



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

FLAP TRACKS - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to clean the flap tracks in the inboard flap, outboard flap, and wing.
- 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
20-20-03-100-801-A	FLAP TRACKS - CLEANING	ALL



AIRCRAFT MAINTENANCE MANUAL

TASK 20-20-03-100-801-A

EFFECTIVITY: ALL

2. FLAP TRACKS - CLEANING

A. General

- (1) This task gives the procedures to clean all flap tracks.
- (2) The flap tracks are made of titanium. Chemical products which contain chlorinated solvent can damage the parts.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Safety Goggles	Eye Protection	1
Commercially available	Paper Respirator	Respiration Protection	1
Commercially available	Rubber Gloves	Skin Protection	1
Commercially available	Cloth, Lint-Free	Aircraft Cleaning	AR

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
TT-I-735	Isopropyl Alcohol	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Wing trailing edge



I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Energize the aircraft with External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

WARNING: • **MAKE SURE THAT THERE ARE NO PERSONS AND/OR EQUIPMENT IN THE FLAP TRAVEL AREA.**

• **MAKE SURE THAT THE INBOARD-FLAP LOWER SHROUD IS CLOSED.**

- (3) Set the flaps to the 45-degree position.

- (4) Deenergize the aircraft.

J. Cleaning of the Flap Tracks ([Figure 701](#))

SUBTASK 110-002-A

CAUTION: DO NOT USE ANY CHEMICAL PRODUCTS WHICH CONTAIN CHLORINATED SOLVENT.

- (1) See that the flap tracks are dirty.

- (2) If necessary, clean tracks 1 to 10 of the LH and RH wings, as shown in Figure 701. Use a lint-free cloth moist with Isopropyl Alcohol.

K. Follow-on

SUBTASK 842-002-A

- (1) Energize the aircraft with External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

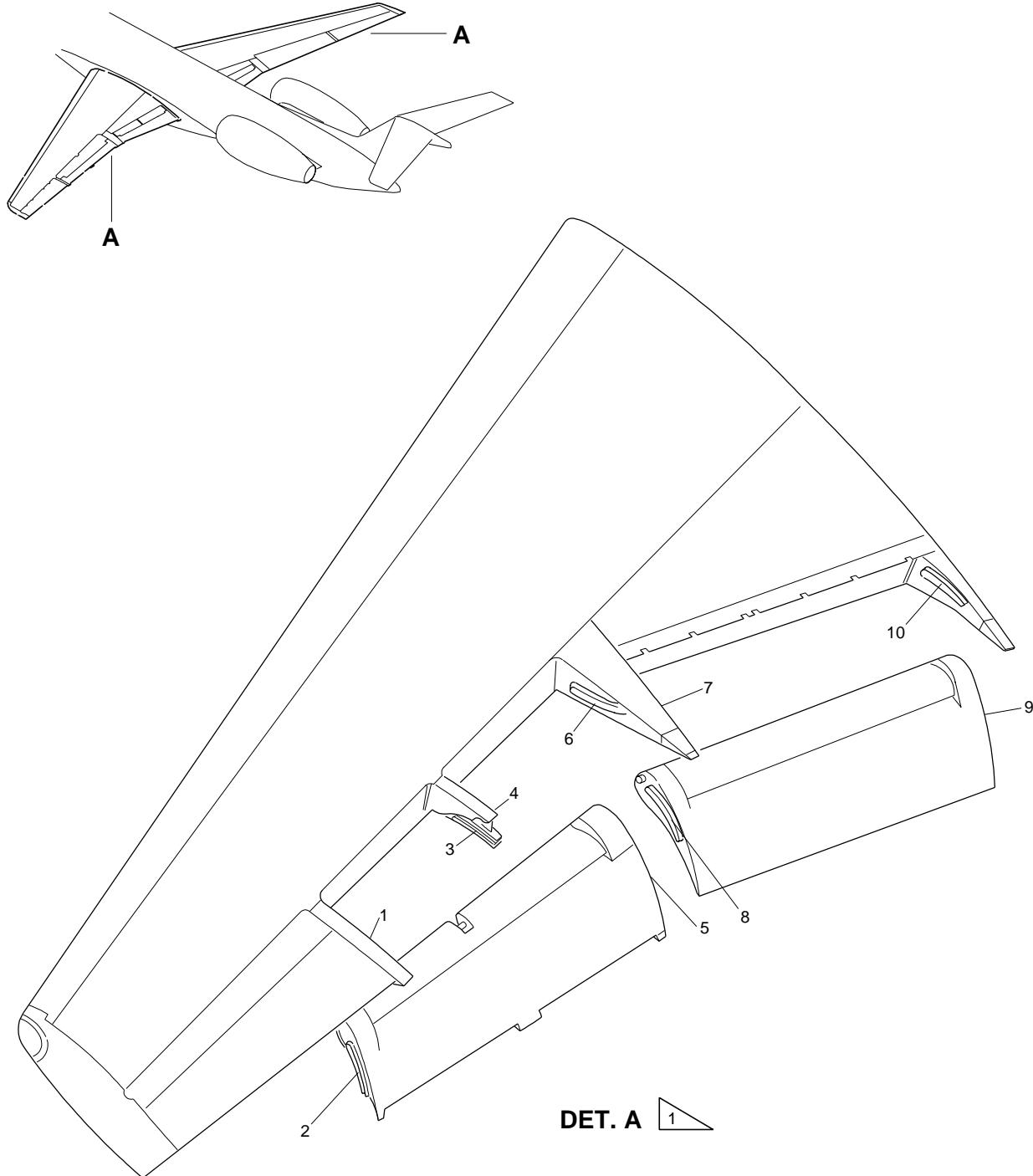
WARNING: • **MAKE SURE THAT THERE ARE NO PERSONS AND/OR EQUIPMENT IN THE FLAP TRAVEL AREA.**

• **MAKE SURE THAT THE INBOARD-FLAP LOWER SHROUD IS CLOSED.**

- (2) Set the flaps to the zero-degree position.

- (3) Deenergize the aircraft.

EFFECTIVITY: ALL
Flap Tracks - Location
Figure 701



 DO NOT APPLY GREASE ON THE SURFACE OF THE TRACKS.
MAKE SURE THAT THE SURFACE OF THE TRACKS IS CLEAN.

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