



AIRCRAFT MAINTENANCE MANUAL

CREW OXYGEN MASK - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the Crew Oxygen Mask.
- 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
35-10-10-000-801-A	CREW OXYGEN MASK - REMOVAL	ALL
35-10-10-400-801-A	CREW OXYGEN MASK - INSTALLATION	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 35-10-10-000-801-A

EFFECTIVITY: ALL

2. CREW OXYGEN MASK - REMOVAL

A. General

- (1) This task gives the procedure to remove the Crew Oxygen Mask.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 35-10-00-910-801-A/200	-
S.B.145-25-0072	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232	224PZ	Attendant's wardrobe
224	224QZ	Cockpit

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 (RH lateral console, LH lateral console, and RH aft console)

I. Preparation

SUBTASK 841-002-A

- (1) Obey the safety precautions (AMM TASK 35-10-00-910-801-A/200).
- (2) Remove access panel 224PZ for aircraft PRE-MOD. S.B.145-25-0072 or 224QZ for aircraft POST-MOD. S.B. 145-25-0072 (AMM MPP 06-41-03/100).
- (3) Close the Pressure Cylinder Regulator.



AIRCRAFT MAINTENANCE MANUAL

J. Removal (Figure 401) (Figure 402)

SUBTASK 020-002-A

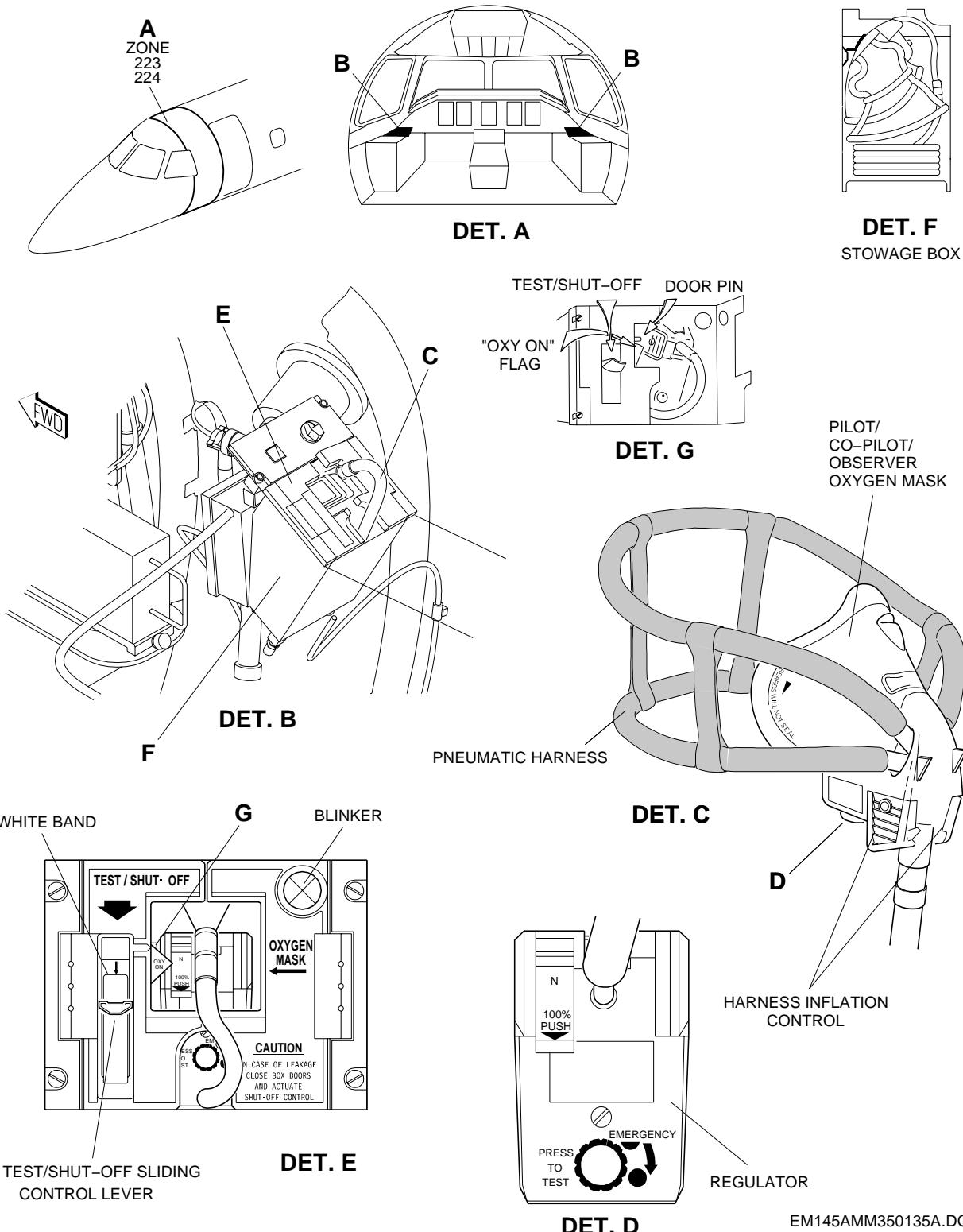
NOTE: This procedure is applicable to the pilot, co-pilot, and observer oxygen masks, as applicable.

- (1) Push the test/reset button of the stowage box assembly to bleed the oxygen lines.
- (2) Open the right and left lids.
- (3) Pull the mask fully out of the stowage box assembly.
- (4) Disconnect the mask and demand regulator from the microphone and oxygen hose fitting.

EFFECTIVITY: AIRCRAFT WITH "EROS" OXYGEN MASK

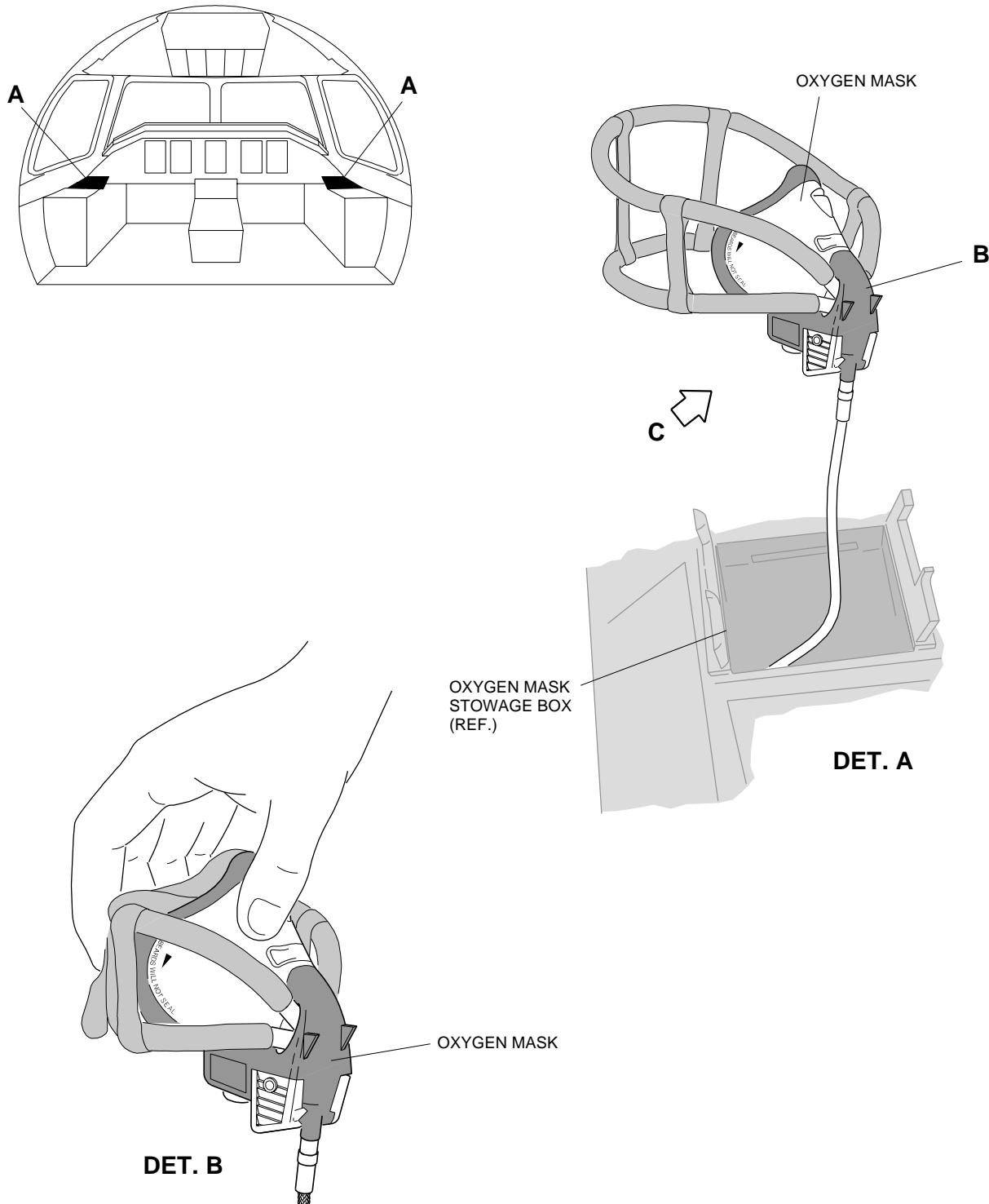
Crew Oxygen Mask - Removal/Installation

Figure 401 - Sheet 1



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EFFECTIVITY: AIRCRAFT WITH "EROS" OXYGEN MASK
Crew Oxygen Mask - Removal/Installation
Figure 401 - Sheet 2

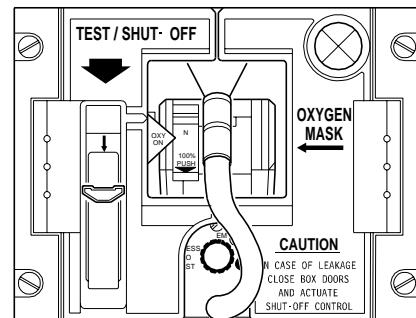
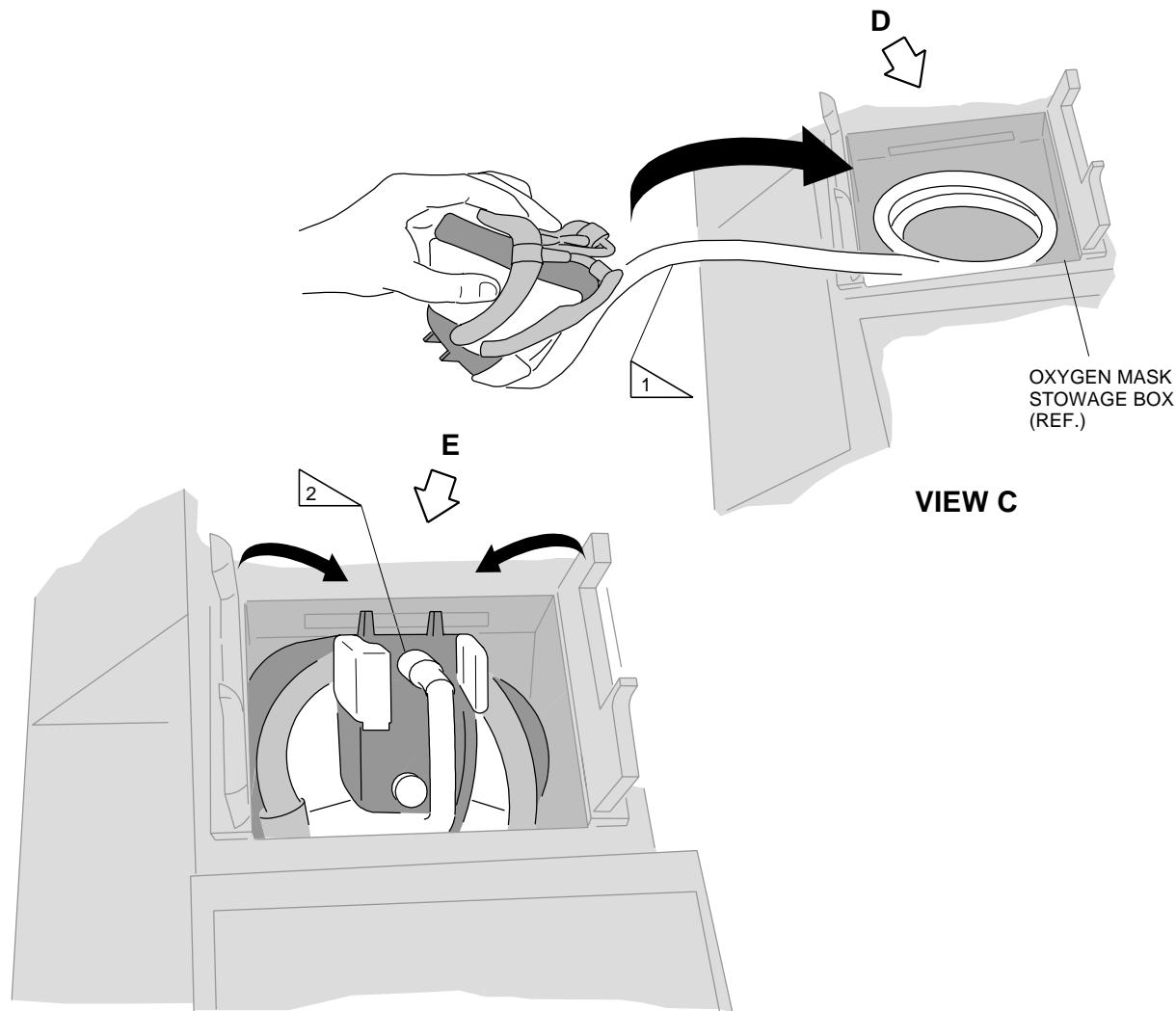


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EFFECTIVITY: AIRCRAFT WITH "EROS" OXYGEN MASK

Crew Oxygen Mask - Removal/Installation

Figure 401 - Sheet 3



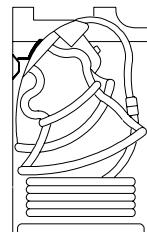
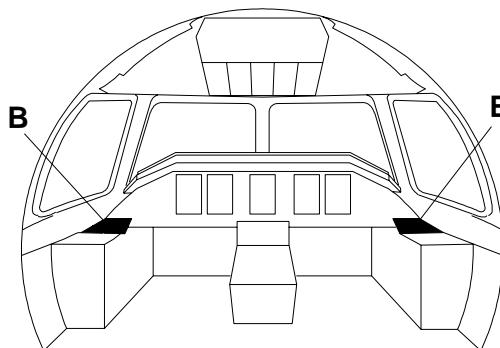
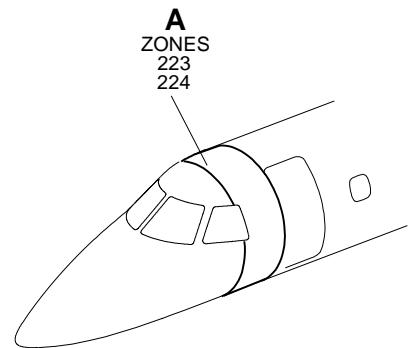
1 THE OXYGEN-MASK PNEUMATIC HARNESS MUST NOT HAVE KINKS OR TWISTS IN THE STOWAGE BOX.

2 CENTER SIDE OF THE STOWAGE BOX

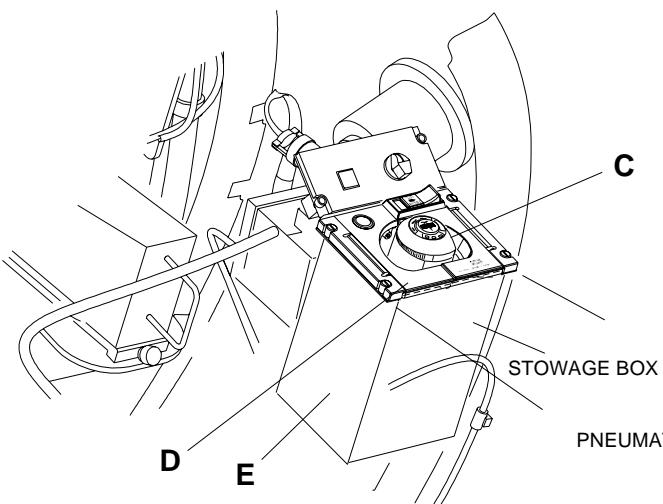
VIEW E

EM145AMM350386A.DGN

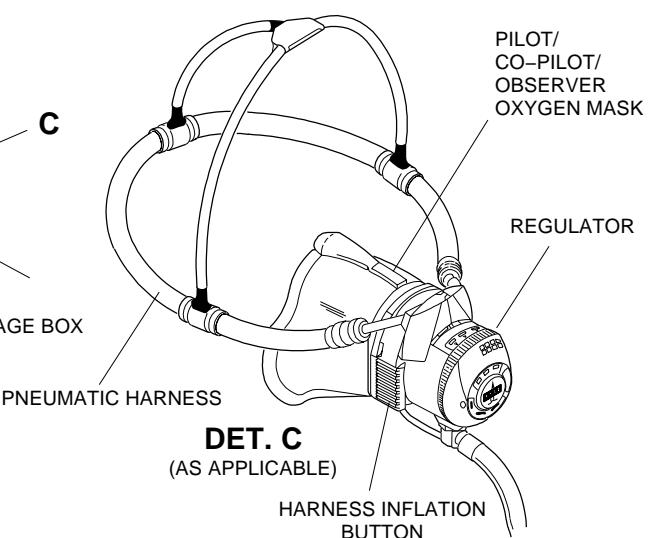
EFFECTIVITY: AIRCRAFT WITH "PURITAN" AND "B/E AEROSPACE" OXYGEN MASK
 Crew Oxygen Mask - Removal/Installation
 Figure 402 - Sheet 1



DET. E
STOWAGE BOX



DET. B

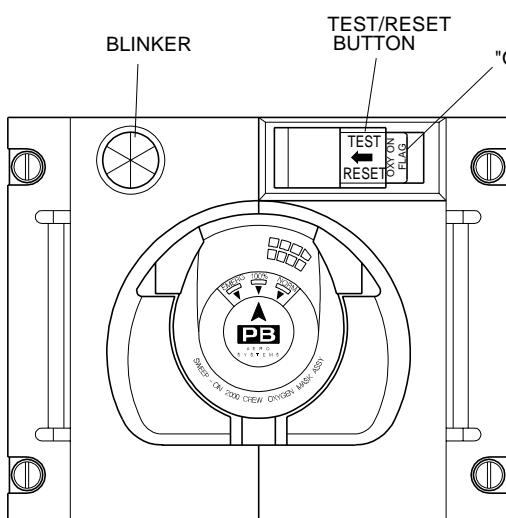


DET. C
(AS APPLICABLE)

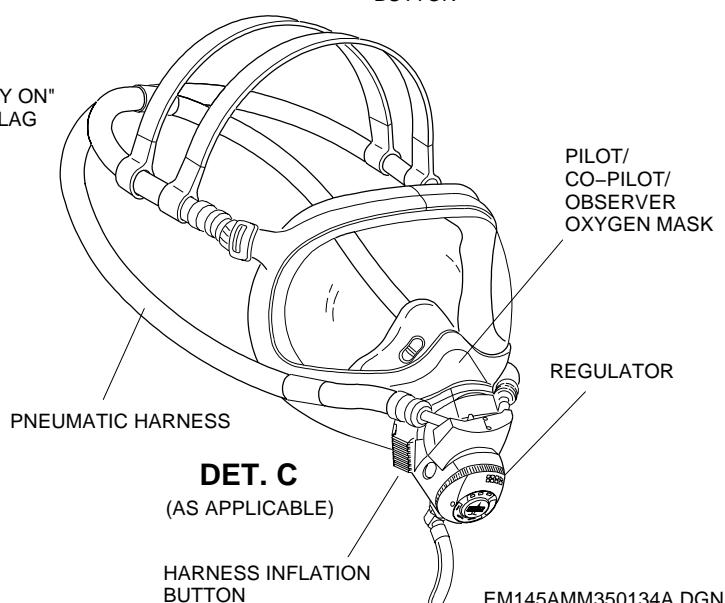
PILOT/
CO-PILOT/
OBSERVER
OXYGEN MASK

REGULATOR

Harness Inflation
Button



DET. D



DET. C
(AS APPLICABLE)

PILOT/
CO-PILOT/
OBSERVER
OXYGEN MASK

REGULATOR

PNEUMATIC HARNESS

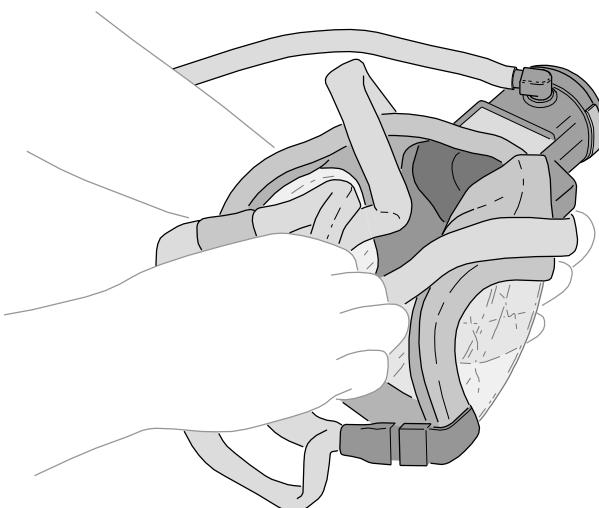
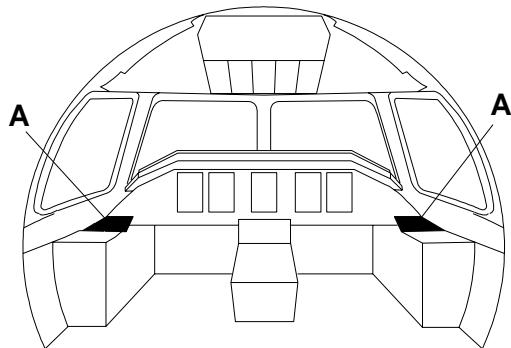
Harness Inflation
Button

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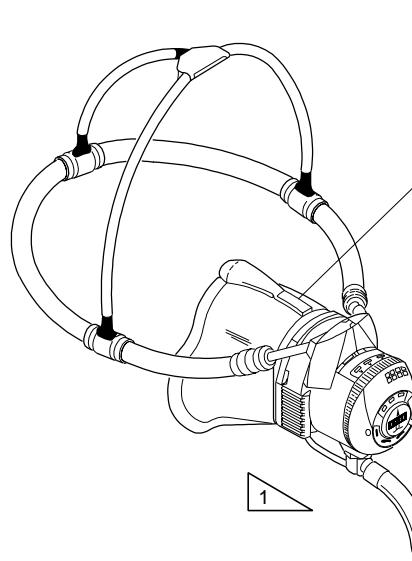
EFFECTIVITY: AIRCRAFT WITH "PURITAN" AND "B/E AEROSPACE" OXYGEN MASK

Crew Oxygen Mask - Removal/Installation

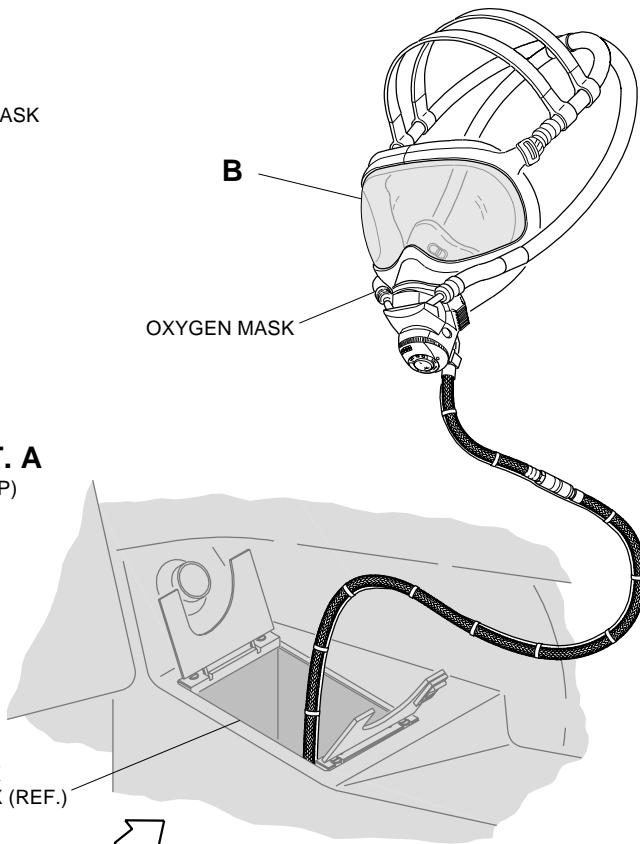
Figure 402 - Sheet 2



DET. B



**DET. A
(TYP)**



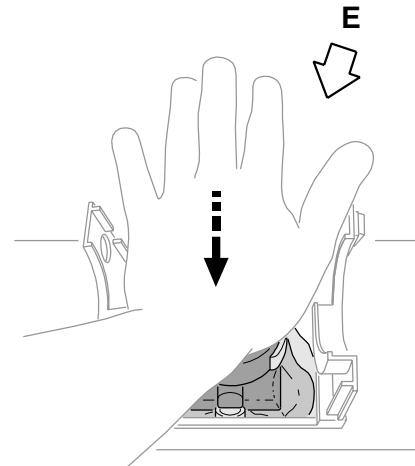
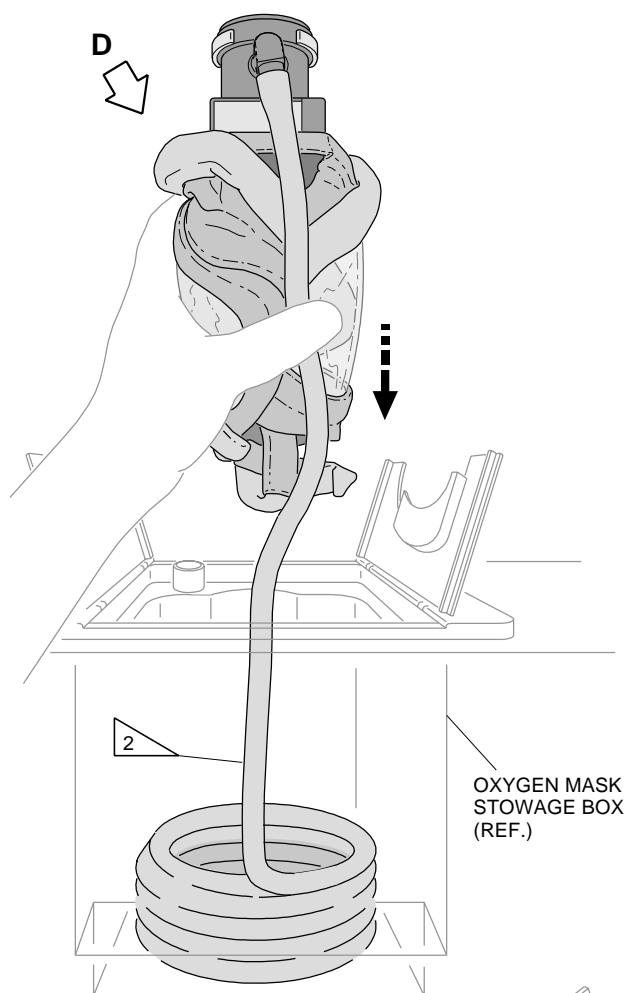
 IF APPLICABLE TO THE AIRCRAFT CONFIGURATION

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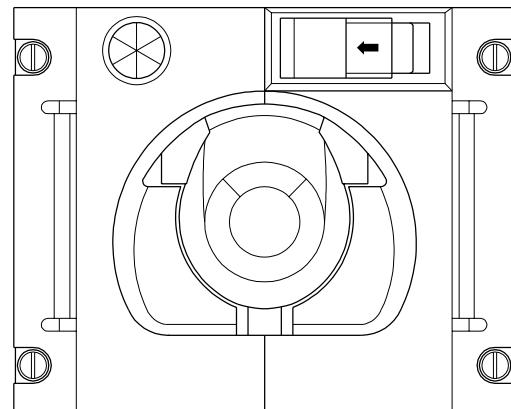
EFFECTIVITY: AIRCRAFT WITH "PURITAN" AND "B/E AEROSPACE" OXYGEN MASK

Crew Oxygen Mask - Removal/Installation

Figure 402 - Sheet 3

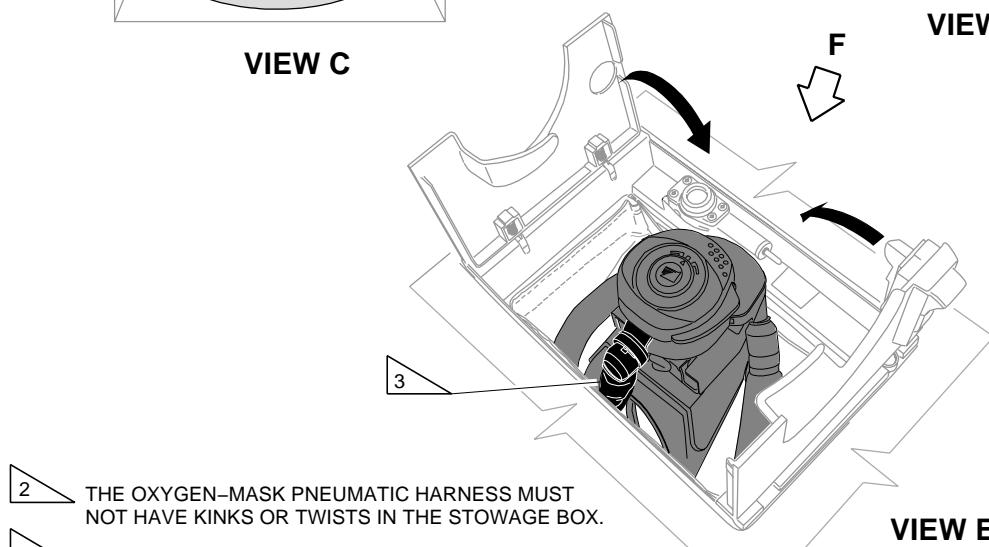


VIEW D



VIEW C

VIEW F



VIEW E

EM145AMM350384A.DGN

TASK 35-10-10-400-801-A
EFFECTIVITY: ALL
3. CREW OXYGEN MASK - INSTALLATION
A. General

- (1) This task gives the procedure to install the Crew Oxygen Mask.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 35-10-00-700-801-A/500	CREW OXYGEN MASK - OPERATIONAL CHECK
AMM TASK 35-10-00-910-801-A/200	-
S.B.145-25-0072	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
232	224PZ	Attendant's wardrobe
224	224QZ	Cockpit

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Cockpit (RH lateral console, LH lateral console, and RH aft console)

I. Installation (Figure 401) (Figure 402)
SUBTASK 420-002-A

NOTE: This procedure is applicable to the pilot, co-pilot, and observer oxygen masks, as applicable.

- (1) Obey the safety precautions (AMM TASK 35-10-00-910-801-A/200).
- (2) Open the right and left lids to connect the crew oxygen mask microphone connector and oxygen hose connector to the stowage box.

- (3) Make sure that the pneumatic harness is not twisted.
- (4) Hold the crew oxygen mask regulator and its pneumatic harness.
- (5) Wind the supply hose into a coil on the bottom of the stowage box.
NOTE: Make sure that the microphone wire and the oxygen hose are not twisted.
- (6) Put the pneumatic harness into the stowage box.
NOTE: Make sure that the pneumatic harness does not interfere with the mask retainers.
- (7) Put the crew mask into the stowage box.
NOTE: Push the mask down until it stops at the mask retainers.
- (8) (AIRCRAFT WITH "EROS" OXYGEN MASK) Do as follows:
 - (a) Make sure that the tab in the front of the crew oxygen mask is on the top of the plastic stop in the stowage box assembly and the supply hose is at the center of the stowage box.
 - (b) Close the left lid of the stowage box.
 - (c) Push the test/reset button of the stowage box assembly and make sure that the "OXY ON" flag cannot be seen.
 - (d) Insert the door pin in the hole of the red plate. Refer to (Figure 401), DET. G.
 - (e) Close the right lid of the stowage box.
- (9) (AIRCRAFT WITH "PURITAN" AND "B/E AEROSPACE" OXYGEN MASK) Do as follows:
 1. Make sure that the mask regulator is at the center of the stowage box.
 2. Close the lids of the stowage box.
 3. Push the test/reset button of the stowage box assembly if the "OXY ON" flag is visible.

J. Follow-on

SUBTASK 842-002-A

- (1) Open the Pressure Cylinder Regulator.
- (2) Install access panel 224PZ for aircraft PRE-MOD. S.B.145-25-0072 or 224QZ for aircraft POST-MOD. S.B. 145-25-0072 ([AMM MPP 06-41-03/100](#)).
- (3) Do the Crew Oxygen Mask - Operational Check ([AMM TASK 35-10-00-700-801-A/500](#)).

