



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

LH/RH LATERAL CONSOLES - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove and install the LH/RH lateral consoles.
- 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
25-12-10-000-801-A	COCKPIT LH/RH LATERAL CONSOLES - REMOVAL	ACFT MODEL(S) EMB-145
25-12-10-400-801-A	COCKPIT LH/RH LATERAL CONSOLES - INSTALLATION	ACFT MODEL(S) EMB-145



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 25-12-10-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. COCKPIT LH/RH LATERAL CONSOLES - REMOVAL

A. General

- (1) This task gives the procedure to remove the LH/RH lateral consoles.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-13-10-000-801-A/400	CONTROL PANELS - REMOVAL (TYPICAL)
AMM TASK 21-32-01-000-801-A/400	CABIN-PRESSURE ACQUISITION MODULE - REMOVAL
AMM TASK 25-12-08-000-801-A/400	-
AMM TASK 32-50-01-000-801-A/400	STEERING HANDLE WHEEL - REMOVAL
AMM TASK 34-61-03-000-801-A/400	DATA LOADER - REMOVAL
AMM TASK 35-10-09-000-801-A/400	CREW-MASK STOWAGE BOX - REMOVAL

C. Zones and Accesses

Not Applicable

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	LH/RH Cockpit

I. Preparation

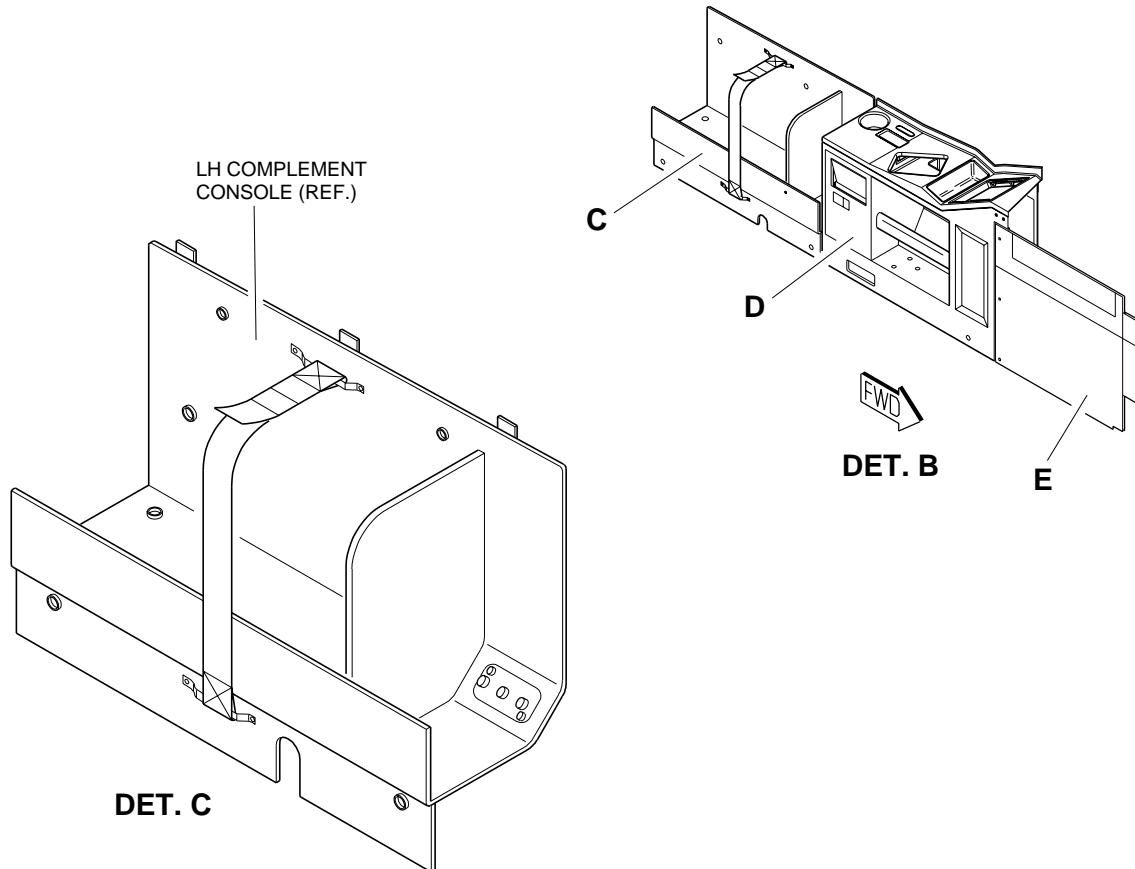
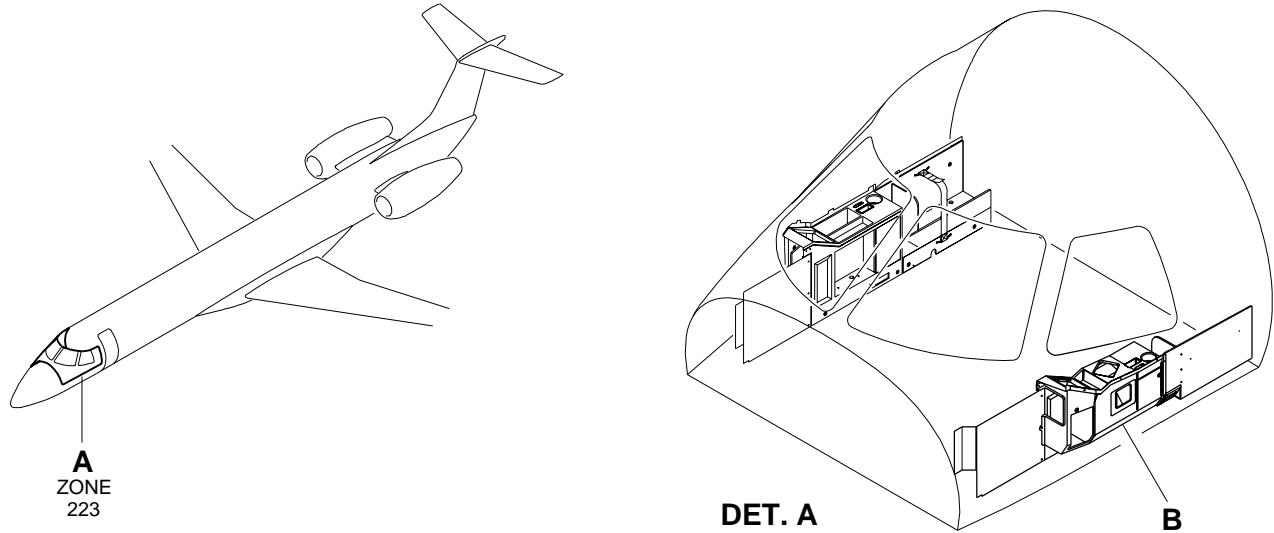
SUBTASK 841-006-B

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
- PAX OXY DEPLOY 1 circuit breaker (Location tip: ESSENTIAL DC BUS 1 / MISCELLANEOUS/PASS OXY DEPLOY 1).
 - PAX OXY DEPLOY 2 circuit breaker (Location tip: ESSENTIAL DC BUS 2 / COMM/PASS OXY DEPLOY 2).

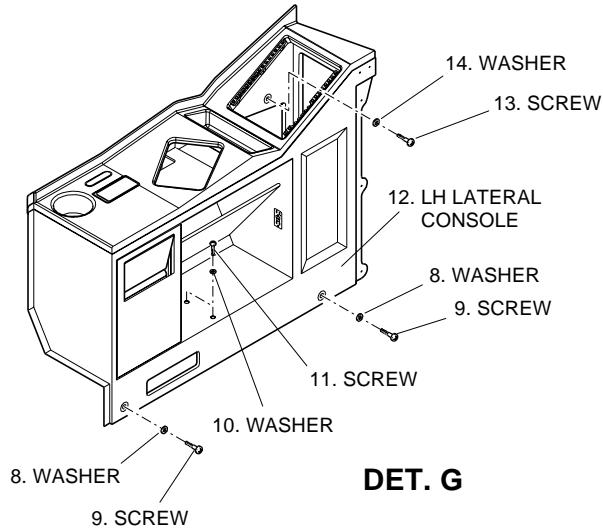
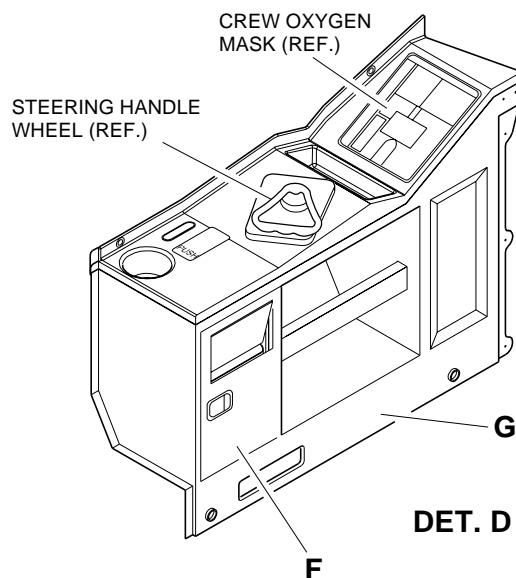
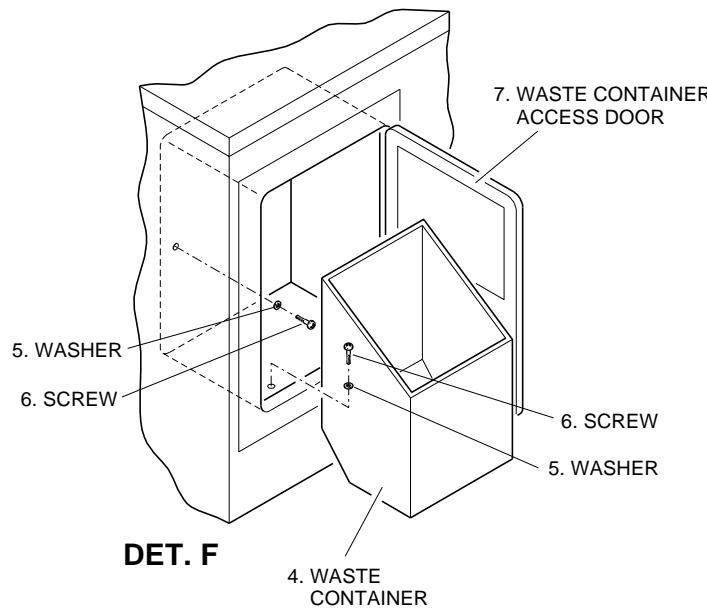
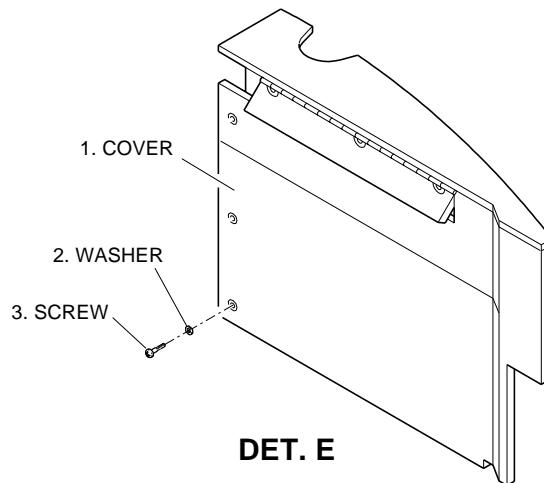
- (c) STEER circuit breaker (Location tip: DC BUS 2/LDG GEAR/STEER).
 - (2) Remove the oxygen control panel ([AMM TASK 20-13-10-000-801-A/400](#)).
 - (3) Remove the LH/RH complement consoles (AMM TASK 25-12-08-000-801-A/400).
 - (4) Remove the crew oxygen mask ([AMM TASK 35-10-09-000-801-A/400](#)).
- J. Removal ([Figure 401](#)) ([Figure 402](#)) ([Figure 403](#))
- SUBTASK 020-006-B**
- (1) Remove the LH lateral console (refer to Figure 401, sheets 1 and 2) as follows:
 - (a) Remove the steering handle wheel ([AMM TASK 32-50-01-000-801-A/400](#)).
 - (b) Remove the data loader ([AMM TASK 34-61-03-000-801-A/400](#)), if applicable.
 - (c) Open the waste container access door (7).
 - (d) Remove the waste container (4).
 - (e) In the waste compartment, remove the screws (6) and washers (5). Refer to DET. F.
 - (f) Remove the screws (3) and washers (2) that attach the cover (1). Refer to DET. E.
 - (g) In the crew oxygen mask compartment, remove the screws (13) and washers (14) that attach the LH lateral console (12). Refer to DET. G.
 - (h) Remove the screws (11) and washers (10) that attach the LH lateral console (12). Refer to DET. G.
 - (i) Remove the screws (9) and washers (8) that attach the LH lateral console (12). Refer to DET. G.
 - (j) Remove the LH lateral console (12).
 - (2) For aircraft without cockpit 12 V DC electrical outlet, remove the RH lateral console (refer to Figure 402, sheets 1 and 2) as follows:
 - (a) Open the waste container access door (5). Refer to DET. F.
 - (b) Remove the waste container (4).
 - (c) In the waste compartment, remove the screws (7) and washers (6). Refer to DET. F.
 - (d) Remove the screws (3) and washers (2) that attach the cover (1). Refer to DET. E.
 - (e) Remove the cabin pressure acquisition module ([AMM TASK 21-32-01-000-801-A/400](#)).
 - (f) In the crew oxygen mask compartment, remove the screws (9) and washers (8) that attach the RH lateral console (12). Refer to DET. G.

- (g) Remove the screws (10) and washers (11) that attach the RH lateral console (12). Refer to DET. G.
 - (h) Remove the RH lateral console (12).
- (3) For aircraft with cockpit 12 V DC electrical outlet, remove the RH lateral console (refer to Figure 403, sheets 1 and 2) as follows:
- (a) Open the waste container access door (5). Refer to DET. F.
 - (b) Remove the waste container (4).
 - (c) In the waste compartment, remove the screws (7) and washers (6). Refer to DET. F.
 - (d) Remove the screws (3) and washers (2) that attach the cover (1). Refer to DET. E.
 - (e) Remove the cabin pressure acquisition module ([AMM TASK 21-32-01-000-801-A/400](#)).
 - (f) In the crew oxygen mask compartment, for aircraft with cockpit 12 V DC electrical outlet (14), disconnect the splices (13) from it. Refer to DET. H.
 - (g) In the crew oxygen mask compartment, remove the screws (9) and washers (8) that attach the RH lateral console (12). Refer to DET. G.
 - (h) Remove the screws (10) and washers (11) that attach the RH lateral console (12). Refer to DET. G.
 - (i) Remove the RH lateral console (12).

EFFECTIVITY: ACFT MODEL(S) EMB-145
LH Lateral Console - Removal/Installation
Figure 401 - Sheet 1

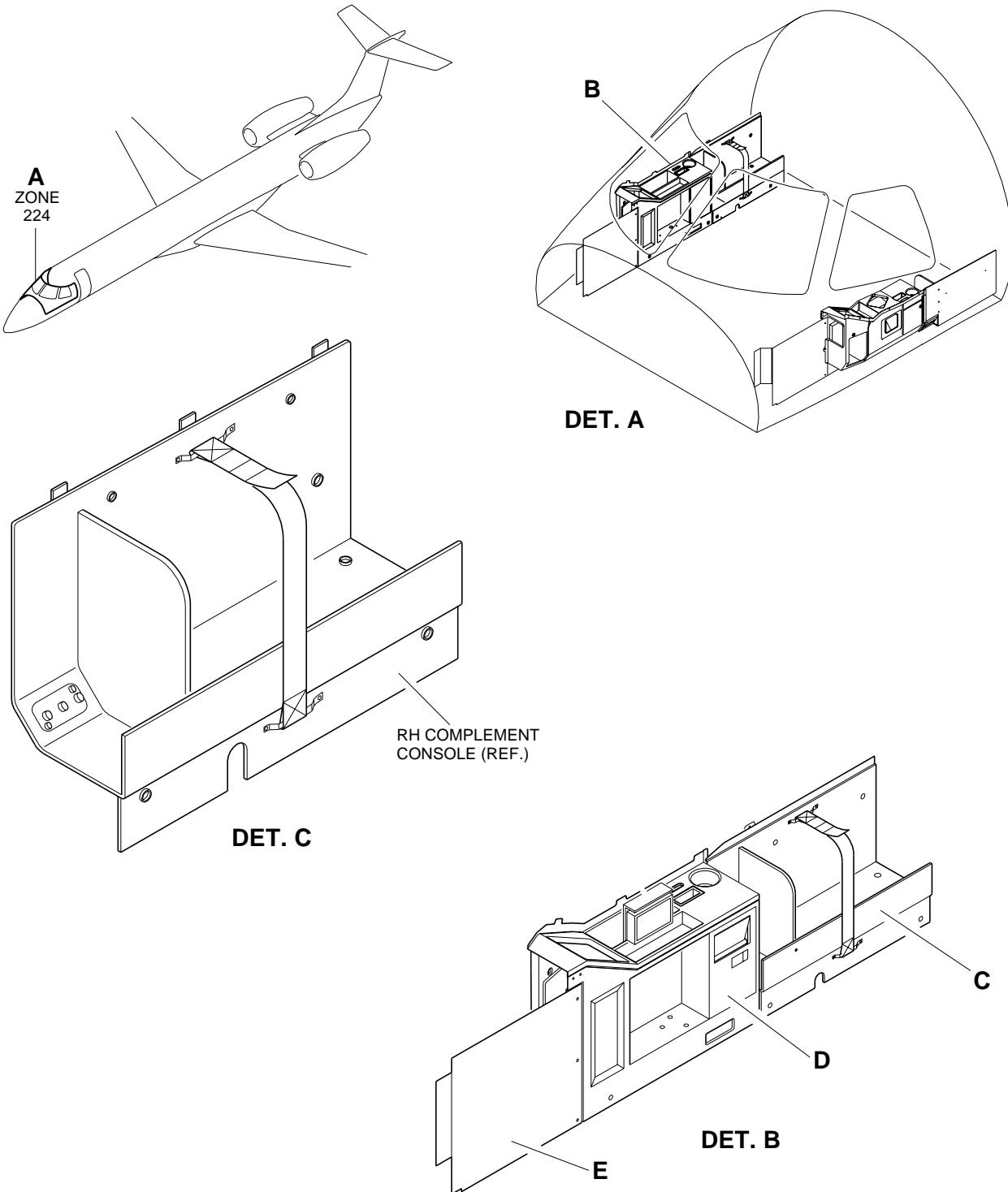


145AMM250802.MCE

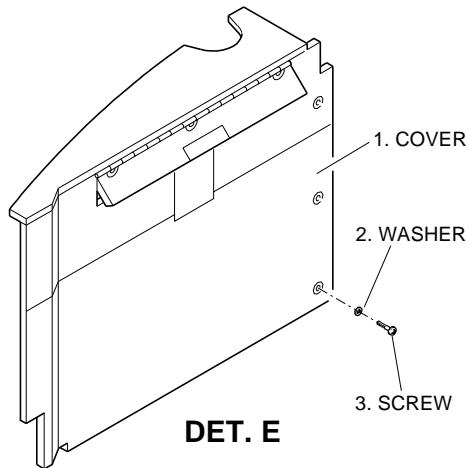
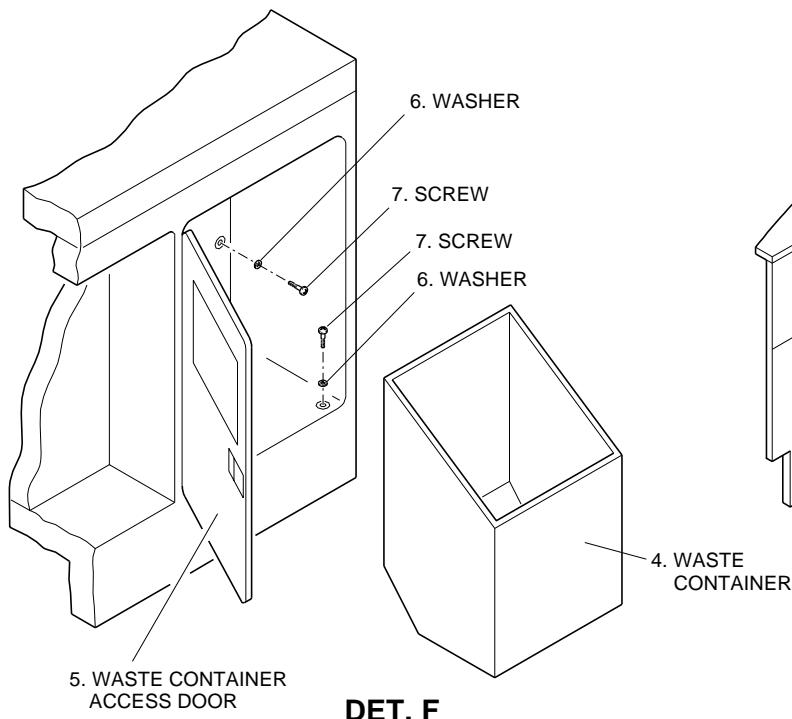
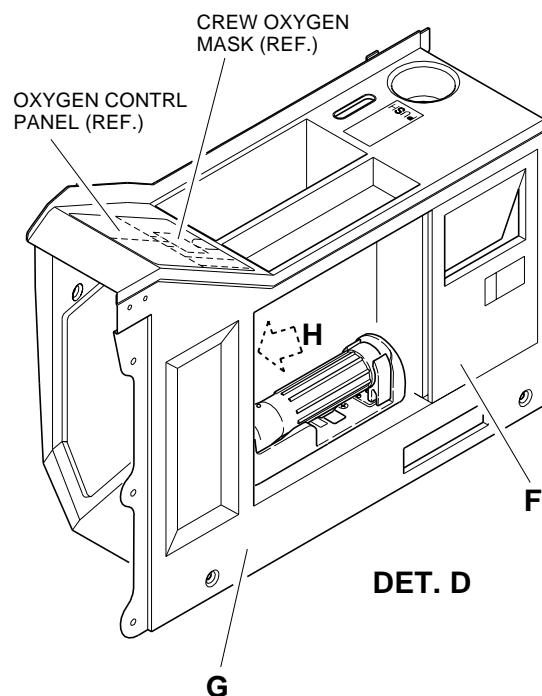
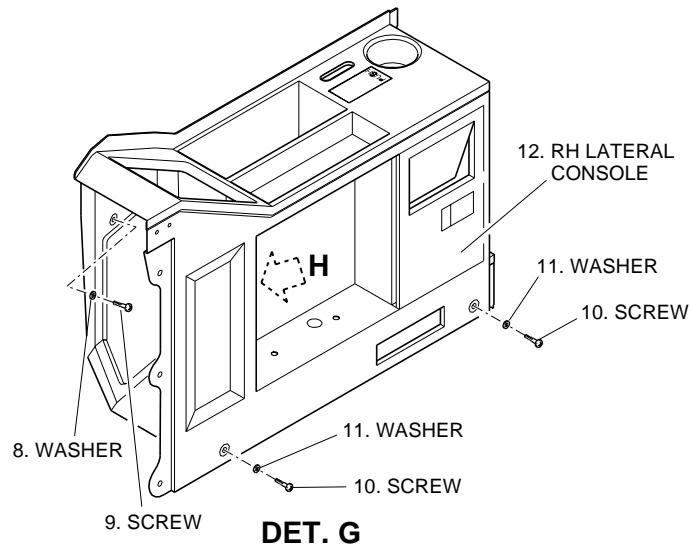
EFFECTIVITY: ACFT MODEL(S) EMB-145
LH Lateral Console - Removal/Installation
Figure 401 - Sheet 2

DET. G

DET. D

DET. F

DET. E

EM145AMM253370A.DGN

EFFECTIVITY: FOR AIRCRAFT WITHOUT COCKPIT 12 V DC ELECTRICAL OUTLET
RH Lateral Console - Removal/Installation
Figure 402 - Sheet 1



EM145AMM253470A.DGN

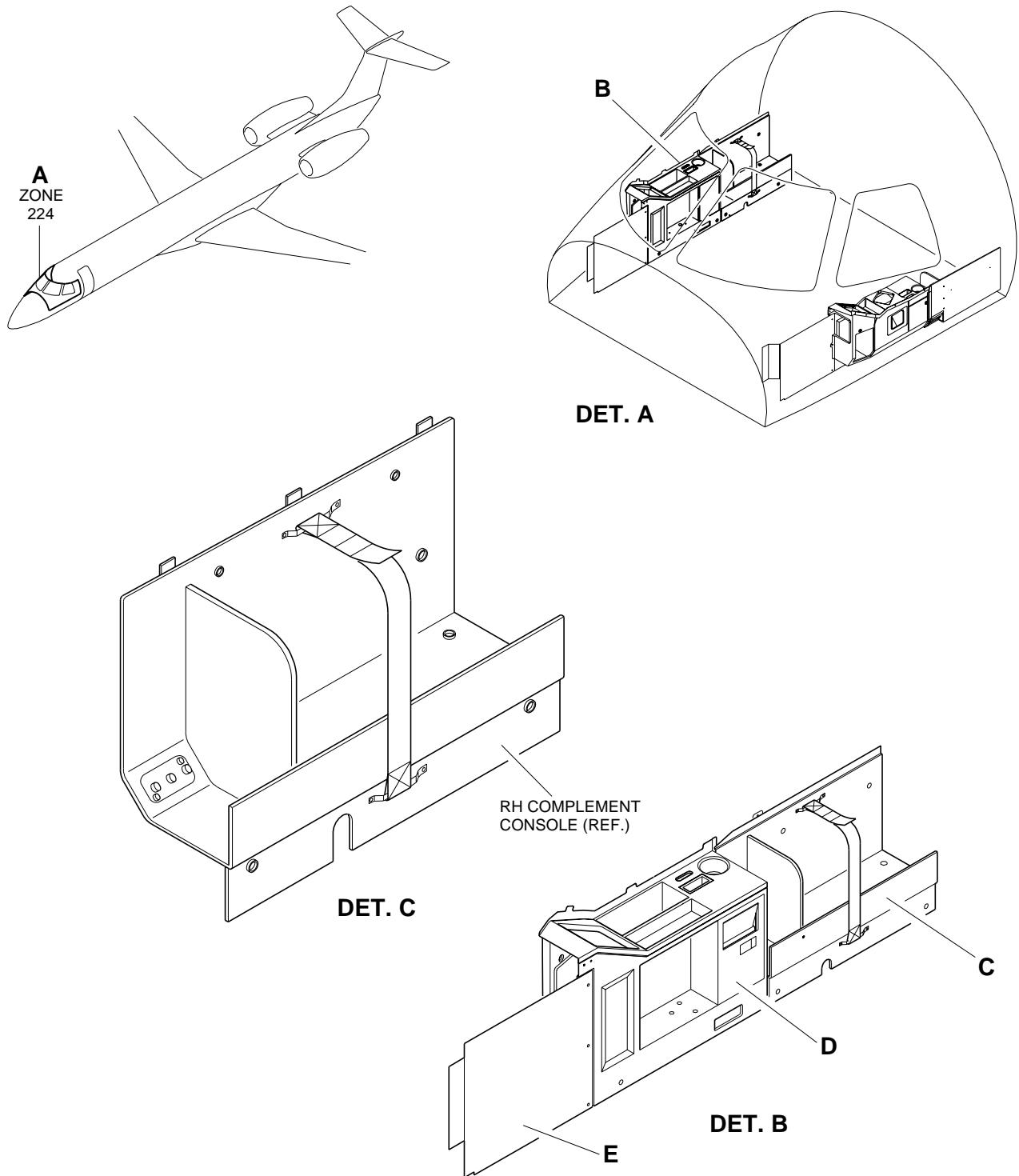
EFFECTIVITY: FOR AIRCRAFT WITHOUT COCKPIT 12 V DC ELECTRICAL OUTLET
RH Lateral Console - Removal/Installation
Figure 402 - Sheet 2


EM145AMM253371A.DGN

EFFECTIVITY: FOR AIRCRAFT WITH COCKPIT 12 V DC ELECTRICAL OUTLET

RH Lateral Console - Removal/Installation

Figure 403 - Sheet 1

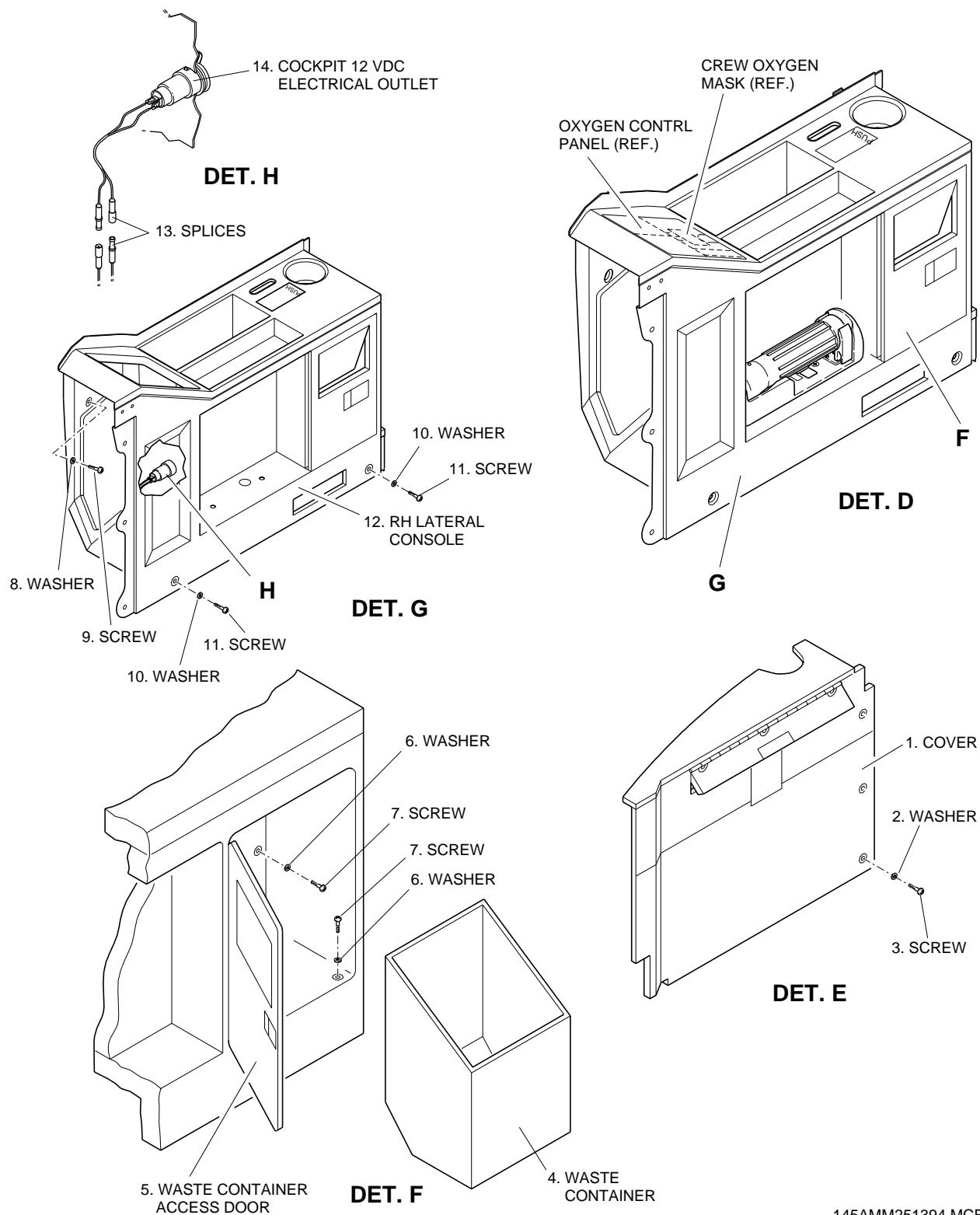


145AMM252471.MCE

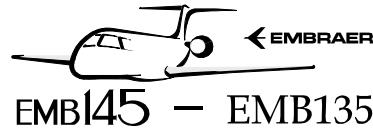
EFFECTIVITY: FOR AIRCRAFT WITH COCKPIT 12 V DC ELECTRICAL OUTLET

RH Lateral Console - Removal/Installation

Figure 403 - Sheet 2



145AMM251394.MCE



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 25-12-10-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. COCKPIT LH/RH LATERAL CONSOLES - INSTALLATION

A. General

(1) This task gives the procedure to install the LH/RH lateral consoles.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-13-10-400-801-A/400	CONTROL PANELS - INSTALLATION (TYPICAL)
AMM TASK 21-32-01-400-801-A/400	CABIN-PRESSURE ACQUISITION MODULE - INSTALLATION
AMM TASK 21-32-01-700-801-A/500	CABIN-PRESSURE ACQUISITION MODULE - FUNCTIONAL TEST
AMM TASK 25-12-08-400-801-A/400	-
AMM TASK 32-50-01-400-801-A/400	STEERING HANDLE WHEEL - INSTALLATION
AMM TASK 32-50-01-700-801-A/500	STEERING HANDLE WHEEL POTENTIOMETER - ADJUSTMENT
AMM TASK 34-61-00-470-801-A/200	NAVIGATION DATA BASE - LOADING
AMM TASK 34-61-03-400-801-A/400	DATA LOADER - INSTALLATION
AMM TASK 35-10-00-700-801-A/500	CREW OXYGEN MASK - OPERATIONAL CHECK
AMM TASK 35-10-09-400-801-A/400	CREW-MASK STOWAGE BOX - INSTALLATION

C. Zones and Accesses

Not Applicable

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	LH/RH Cockpit

I. Installation (Figure 401) (Figure 402) (Figure 403)

SUBTASK 420-006-B

(1) Install the LH lateral console (refer to Figure 401, sheets 1 and 2) as follows:

- (a) Put the LH lateral console (12) in its original position.
 - (b) Tighten the screws (9) and washers (8) that attach the LH lateral console (12). Refer to DET. G.
 - (c) Tighten the screws (11) and washers (10) that attach the LH lateral console (12). Refer to DET. G.
 - (d) In the crew oxygen mask compartment, tighten the screws (13) and washers (14) that attach the LH lateral console (12). Refer to DET. G.
 - (e) Install the cover (1) with washers (2) and screws (3). Refer to DET. E.
 - (f) In the waste compartment, tighten the screws (6) and washers (5). Refer to DET. F.
 - (g) Put the waste container (4) in its original position.
 - (h) Close the waste container access door (7).
 - (i) Install the steering handle wheel ([AMM TASK 32-50-01-400-801-A/400](#)).
 - (j) Install the data loader ([AMM TASK 34-61-03-400-801-A/400](#)), if applicable.
- (2) For aircraft without cockpit 12 V DC electrical outlet, install the RH lateral console (refer to Figure 402, sheets 1 and 2) as follows:
 - (a) Put the RH lateral console (12) in its original position.
 - (b) Tighten the screws (10) and washers (11) that attach the RH lateral console (12). Refer to DET. G.
 - (c) In the crew oxygen mask compartment, tighten the screws (10) and washers (11) that attach the RH lateral console (12). Refer to DET. G.
 - (d) Install the cabin pressure acquisition module ([AMM TASK 21-32-01-400-801-A/400](#)).
 - (e) Install the cover (1) with washers (2) and screws (3). Refer to DET. E.
 - (f) In the waste compartment, tighten the screws (7) and washers (6). Refer to DET. F.
 - (g) Put the waste container (4) in its original position. Refer to DET. F.
 - (h) Close the waste container access door (5).
 - (3) For aircraft with cockpit 12 V DC electrical outlet, install the RH lateral console (refer to Figure 403, sheets 1 and 2) as follows:
 - (a) Put the RH lateral console (12) in its original position.
 - (b) Tighten the screws (10) and washers (11) that attach the RH lateral console (12). Refer to DET. G.

- (c) In the crew oxygen mask compartment, tighten the screws (10) and washers (11) that attach the RH lateral console (12). Refer to DET. G.
- (d) In the crew oxygen mask compartment, for aircraft with cockpit 12 V DC electrical outlet (14), connect the splices (13) to it. Refer to DET. H.
- (e) Install the cabin pressure acquisition module ([AMM TASK 21-32-01-400-801-A/400](#)).
- (f) Install the cover (1) with washers (2) and screws (3). Refer to DET. E.
- (g) In the waste compartment, tighten the screws (7) and washers (6). Refer to DET. F.
- (h) Put the waste container (4) in its original position. Refer to DET. F.
- (i) Close the waste container access door (5).

J. Follow-on

SUBTASK 842-006-B

- (1) Install the oxygen control panel ([AMM TASK 20-13-10-400-801-A/400](#)).
- (2) Install the LH/RH complement consoles ([AMM TASK 25-12-08-400-801-A/400](#)).
- (3) Install the crew oxygen mask ([AMM TASK 35-10-09-400-801-A/400](#)).
- (4) On the circuit breaker panel, close the circuit breakers and remove the DO-NOT-CLOSE tags from them, as follows:
 - (a) PAX OXY DEPLOY 1 circuit breaker (Location tip: ESSENTIAL DC BUS 1/MISCELLANEOUS/PASS OXY DEPLOY 1).
 - (b) PAX OXY DEPLOY 2 circuit breaker (Location tip: ESSENTIAL DC BUS 2/COMM/PASS OXY DEPLOY 2).
 - (c) STEER circuit breaker (Location tip: DC BUS 2/LDG GEAR/STEER).
- (5) Do an operational test on the crew oxygen mask system ([AMM TASK 35-10-00-700-801-A/500](#)).
- (6) Do a functional test on the cabin pressure acquisition module ([AMM TASK 21-32-01-700-801-A/500](#)).
- (7) Do an operational test on the steering handle wheel system ([AMM TASK 32-50-01-700-801-A/500](#)).
- (8) Do the Navigation Database Loading ([AMM TASK 34-61-00-470-801-A/200](#)).

NOTE: The Navigation Database Loading process is necessary to operationally test the Data Loader component.

