



AIRCRAFT MAINTENANCE MANUAL

SINGLE IRU FAN - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the operational test of the Single IRS unit fan.
- B. The Single IRS unit fan is installed on the IRS unit mounting tray.
- 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
34-26-03-700-801-A	SINGLE IRS UNIT FAN - OPERATIONAL TEST	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 34-26-03-700-801-A

EFFECTIVITY: ALL

2. SINGLE IRS UNIT FAN - OPERATIONAL TEST

A. General

- (1) This task gives the procedures for the Single IRS unit fan operational test.
- (2) The Single IRS unit fan is installed on the IRS unit mounting tray.
- (3) The Single IRS unit tray is installed on the left side of the forward electronic compartment.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
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
S.B.145-32-0036	-

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	Cockpit/Forward electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the IRS circuit breaker.
- (2) On the electrical panel, on the overhead panel, push the BACKUP pushbutton (striped bar comes on).
- (3) For aircraft PRE-MOD [S.B.145-32-0036](#), make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (4) For aircraft POST-MOD [S.B.145-32-0036](#), install safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (5) Open access door 113CZ (AMM MPP 06-41-01/100).

CAUTION: BE CAREFUL WHEN YOU HANDLE THE IRS UNIT.

- (6) Remove the Inertial Reference Unit from the mounting tray ([AMM TASK 34-26-01-000-801-A/400](#)).
- (7) Energize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Test Procedure ([Figure 501](#))

SUBTASK 710-002-A

- (1) On the circuit breaker panel, close the IRS circuit breaker.
- (2) Make sure that the Single IRS unit fan is operational and that the wind direction is from the fan to the computer.
- (3) On the circuit breaker panel, open the IRS circuit breaker.

K. Follow-on

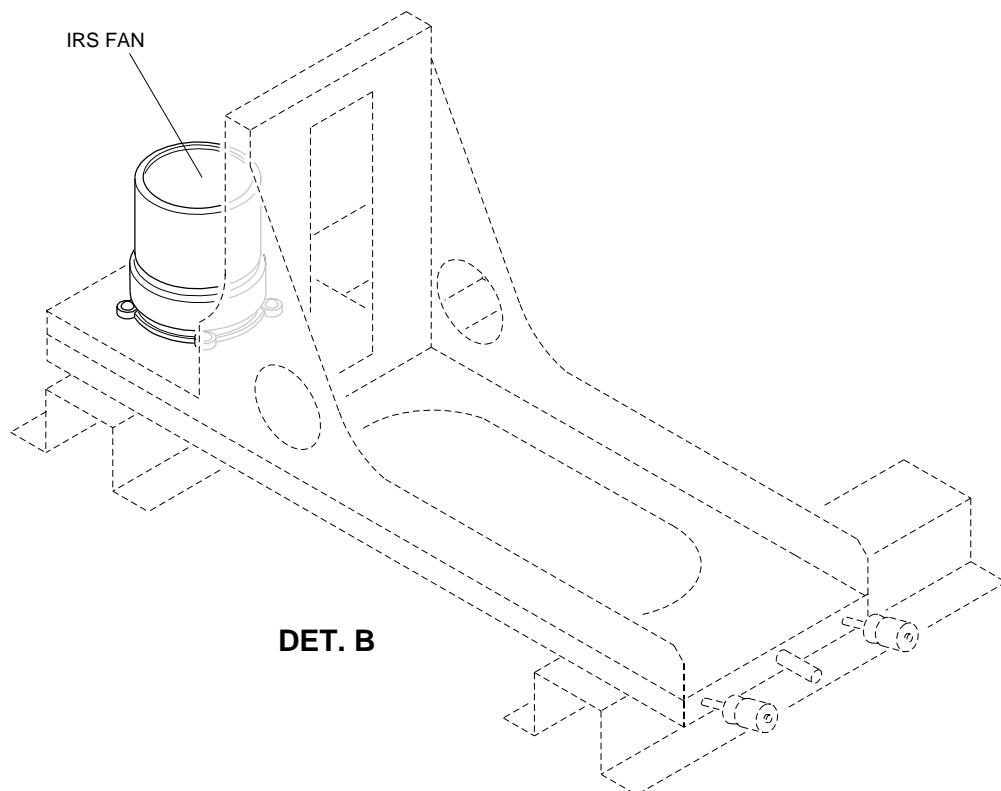
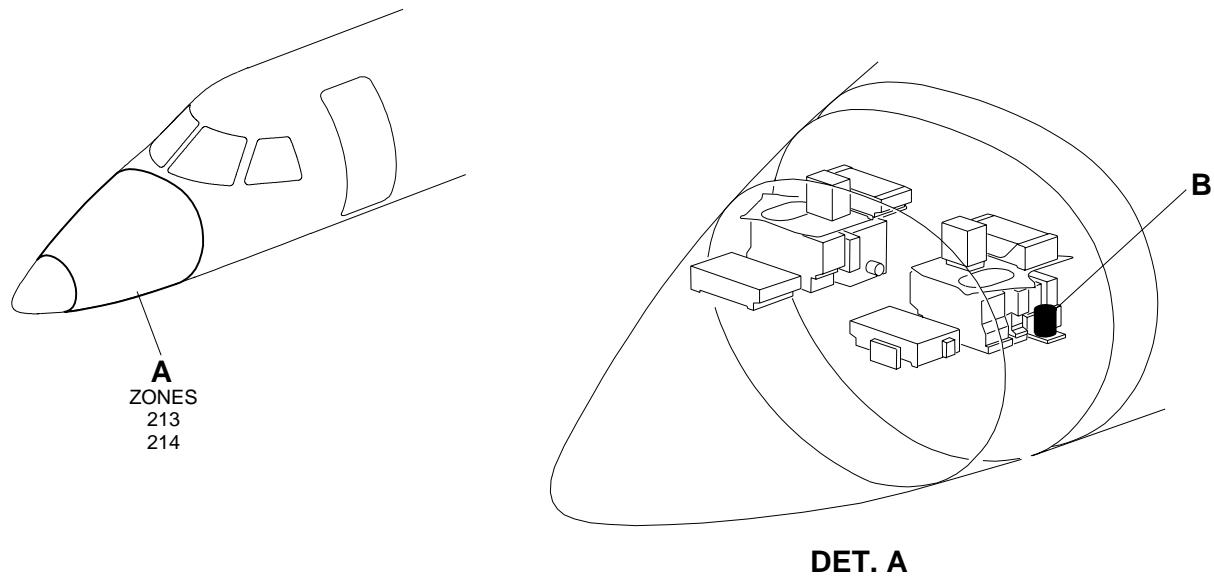
SUBTASK 842-002-A

- (1) Install the Inertial Reference Unit to the mounting tray again ([AMM TASK 34-26-01-400-801-A/400](#)).
- (2) Close access panel 113CZ (AMM MPP 06-41-01/100).
- (3) For aircraft POST-MOD [S.B.145-32-0036](#), remove the safety pin from the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) On the circuit breaker panel, close the IRS circuit breaker.
- (5) On the electrical panel, on the overhead panel, push the BACKUP pushbutton (striped bar comes off).
- (6) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

Single IRS Unit Fan - Operational Test

Figure 501



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