

## CONTROL YOKE - REPAIR

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to repair cracks in the control yoke.
- B. You can repair a cracked control yoke if the exposure of fibers only started. This is its maximum permitted damage.
- 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
<a href="#">27-11-08-300-801-A</a>	CONTROL YOKE - REPAIR	ALL

TASK 27-11-08-300-801-A

EFFECTIVITY: ALL

## 2. CONTROL YOKE - REPAIR

### A. General

(1) This task gives the procedures to repair a cracked control yoke.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 27-11-09-000-801-A/400</a>	KNURLED ANTI-SLIP RUBBER STRIP - REMOVAL
<a href="#">AMM TASK 27-11-09-400-801-A/400</a>	KNURLED ANTI-SLIP RUBBER STRIP - INSTALLATION
CPM 51-21-04	-
CPM 51-21-05	-
SRM 51-71-05	-
SRM 51-71-11	-

### C. Zones and Accesses

Not Applicable

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Acrylic Spatula	To clean the surface and remove the sealant	AR
Commercially available	Sandpaper, 320-400 grit	To remove the paint	AR

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MEP 22-011	Resin Epocast 50A1/ 9816	AR
ASTM-D-740	Methyl Ethyl Ketone (MEK)	AR
MIL C-9084	Type 7781 - Fiberglass Fabric	AR
MIL-S-22473, Grade N	Primer	AR

### G. Expandable Parts

Not Applicable

H. Persons Recommended

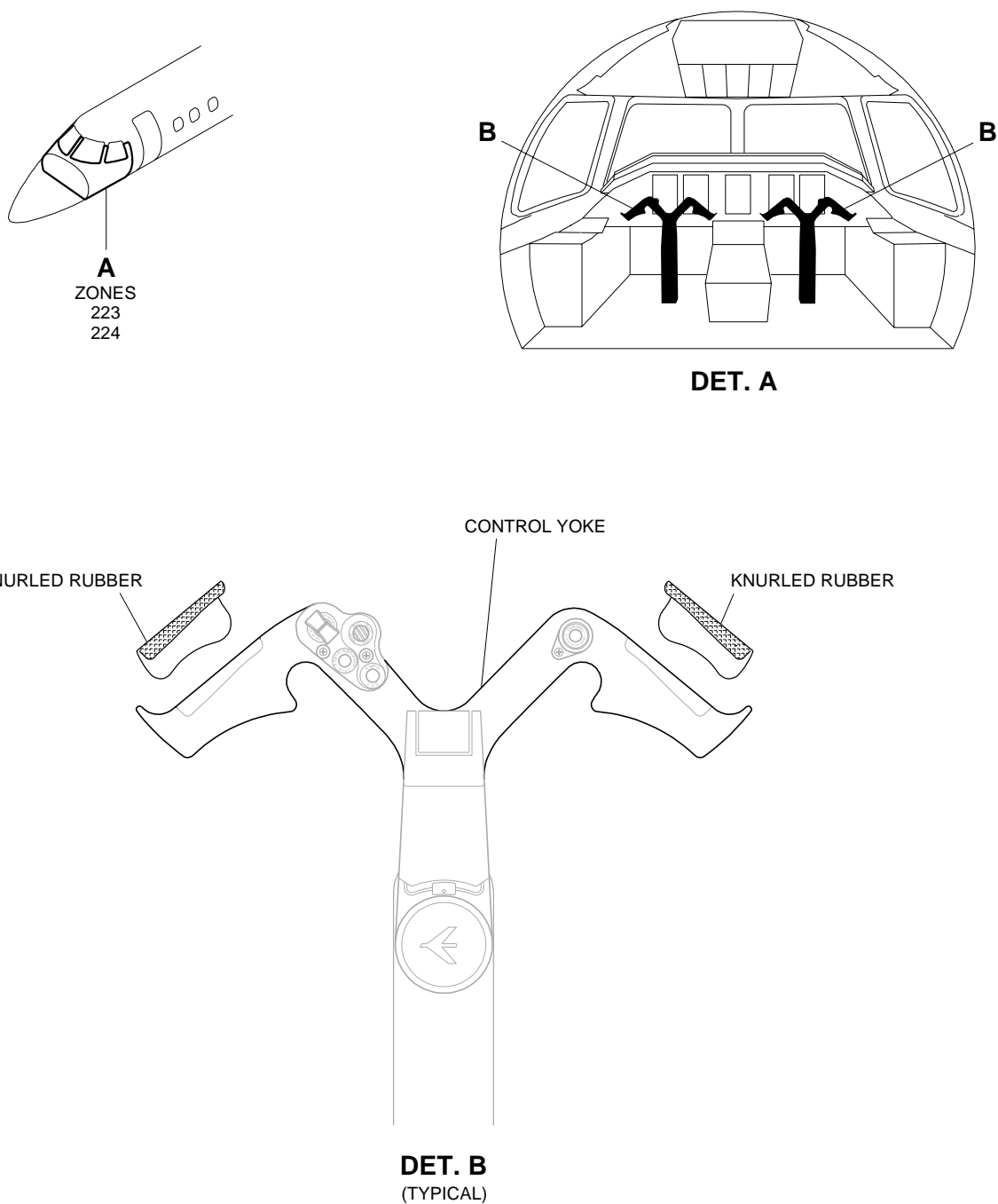
QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Repair (Figure 801)

SUBTASK 340-002-A

- (1) Clean the repair area to remove unwanted residues (SRM 51-71-05).
- (2) Remove the knurled rubber from the grip. Refer to [AMM TASK 27-11-09-000-801-A/400](#).
- (3) Grind away the damaged resin compound and remove the damage fully.  
NOTE: Grind down only until the fiber exposure starts.
- (4) Apply Epocast 50A1/9816 resin with 15 to 30% of chopped fiberglass on the blended-out area.
- (5) Let the compound cure fully (SRM 51-71-11).
- (6) Grind the reworked area to a smooth finish, and make the original shape again.
- (7) Apply epoxy primer to the repair parts and reworked areas. Refer to CPM 51-21-05.
- (8) Paint the reworked area and the reworked parts. Refer to CPM 51-21-04.
- (9) Install the knurled rubber or replace it with a new one. Refer to [AMM TASK 27-11-09-400-801-A/400](#).

EFFECTIVITY: ALL  
Control Yoke - Repair  
Figure 801



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