



## AIRCRAFT MAINTENANCE MANUAL

### SINGLE IRU FAN - CLEANING/PAINTING

EFFECTIVITY: AIRCRAFT WITH SINGLE IRS

#### 1. General

- A. This section gives the procedures to clean the filter of the Single Inertial-Reference-Unit (IRU) fan.
- 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
34-26-03-100-801-A ♦	SINGLE IRU MOUNTING TRAY FAN FILTER - CLEANING	AIRCRAFT WITH SINGLE IRS



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 34-26-03-100-801-A

EFFECTIVITY: AIRCRAFT WITH SINGLE IRS

2. SINGLE IRU MOUNTING TRAY FAN FILTER - CLEANING

A. General

- (1) The Single IRU fan is installed at the rear of the IRU mounting tray, in the forward electronic compartment.

B. References

REFERENCE	DESIGNATION
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
AMM TASK 34-26-01-000-801-A/400	INERTIAL REFERENCE UNIT (IRU) - REMOVAL
AMM TASK 34-26-01-400-801-A/400	INERTIAL REFERENCE UNIT (IRU) - INSTALLATION
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
213	113CZ	Forward electronic compartment - LH upper side

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	Forward electronic compartment

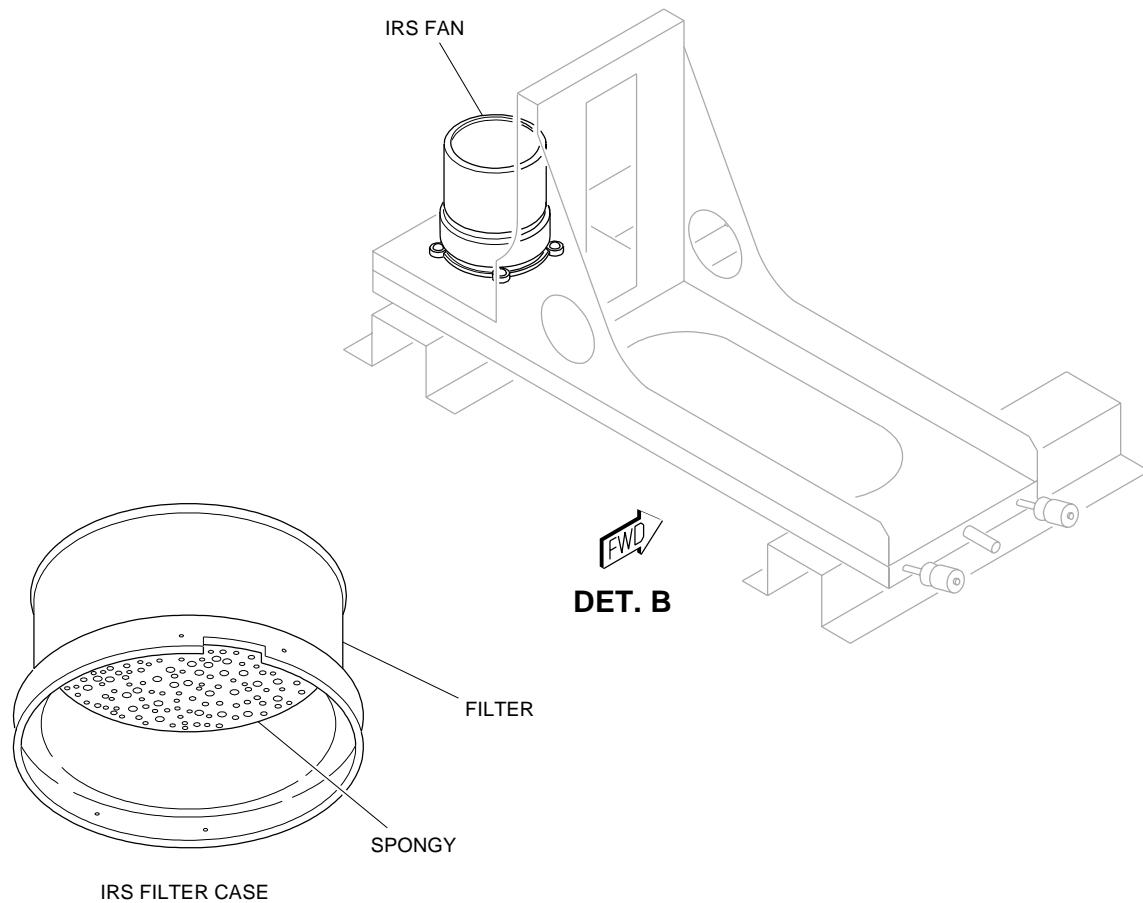
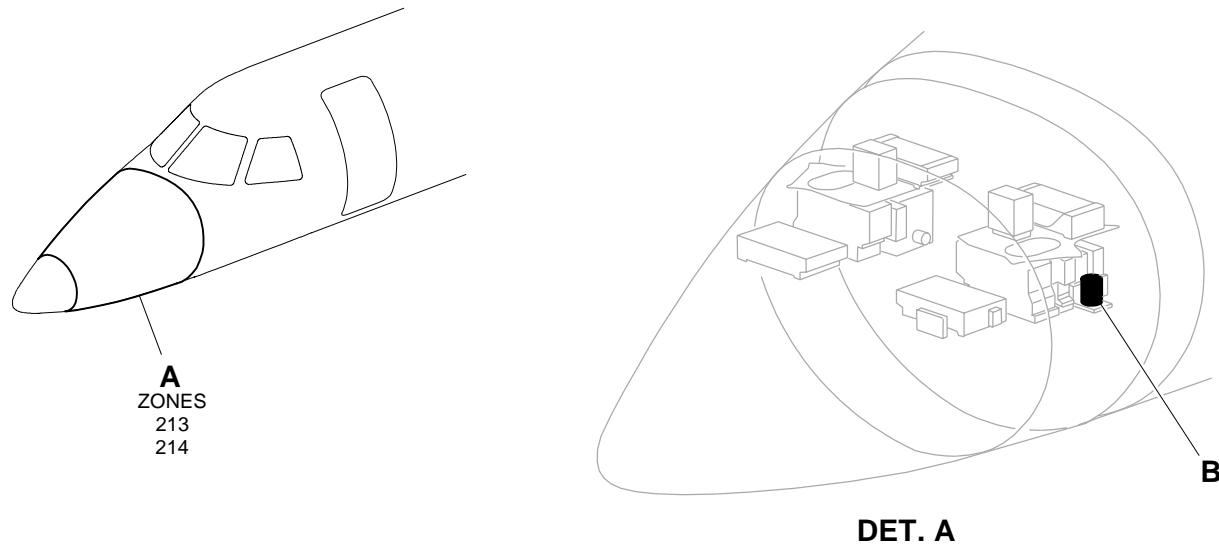
I. Preparation

**SUBTASK 841-002-A**

- (1) On aircraft PRE-MOD SB145-32-0036, make sure that the pressure in hydraulic system 1 is fully released ( AMM TASK 29-10-00-860-802-A/200).
- (2) On aircraft POST-MOD SB145-32-0036, install the safety pin of the NLG-door solenoid valve (AMM TASK 32-00-02-910-801-A/200).

- (3) On the circuit breaker panel, open the IRS circuit breaker and attach a DO-NOT-CLOSE tag to it.
  - (4) Open the 113CZ panel to get access to the Single IRU fan.
  - (5) Remove the Inertial Reference Unit ([AMM TASK 34-26-01-000-801-A/400](#)).
- J. Clean Single IRU Mounting Tray Fan Filter ([Figure 701](#))
- SUBTASK 140-002-A**
- (1) Hold and click out the cover of the fan filter to remove it from the fan case.
  - (2) Clean the spongy filter with dry compressed air.  
**NOTE:** If necessary, replace the filter.
  - (3) Position the cleaned filter in the fan case.
  - (4) Push in the filter to install it in the fan case.
- K. Follow-on
- SUBTASK 842-002-A**
- (1) Install the Inertial Reference Unit ([AMM TASK 34-26-01-400-801-A/400](#)).
  - (2) Close access panel 113CZ.
  - (3) On aircraft POST-MOD **SB145-32-0036**, remove the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
  - (4) On the circuit breaker panel, close the IRS circuit breaker and remove the DO-NOT-CLOSE tag from it.

**EFFECTIVITY: AIRCRAFT WITH SINGLE IRS**  
 Single IRU Mounting Tray Fan Filter - Cleaning  
 Figure 701



EM145AMM340448A.DGN