



AIRCRAFT
MAINTENANCE MANUAL

MAIN-DOOR ACTUATING AND LOCKING MECHANISM - ADJUSTMENT/TEST

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

1. General

- A. This section gives the procedures to do the functional check of the actuating, latching, and locking mechanism of the main door.
- B. These procedures are applicable to the locking and unlocking simulations of the main door with the internal and external handles.
- C. 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
52-11-00-700-801-A ♦	MAIN-DOOR ACTUATING LATCHING AND LOCKING MECHANISM - FUNCTIONAL CHECK	AIRCRAFT WITH AIR-LOCKING MECHANISM - FUNCTIONAL STAIRS DOOR CHECK



AIRCRAFT
MAINTENANCE MANUAL

EMB145 – EMB135

TASK 52-11-00-700-801-A

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

2. MAIN-DOOR ACTUATING LATCHING AND LOCKING MECHANISM - FUNCTIONAL CHECK

A. General

- (1) This task gives the procedures to do the functional check of the actuating, latching, and locking mechanism of the main door.

B. References

REFERENCE	DESIGNATION
AMM TASK 52-10-01-820-802-A/500	MAIN-DOOR STEP ACTUATING MECHANISM - ADJUSTMENT
AMM TASK 52-10-01-820-803-A/500	MAIN-DOOR INTERCONNECTING RODS - ADJUSTMENT
AMM TASK 52-10-01-820-804-A/500	MAIN-DOOR LOCKING-MECHANISM CAMS - TEST
AMM TASK 52-10-01-820-805-A/500	MAIN DOOR CABLES - ADJUSTMENT
AMM TASK 52-10-01-820-806-A/500	MAIN DOOR ROLLERS - ADJUSTMENT
AMM TASK 52-10-01-820-807-A/500	MAIN DOOR-TO-FUSELAGE SKIN GAP - ADJUSTMENT
AMM TASK 52-10-01-820-808-A/500	MAIN DOOR-TO-FUSELAGE SKIN STEP - ADJUSTMENT
AMM TASK 52-10-01-820-809-A/500	MAIN DOOR STOPS - ADJUSTMENT
AMM TASK 52-10-01-820-811-A/500	MAIN-DOOR FOLDING FLAP - ADJUSTMENT

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

Not Applicable

I. Functional Check of Main-Door Actuating, Latching, and Locking Mechanism

SUBTASK 720-002-A

- (1) Do a functional check of the actuating, latching, and locking mechanism of the main door as follows:



AIRCRAFT
MAINTENANCE MANUAL

- (a) Adjust the main door step actuating mechanism ([AMM TASK 52-10-01-820-802-A/500](#)).
- (b) Adjust the main-door interconnecting rods ([AMM TASK 52-10-01-820-803-A/500](#)).
- (c) Adjust the main-door locking-mechanism cams ([AMM TASK 52-10-01-820-804-A/500](#)).
- (d) Adjust the main door cables ([AMM TASK 52-10-01-820-805-A/500](#)).
- (e) Adjust the main door rollers ([AMM TASK 52-10-01-820-806-A/500](#)).
- (f) Adjust the main door-to-fuselage skin gap ([AMM TASK 52-10-01-820-807-A/500](#)).
- (g) Adjust the main door-to-fuselage skin step ([AMM TASK 52-10-01-820-808-A/500](#)).
- (h) Adjust the main door stops ([AMM TASK 52-10-01-820-809-A/500](#)).
- (i) Adjust the main-door folding flap ([AMM TASK 52-10-01-820-811-A/500](#)).

