



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

FUEL TANKS - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the inspection of:
- The underwing surfaces, tank access panels, dump valves, and drain valves of all aircraft other than those with wet wingstub;
  - The underwing surfaces, wing stub undersurfaces, tank access panels, dump valves, and drain valves of the aircraft with wet wingstub.
- 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
28-11-00-200-801-A ♦	FUEL TANK SURFACES - INSPECTION	ACFT WITH WET WINGSTUB
28-11-00-200-802-A ♦	FUEL TANK SURFACES - INSPECTION	ACFT WITH DRY WINGSTUB



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TASK 28-11-00-200-801-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

2. FUEL TANK SURFACES - INSPECTION

A. General

(1) This task is done during the routine inspection of the aircraft.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 28-41-00-200-801-A/600	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192CL	Center lower fairing
192	192DR	Center lower fairing
192	192HL	Center lower fairing
192	192JR	Center lower fairing
192	192AL	Center lower fairing
192	192BR	Center lower fairing

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	Underwing surface/Wing stub undersurface

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO THE MATERIAL.**



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- (1) Make sure that the aircraft is safe for maintenance.
- (2) Open access doors 192CL/192DR/192HL/192JR/192AL/192BR (AMM MPP 06-41-01/100).

J. Visually Check Underwing Surfaces, Tank Access Panels, Dump Valves, and Drain Valves for Absence of Fuel Leakage ([Figure 601](#))

**SUBTASK 212-002-A**

- (1) Do a visual check on the underwing surfaces, wing stub undersurface, tank access panels, dump valves, and drain valves for general condition and to make sure that there is no fuel leakage. If necessary, repair or replace components.

K. Follow-on

**SUBTASK 842-002-A**

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

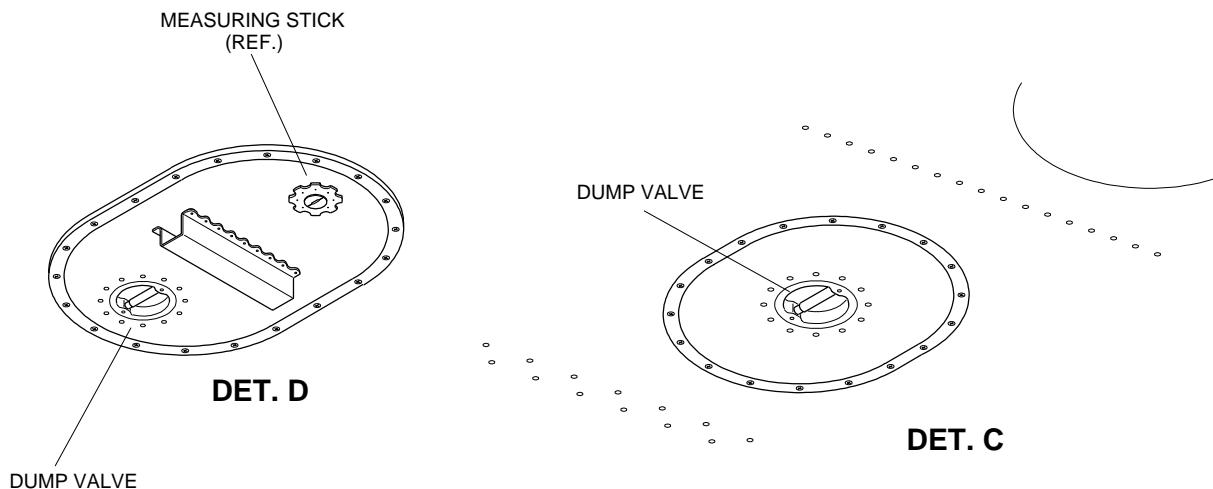
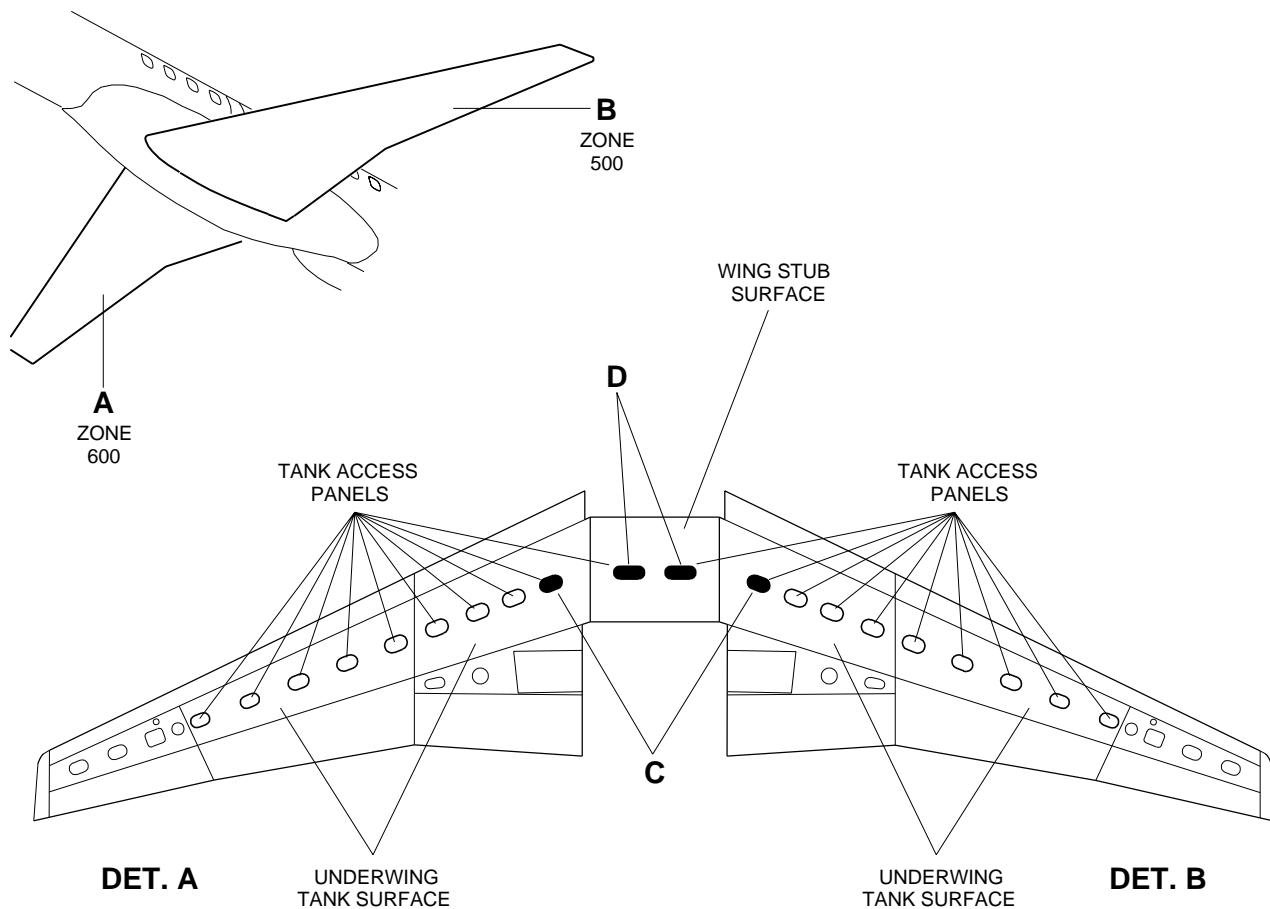
**NOTE:** The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).

- (2) Close access doors 192CL/192DR/192HL/192JR/192AL/192BR (AMM MPP 06-41-01/100).

**EFFECTIVITY: ACFT WITH WET WINGSTUB**

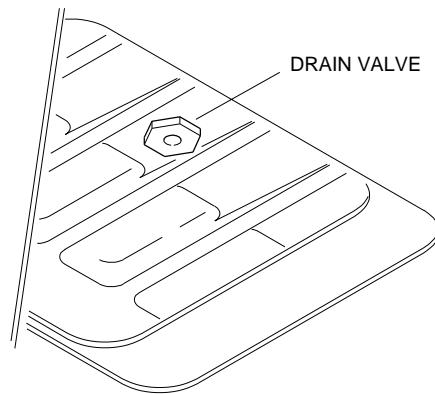
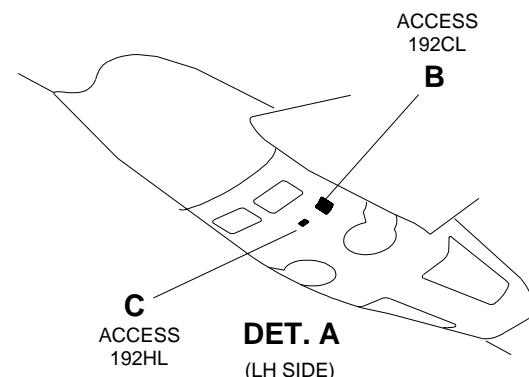
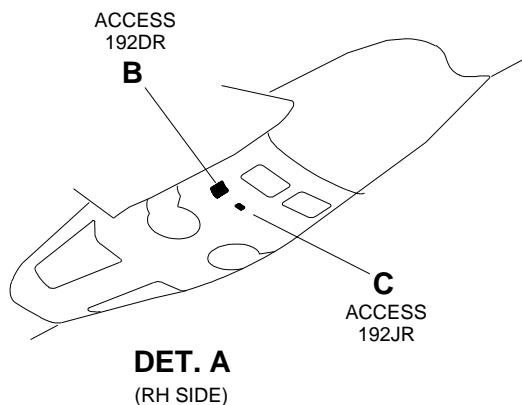
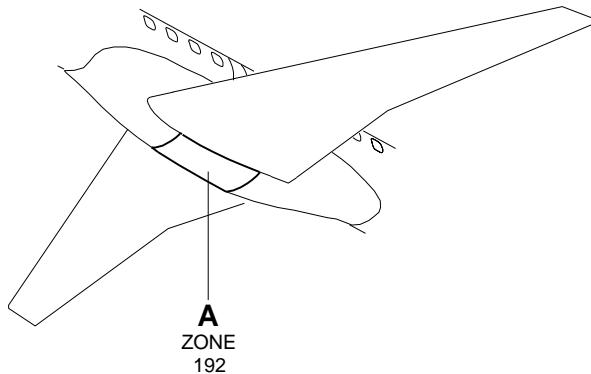
Fuel Tank Surfaces - Component Locations

Figure 601 - Sheet 1

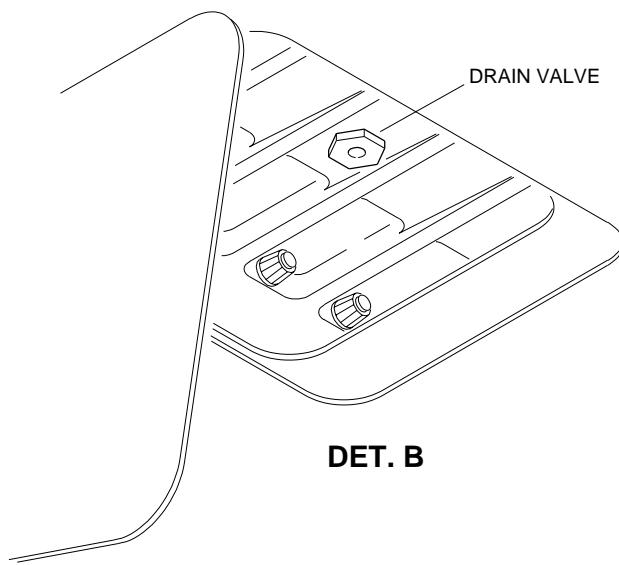


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**EFFECTIVITY: ACFT WITH WET WINGSTUB**  
 Fuel Tank Surfaces - Component Locations  
 Figure 601 - Sheet 2



**DET. C**



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TASK 28-11-00-200-802-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

3. FUEL TANK SURFACES - INSPECTION

A. General

- (1) This task is done during the routine inspection of the aircraft.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192CL	Center lower fairing
192	192DR	Center lower fairing

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	Underwing surface

I. Preparation

SUBTASK 841-003-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO THE MATERIAL.**

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Open access doors 192CL/192DR (AMM MPP 06-41-01/100).



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- J. Visually Check Underwing Surfaces, Tank Access Panels, Dump Valves, and Drain Valves for Absence of Fuel Leakage ([Figure 602](#))

### SUBTASK 212-003-A

- (1) Do a visual check on the underwing surfaces, tank access panels, dump valves, and drain valves for general condition and to make sure that there is no fuel leakage. If necessary, repair or replace components.

- K. Follow-on

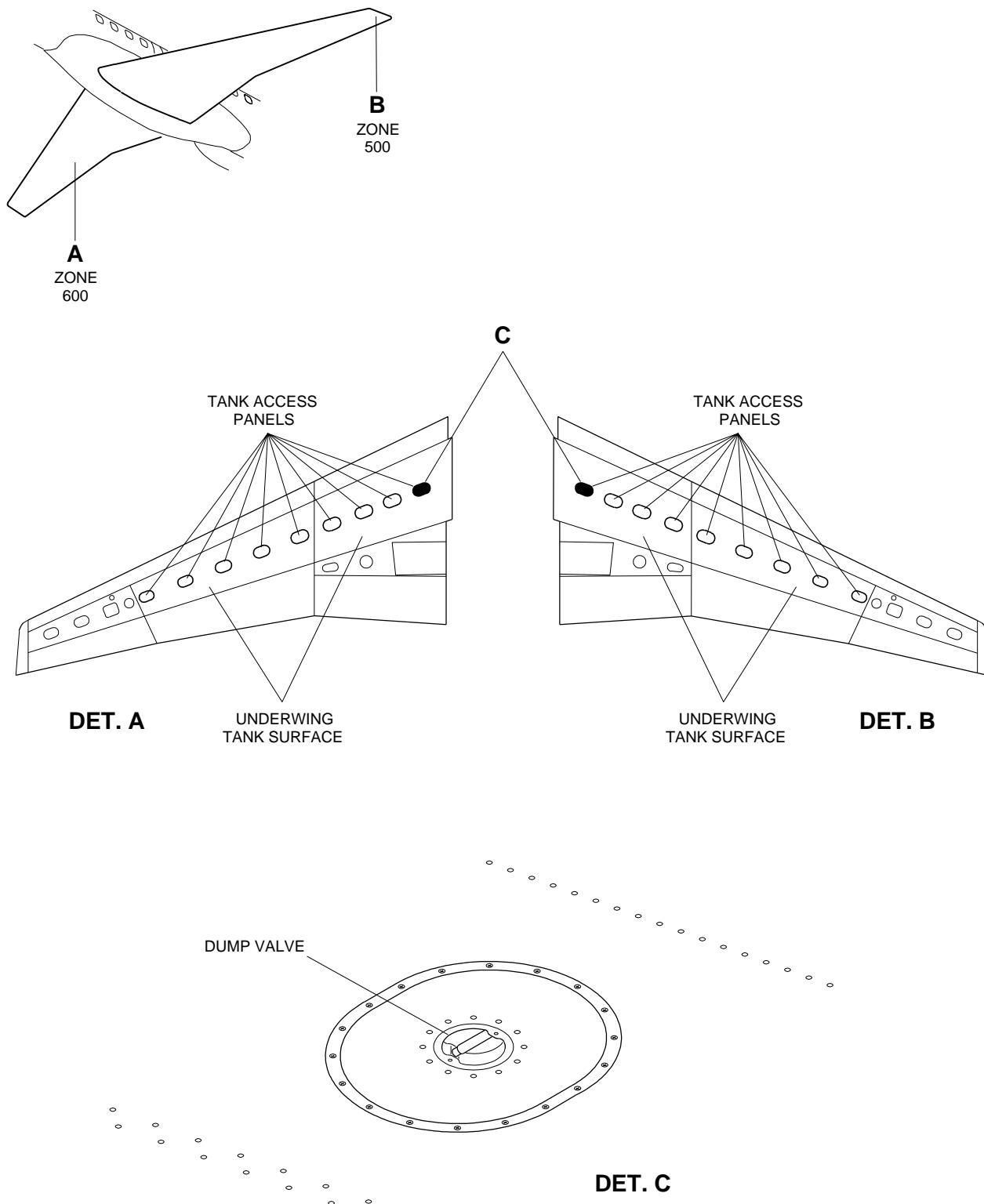
### SUBTASK 842-003-A

- (1) Close access doors 192CL/192DR (AMM MPP 06-41-01/100).

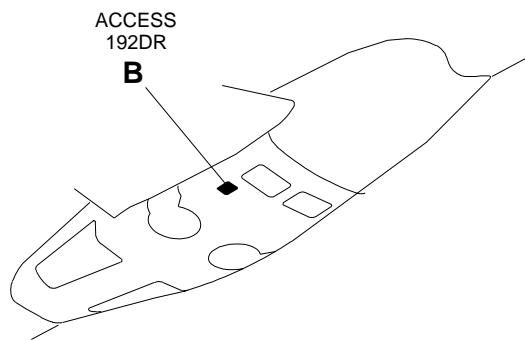
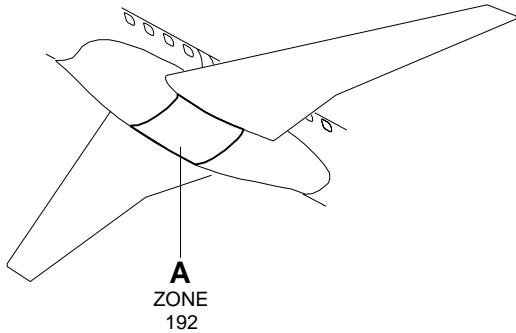
**EFFECTIVITY: ACFT WITH DRY WINGSTUB**

Fuel Tank Surfaces - Component Locations

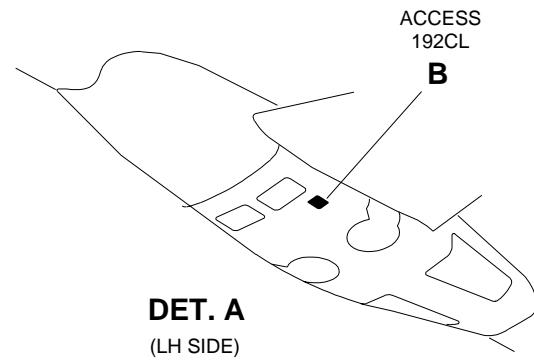
Figure 602 - Sheet 1



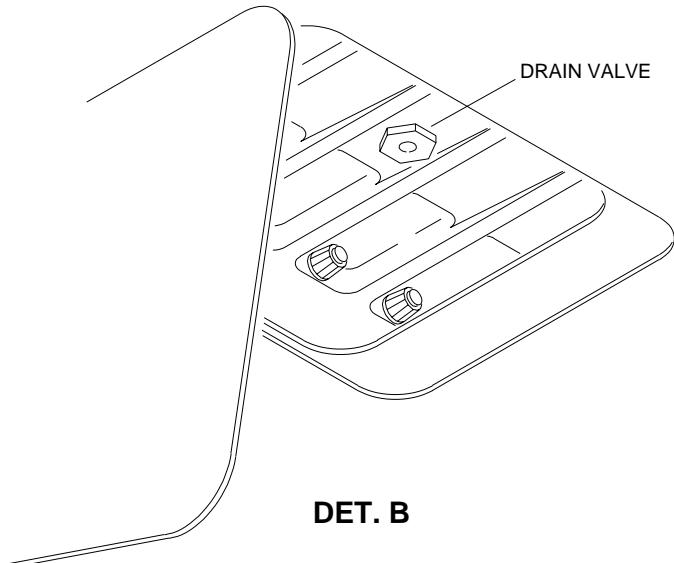
**EFFECTIVITY: ACFT WITH DRY WINGSTUB**  
**Fuel Tank Surfaces - Component Locations**  
**Figure 602 - Sheet 2**



**DET. A**  
(RH SIDE)



**DET. A**  
(LH SIDE)



**DET. B**

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