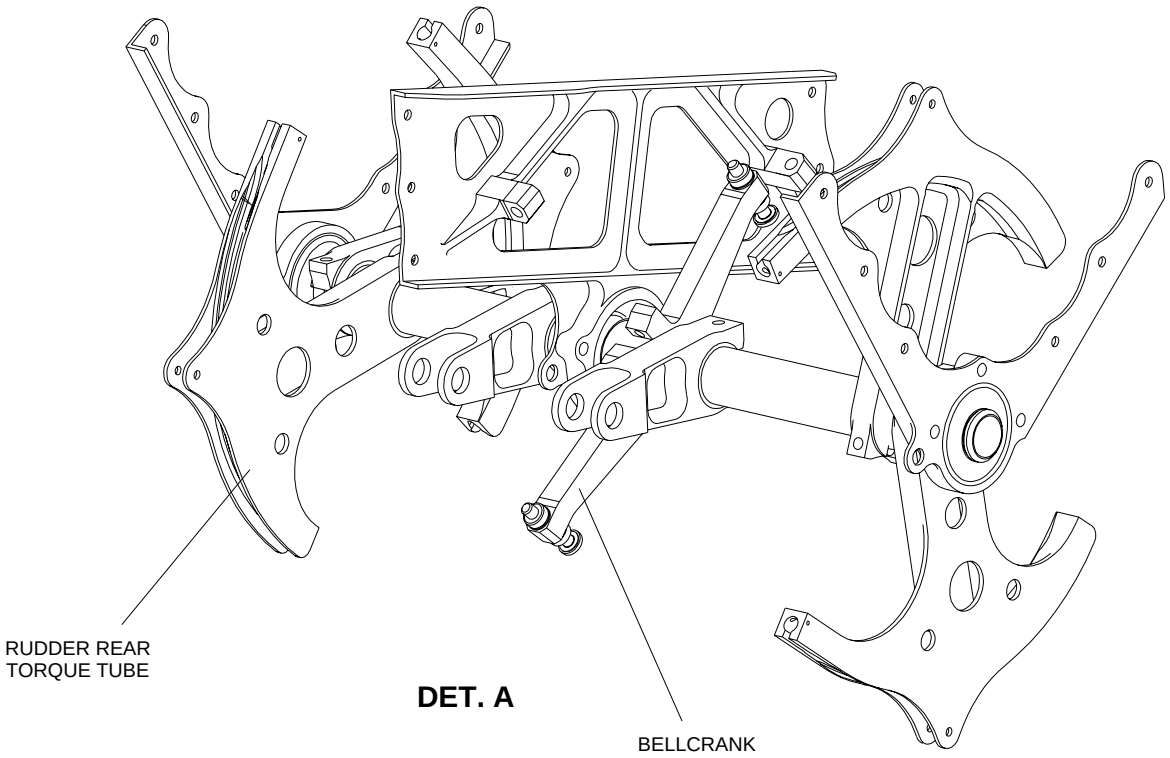
(2) Release the pressure of hydraulic system 2 (AMM TASK 29-10-00-860-801-A/200).

(3) Deenergize the aircraft (AMM TASK 20-40-01-860-801-A/200).

EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015)

Bellcrank of the Rudder Movable Primary Stop Mechanism - Location
Figure 501





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