



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

COWLING - EXTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the cowling for general condition.
- B. Related Zones: 411/412/413/421/422/423.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 20971.8 thru STA X = 24534.5.
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 17426.8 thru STA X = 20989.5.
- D. 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
05-20-70-200-801-A ♦	COWLING - EXTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-20-70-200-801-A

EFFECTIVITY: ALL

2. COWLING - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 71-Z411-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of cowling, at zones 411/412/413/421/422/423, within a touching distance of the items examined.
- (3) The function of the external visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection area	

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cowling

H. Preparation

SUBTASK 841-002-A

- (1) Put the ladder in position.

I. External General Visual Inspection ([Figure 601](#))

SUBTASK 212-002-A

- (1) Examine the zone for nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment ([Figure 601](#)).
- (2) Examine the fan assembly and fan blades for nicks, cracks, dents, loosen bolts/rivets, erosion, corrosion, and foreign objects ([Figure 601](#)).



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J. Follow-on

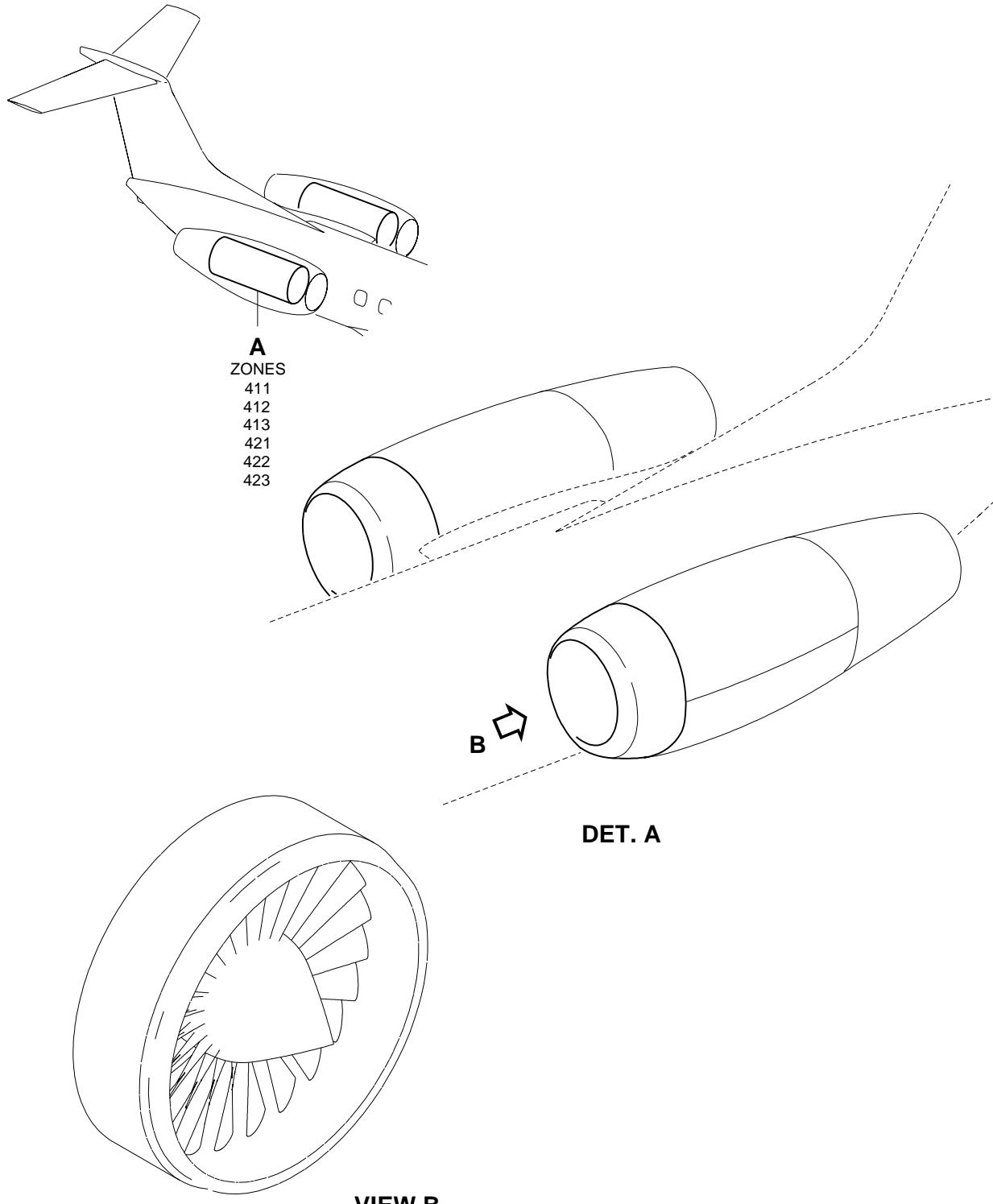
SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

Power Plant - External General Visual Inspection

Figure 601



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