



AIRCRAFT
MAINTENANCE MANUAL

LAVATORY DOME LIGHT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the lavatory dome-light lamp and the lavatory dome-light assembly.
- B. The lavatory dome light is installed in the lavatory ceiling and permits the illumination of the lavatory.
- 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
33-28-01-000-801-A	LAVATORY DOME-LIGHT LAMP - RE- MOVAL	ALL
33-28-01-400-801-A	LAVATORY DOME-LIGHT LAMP - INSTAL- LATION	ALL
33-28-01-000-802-A	LAVATORY DOME-LIGHT ASSEMBLY - REMOVAL	ALL
33-28-01-400-802-A	LAVATORY DOME-LIGHT ASSEMBLY - INSTALLATION	ALL



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TASK 33-28-01-000-801-A

EFFECTIVITY: ALL

2. LAVATORY DOME-LIGHT LAMP - REMOVAL

A. General

- (1) This task gives the procedure to remove the lavatory-dome light lamp.
- (2) On aircraft PRE-MOD. [S.B.145-25-0180](#), there are two lamps installed in the lavatory dome-light housing assembly, but only the lamp in reference must be replaced. The other lamp is not energized.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
S.B.145-25-0180	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272		Lavatory

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	Lavatory

I. Preparation

SUBTASK 841-002-A

- (1) On the RH electrical-power control/distribution box ([AMM SDS 24-60-00/1](#)), open the LAVATORY circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: RB SERVBUS/LAVATORY).
- (2) On the circuit breaker panel, open the LIGHTS circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: DC BUS 1/LAVATORY/LIGHTS).



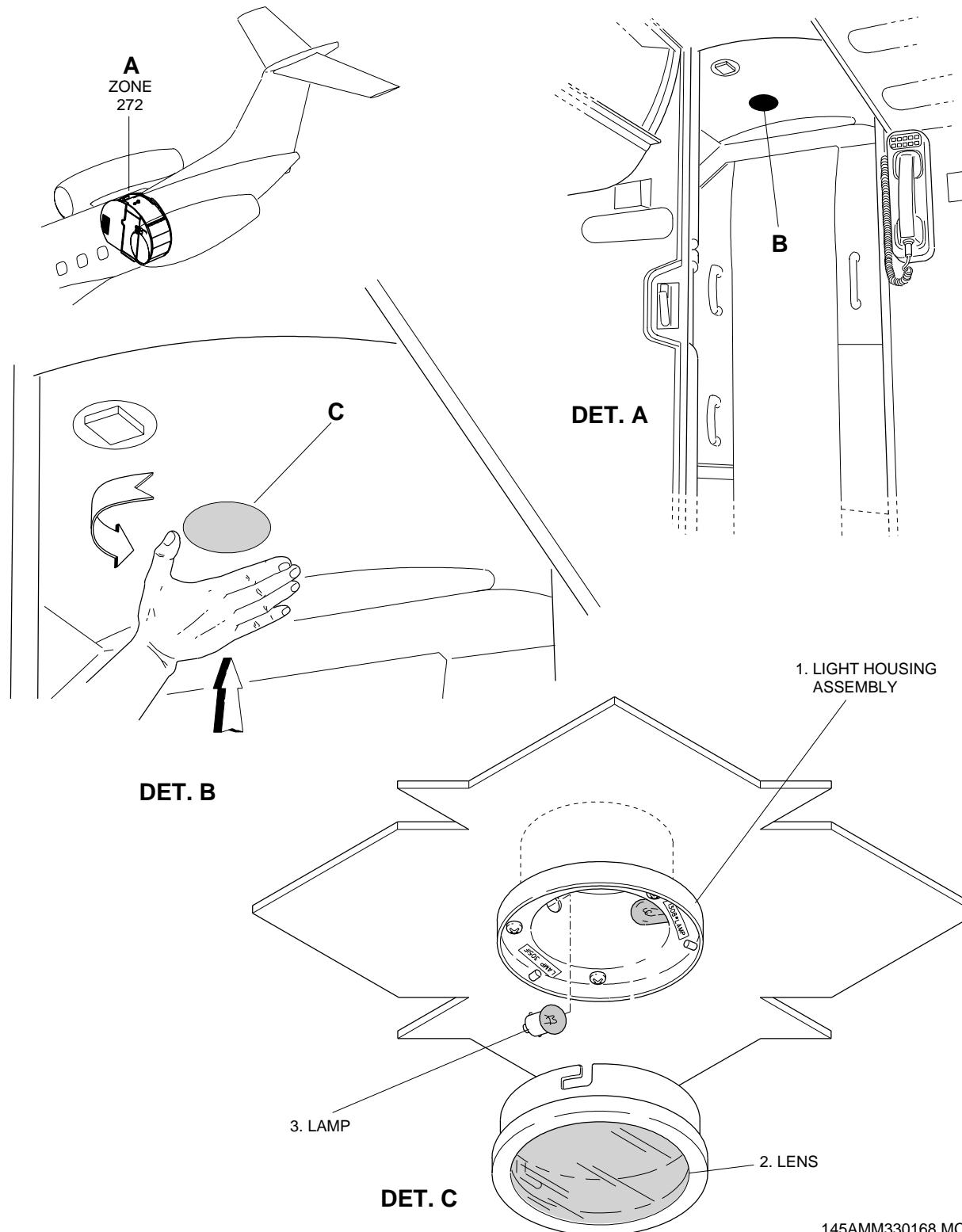
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J. Removal (Figure 401) (Figure 402)

SUBTASK 020-002-A

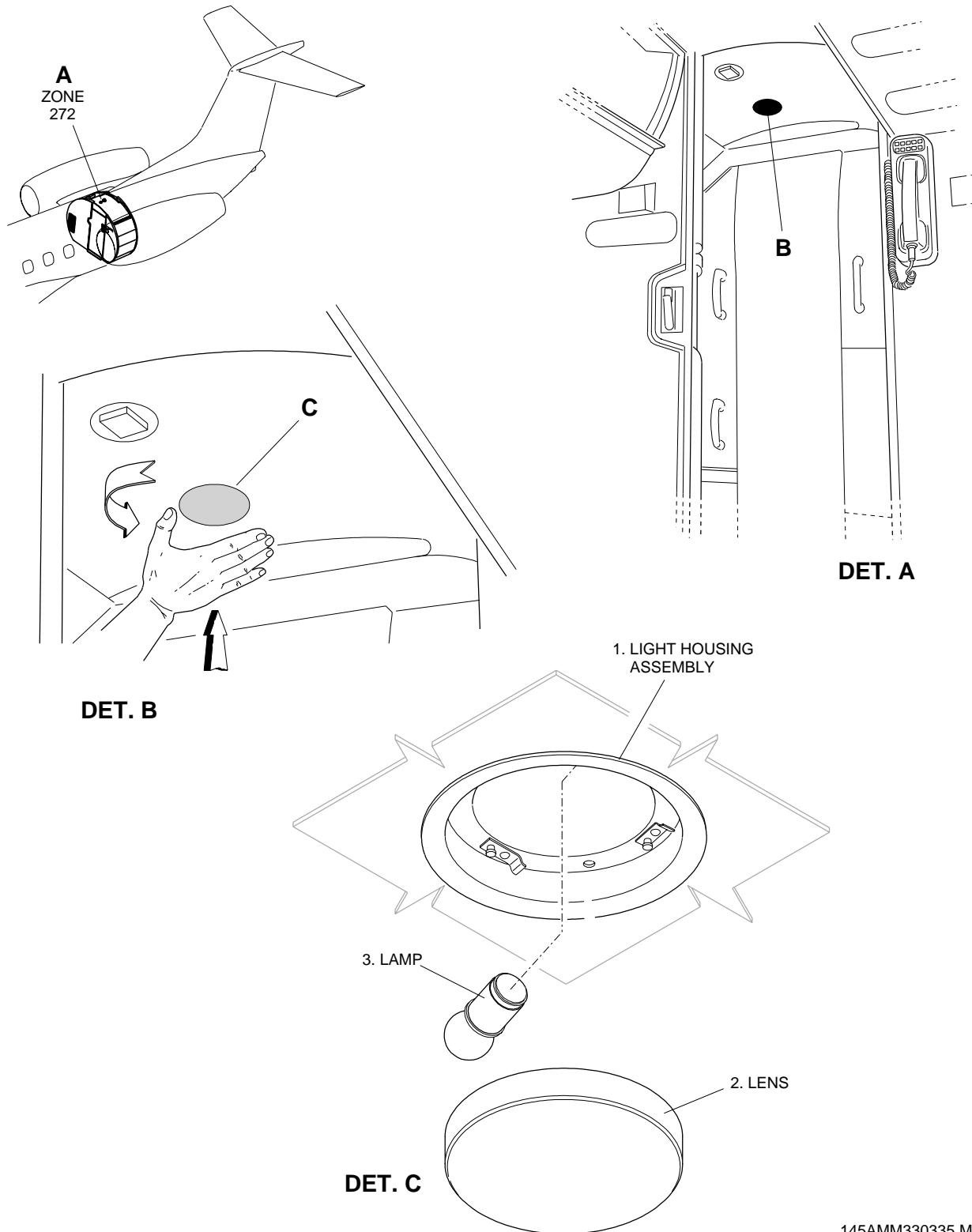
- (1) With the palm of your hand push and turn the lens metal frame (2) counterclockwise to remove it.
- (2) Remove the lamp (3) from the light housing assembly (1).

EFFECTIVITY: PRE-MOD. S.B. 145-25-0180
Lavatory Dome-Light Lamp - Removal/Installation
Figure 401



145AMM330168.MCE B

EFFECTIVITY: POST-MOD. S.B. 145-25-0180
Lavatory Dome-Light Lamp - Removal/Installation
Figure 402



145AMM330335.MCE

TASK 33-28-01-400-801-A
EFFECTIVITY: ALL
3. LAVATORY DOME-LIGHT LAMP - INSTALLATION
A. General

- (1) This task gives the procedure for the installation of the lavatory dome-light lamp.
- (2) On aircraft PRE-MOD. [S.B.145-25-0180](#), there are two lamps in the lavatory dome-light housing assembly, but only the lamp in reference must be replaced. The other lamp is not energized.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM SDS 24-60-00/1	
AMM TASK 33-28-00-700-801-A/500	LAVATORY LIGHTS - OPERATIONAL TEST
S.B.145-25-0180	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
272		Lavatory

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	Lavatory

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

- (1) Install the lamp (3) in the light housing assembly (1).
- (2) With the palm of your hand push and turn the lens metal frame (2) clockwise to install it.



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J. Follow-on

SUBTASK 842-002-A

- (1) On the RH electrical-power control/distribution box ([AMM SDS 24-60-00/1](#)), close the LAVATORY circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: RB SERVBUS/LAVATORY).
- (2) On the circuit breaker panel, close the LIGHTS circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: DC BUS 1/LAVATORY/LIGHTS).
- (3) Do the Lavatory Lights test ([AMM TASK 33-28-00-700-801-A/500](#)).



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TASK 33-28-01-000-802-A

EFFECTIVITY: ALL

4. LAVATORY DOME-LIGHT ASSEMBLY - REMOVAL

A. General

- (1) This task gives the procedure to remove the lavatory dome-light assembly.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
S.B.145-25-0180	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272		Lavatory

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	Lavatory

I. Preparation

SUBTASK 841-003-A

- (1) On the RH electrical-power control/distribution box (AMM SDS 24-60-00/1), open the LAVATORY circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: RB SERVBUS/LAVATORY).
- (2) On the circuit breaker panel, open the LIGHTS circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: DC BUS 1/LAVATORY/LIGHTS).

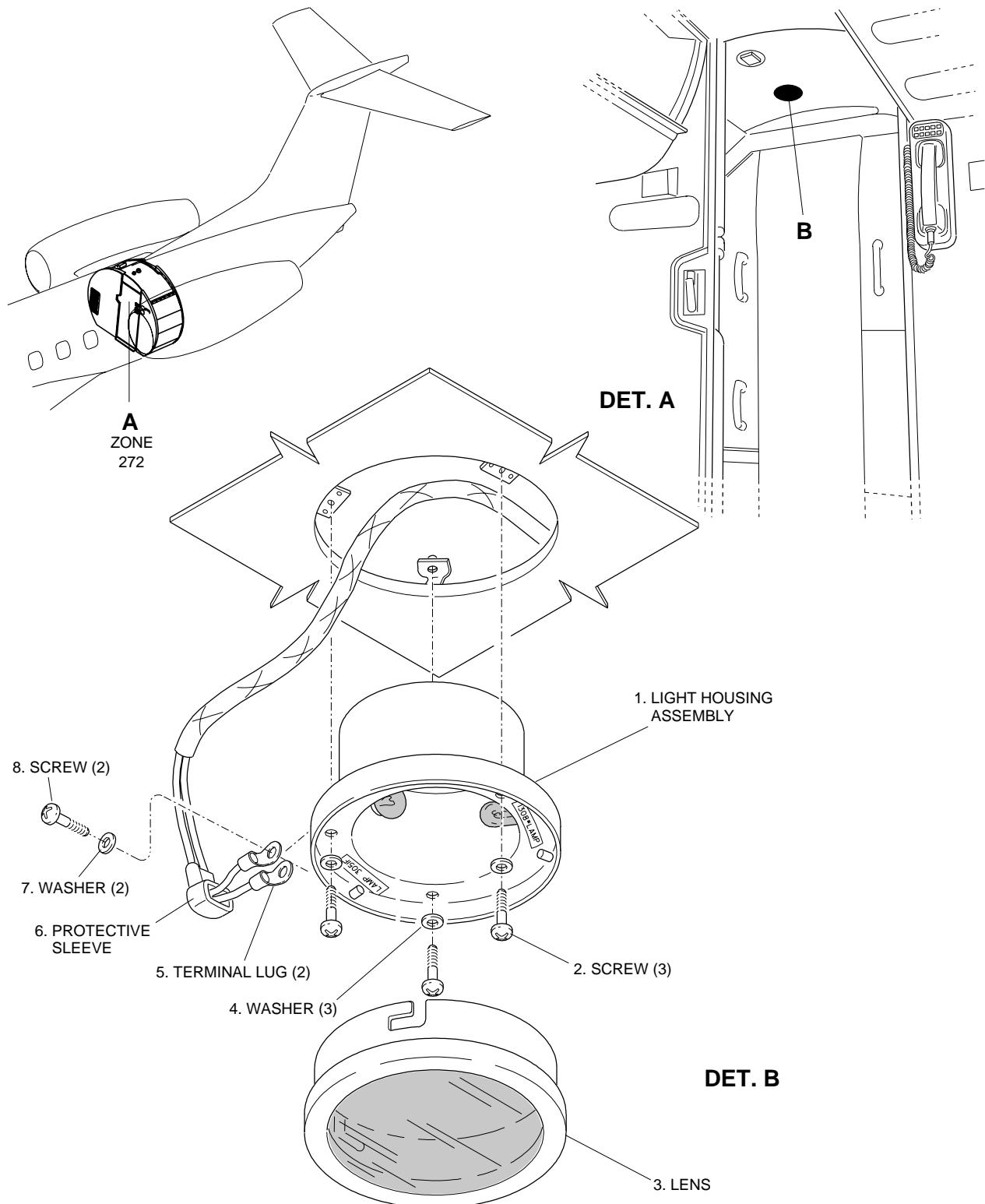
J. Removal ([Figure 403](#)) ([Figure 404](#))

SUBTASK 020-003-A

- (1) On aircraft PRE-MOD. S.B.145-25-0180, refer to [Figure 403](#) to remove the Lavatory Dome-Light Assembly, as follows:

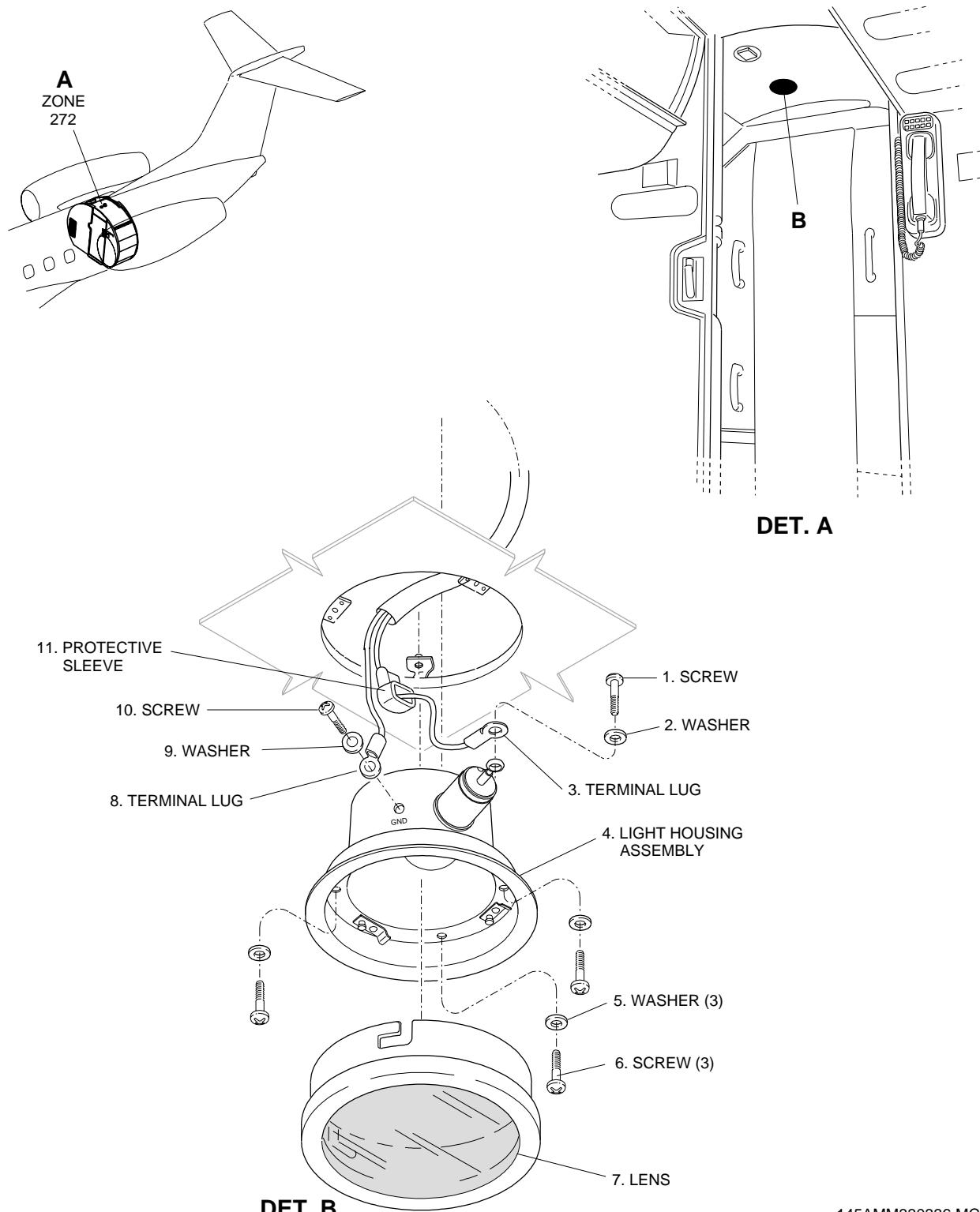
- (a) With the palm of your hand push and turn the lens metal frame (3) counterclockwise to remove it.
 - (b) Remove the three screws (2) and three washers (4).
 - (c) Carefully pull the light housing assembly (1).
 - (d) Slide the protective sleeve (6) to get access to the two terminal lugs (5).
 - (e) Remove the two screws (8) and two washers (7) that attach the two terminal lugs (5) to the light housing assembly (1).
 - (f) Remove the light housing assembly (1).
- (2) On aircraft POST-MOD. [S.B.145-25-0180](#), refer to [Figure 404](#) to remove the Lavatory Dome-Light Assembly, as follows:
 - (a) With the palm of your hand push and turn the lens metal frame (7) counterclockwise to remove it.
 - (b) Remove the three screws (6) and three washers (5).
 - (c) Carefully pull the light housing assembly (4).
 - (d) Slide the protective sleeve (11) to get access to the terminal lug (3).
 - (e) Remove the screw (1) and washer (2) that attach the terminal lug (3) to the light housing assembly (4).
 - (f) Remove the screw (10) and washer (9) that attach the terminal lug (8) to the light housing assembly (4).
 - (g) Remove the light housing assembly (4).

EFFECTIVITY: PRE-MOD. S.B. 145-25-0180
Lavatory Dome-Light Assembly - Removal/Installation
Figure 403



145AMM330169.MCE A

EFFECTIVITY: POST-MOD. S.B. 145-25-0180
Lavatory Dome-Light Assembly - Removal/Installation
Figure 404



145AMM330336.MCE



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TASK 33-28-01-400-802-A

EFFECTIVITY: ALL

5. LAVATORY DOME-LIGHT ASSEMBLY - INSTALLATION

A. General

- (1) This task gives the procedure for the installation of the lavatory dome-light assembly.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
AMM TASK 33-28-00-700-801-A/500	LAVATORY LIGHTS - OPERATIONAL TEST
S.B.145-25-0180	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272		Lavatory

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	Lavatory

I. Installation (Figure 403) (Figure 404)

SUBTASK 420-003-A

- (1) On aircraft PRE-MOD. S.B.145-25-0180, refer to (Figure 403) to install the Lavatory Dome-Light Assembly, as follows:
- Install the two screws (8) and two washers (7) that attach the two terminal lugs (5) to the light housing assembly (1).
 - Slide the protective sleeve (6) to cover the two terminal lugs (5).
 - Carefully put the light housing assembly (1) in its installation position.
 - Install the three screws (2) and three washers (4).

- (e) With the palm of your hand push and turn the lens metal frame (3) clockwise to install it.
- (2) On aircraft POST-MOD. [S.B.145-25-0180](#), refer to (Figure 404) to install the Lavatory Dome-Light Assembly, as follows:
 - (a) Install the screw (10) and washer (9) that attach the terminal lug (8) to the light housing assembly (4).
 - (b) Install the screw (1) and washer (2) that attach the terminal lug (3) to the light housing assembly (4).
 - (c) Slide the protective sleeve (11) to cover the terminal lug (3).
 - (d) Carefully put the light housing assembly (4) in its installation position.
 - (e) Install the three screws (6) and three washers (5).
 - (f) With the palm of your hand push and turn the lens metal frame (3) clockwise to install it.

J. Follow-on

SUBTASK 842-003-A

- (1) On the RH electrical-power control/distribution box ([AMM SDS 24-60-00/1](#)), close the LAVATORY circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: RB SERVBUS/LAVATORY).
- (2) On the circuit breaker panel, close the LIGHTS circuit breaker and remove the DO-NOT-CLOSE tag from it (Location Tip: DC BUS 1/LAVATORY/LIGHTS).
- (3) Do the Lavatory Lights test ([AMM TASK 33-28-00-700-801-A/500](#)).

