

ZONES: 230 240
 A/C NUMBER:
 REV. DATE: 03/03/08
 FREQUENCY: D

W/C NUMBER: 322R3302 DATE:

MFR P/N	DESCRIPTION	QTY
BMS5-123	Adhesive - Fast-setting, 2 Part Epoxy, Type I, Class 2,A/R Clear	
TT-N-95	Solvent, Aliphatic Naptha (For Acrylic Plastics), Type A/R II	
BMS15-5	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth)	A/R
Permacel P-29	Tape - Adhesive	A/R
BMS5-133	Tape - Carpet, Double-sided, Black, Type II, Class 2	A/R
SG737E8	Photoluminescent Lighting Kit	1

REFERENCES

AMM 20-30-92, 51-31-00; BOEING DWGS 417A5750-301, 417A5755-301, 417A5750-306

MECH INSP

MPD ITEM: 33-080-00

REPLACE PHOTOLUMINESCENT FLOOR PROXIMITY LIGHTING

1. Floor Proximity Light - Photoluminescent Strip Removal

A. Procedure

(1) Do these steps to remove the photoluminescent strip:

(a) Use a smooth tool to separate the tape holding
the light strip onto the floor panels.

XXXXX 1) Left Side

XXXXX 2) Right Side

(b) Remove the old tape that held the strip onto the
floor panels.

XXXXX 1) Left Side

XXXXX 2) Right Side

2. Floor Proximity Light - Photoluminescent Strip Installation

A. General

(1) Use this procedure to install sections or complete
lengths of the photoluminescent strips.

(a) Photoluminescent track layout is not affected by

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business class modification.

(b) The tape should contact the entire length of the track with breaks not exceeding 1.0 inch. If the tape width extends past the track, the remainder may be left for securing the carpet, or trimmed prior to installation onto the floor.

(c) Butt track ends together with 0.10" maximum gap, except at the expansion joint, STA 520, where a 0.30" gap is to be maintained between adjoining strips.

(d) Terminate strips at indicated station and buttock line locations and trim as necessary to achieve a clean fit with a minimum installed cut strip length of 18 inches in the main aisle. All track ends are to be cut square (90 degrees).

(e) The overwing exit aisle strips must be placed as one piece.

(f) Install all extension strips in the overwing exit aisles by butting the end of the strip against the side of the main aisle strip, trim as necessary to achieve a clean fit. All extensions are to be extended outboard to the first (inboard) seat track.

CAUTION: SEALANT MUST NOT EXTEND OVER PERIPHERY OF PHOTOLUMINESCENT STRIP.

(g) Cut ends of the tracks are to be sealed with sealant BMS5-123. Prior to sealing, clean the cut end to remove any loose shavings. Use a minimum of a 1/16 inch diameter bead along the sealing surface. Smooth and allow to dry. Quickly remove excess sealant from edges with a clean cloth wiping away from the casing surface.

(2) If necessary, the following drawings may be referenced during the installation procedure:

AIRCRAFT

DRAWING

N301TZ - N305TZ

Boeing Dwg. 417A5750-301

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N308TZ - N314TZ	Boeing Dwg. 417A5750-306
N315TZ - N323TZ	Boeing Dwg. 417A5755-301

B. Procedure

(1) Use a cotton wiper, BMS15-5 dampened with solvent, TT-N-95, Type II (Aliphatic Naptha for Acrylic Plastics), AMM TASK 20-30-92-910-801, to clean the floor panel.

XXXXX (a) Left Side

XXXXX (b) Right Side

(2) If necessary, trim the new strip to fit.

NOTE: If this is a strip or portion of strip, to be mounted between existing strips, you will want to leave room to seal the exposed ends of the new strip and still maintain the appropriate gap between each end of the existing strips.

(a) Do this task: Prepare For Sealing, AMM TASK 51-31-00-160-801.

CAUTION: SEALANT MUST NOT EXTEND OVER PERIPHERY OF PHOTOLUMINESCENT STRIP

(b) Carefully seal the exposed end of all strips with small beads of adhesive, BMS5-123.

(c) Accomplish step 2.B(2) for the Left and Right sides:

1) (RII) Left Side

2) (RII) Right Side

(3) Use a cotton wiper, BMS15-5 dampened with solvent, TT-N-95, Type II, AMM TASK 20-30-92-910-801, to clean the new light strip.

XXXXX (a) Left Side

XXXXX (b) Right Side

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- | (4) Apply new tape, BMS5-133, Type II, Class 2, to the
| floor panel.
- | _____ (a) (RII) Left Side
- | _____ (b) (RII) Right Side
- | (5) Using the new piece(s) of photoluminescent strip
| as a guide, mark the tape, where the ends
| of the strip will be located.
- | _____ XXXXX (a) Left Side
- | _____ XXXXX (b) Right Side
- | (6) Place small lateral strips of 3/4-inch wide
| Permacel P-29 tape, on top of the BMS5-133 tape,
| so that none of that tape or any floor panel is
| visible between the strips.
- | _____ (a) (RII) Left Side
- | _____ (b) (RII) Right Side
- | (7) Place the strip in its location, maintaining the gap
| indicated below between the new strip and existing
| strips:
- | (a) At the expansion joint, STA 520, maintain a
| 0.30 inch gap between the new strip and the
| adjoining strip.
- | (b) At all other locations, maintain a 0.10 inch
| gap between the new strip and existing strips.
- | (c) Accomplish step 2.B(7) for the Left and Right
| sides:
- | _____ 1) (RII) Left Side
- | _____ 2) (RII) Right Side
- | (8) Press the strip down firmly along it's
| length to attach it in place.

DISCARD PHOTOLUMINESCENT EGRESS LIGHTING STRIP

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| _____ (a) (RII) Left Side

| _____ (b) (RII) Right Side

|XXXX _____ C. (RII) Perform a final inspection of the Photoluminescent
| Floor Proximity Lighting installation per the guidelines
| provided in steps 2.A. and 2.B.

| ***** END OF WORKCARD *****