



HYDRAULIC FUSE - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the functional check of the Main Brake Hydraulic Fuses.
- 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
32-41-07-700-801-A ♦	MAIN BRAKE HYDRAULIC FUSES - FUNCTIONAL CHECK	ALL



AIRCRAFT MAINTENANCE MANUAL

TASK 32-41-07-700-801-A

EFFECTIVITY: ALL

2. MAIN BRAKE HYDRAULIC FUSES - FUNCTIONAL CHECK

A. General

- (1) This task gives the procedures to do the functional check of the Main Brake Hydraulic Fuses.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 32-40-00-800-801-A/200	NORMAL BRAKE AND EMERGENCY PARKING BRAKE SYSTEMS - BLEEDING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
532	532AB	Left main Landing Gear
632	632AB	Right Main Landing Gear

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 108	Hose, wheel brake bleed	To bleed the brake system	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Container with graduations	To collect the hydraulic fluid	1
Commercially available	Rubber Gloves, Phosphate Ester-Base, Fluid Resistant	Protection for the hands	1
Commercially available	Rubber Goggles, Phosphate Ester-Base, Fluid Resistant	Protection for the Eyes	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit
1	Helps the other technician	Outside the aircraft

I. Preparation
SUBTASK 841-002-A

- (1) Isolate the operational areas near the landing gear.
- (2) Make sure that the safety pins are installed on the landing gears ([AMM TASK 32-00-01-910-801-A/200](#)).
- (3) Remove access panels 532AB and 632AB ([AMM MPP 06-44-00/100](#)).
- (4) Get access to the Landing Gear Brake Assembly ([Figure 501](#)).
- (5) Remove the bolts from the brake-assembly bleed valves.
- (6) Install GSE 108 in all brake assemblies. Put the container near the landing gear to collect the hydraulic fluid.

NOTE: There are two bleed valves in each brake assembly. You must install the GSE 108 in the bleed valve that is in a higher position than the other bleed valve.

- (7) Pressurize the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).

J. Functional check of the Main Brake Hydraulic Fuses ([Figure 501](#))
SUBTASK 720-002-A

- (1) Do a check of the hydraulic fuse of the left inboard brake.
 - (a) With the pilot's or copilot's left brake pedal fully pushed, slowly open the inboard brake-assembly bleed valves, on the LH MLG.
Result:
1 The hydraulic fuse of the left inboard brake stops the flow of the hydraulic fluid with a maximum volume of 21 cu.in (350 cm³).
 - (b) Close the bleed valves and reset the hydraulic fuse of the left inboard brake. Use the actuating lever to reset it.
 - (c) Release the pressure on the left pedal.
 - (d) Do the brake bleeding for the left inboard brake ([AMM TASK 32-40-00-800-801-A/200](#)).
- (2) Do step 1 for the hydraulic fuse of the left outboard brake.
- (3) Do step 1 for the hydraulic fuse of the right inboard brake, applying pressure on the right brake pedal.
- (4) Do step 1 for the hydraulic fuse of the right outboard brake, applying pressure on the right brake pedal.



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K. Follow-on

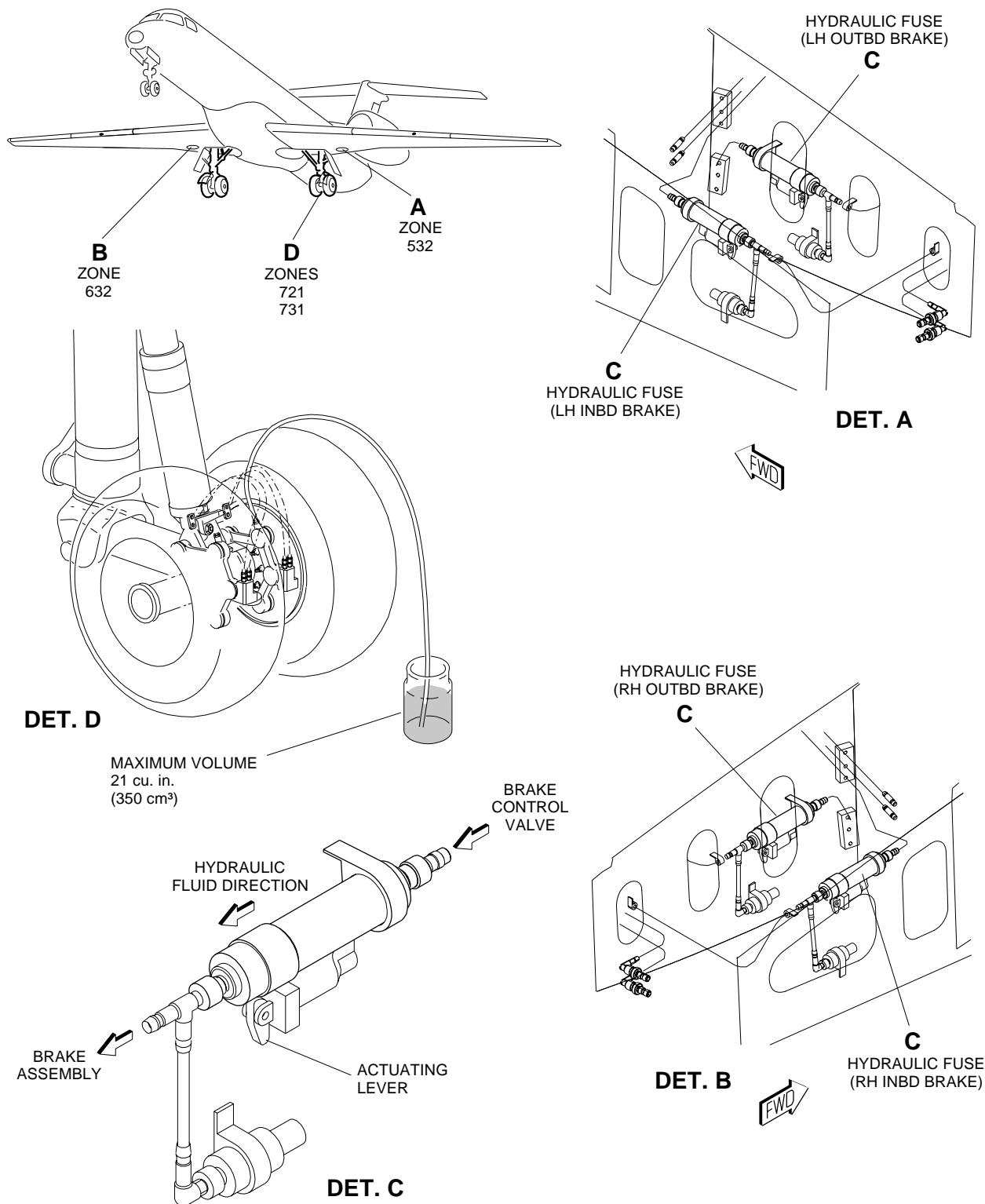
SUBTASK 842-002-A

- (1) Release the pressure from the hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)).
- (2) Install access panels 532AB and 632AB ([AMM MPP 06-44-00/100](#)).

EFFECTIVITY: ALL

Hydraulic Fuses - Test

Figure 501



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