

	Change Bulletin	Document Ref	737-11072-CB-01
		ATA 11-20	Revision 00

Title	Application of Regent Airways Livery		
Effectivity	Boeing 737-800. MSN 28644, 29844.		
Approval	The technical content of this document is approved under the authority of DOA Number EASA.21J.446. If an aircraft listed in the effectivity has a change or repair embodied which affects the content of this change bulletin, the operator is responsible for obtaining approval by its airworthiness authority for any adaptation necessary before incorporation of this change bulletin.		
Compiled by: Declan Gartland		Checked by: 	

Revision History		
Rev	Date	Reason for Revision
00	Jan 2017	Initial Issue.

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1. Planning Information

a. Purpose of the Document

This change provides instructions to apply a new external livery on the aircraft.

b. Concurrent Requirements

None.

c. Background

The aircraft requires re-painting in Regent Airways livery per customer request.

d. Compliance

In accordance with customer's requirements.

e. Weight and Balance changes

The aircraft must be weighed post modification and information reflected in the weight and balance documents. Alternatively, the organisation painting the aircraft may calculate the weight and balance change by measurement and calculation of the paint layers.

f. Electrical Load data

None.

g. References

Document Reference	Title
51-21	Aircraft Maintenance Manual

h. Publications affected

None.

i. Documents required

Document Reference	Title
737-11072-DWG-01	Livery Drawing
737-11072-DWG-02	Exterior Markings Drawing
51-21	Aircraft Maintenance Manual
AkzoNobel Process Manual	Paint Manufacturer's Exterior Paint System for Regent Airways

2. Material Information

a. Materials

Item	Part Number	Colour	Description	Qty per Aircraft	Add / Remove
1	3001G10009*	BAC70846	White Paint	A/R	Add
2	3001G30035*	Regent Red	Red Paint	A/R	Add
3	3001G15001*	BAC707	Grey Paint	A/R	Add
4	3001G90001*	BAC701	Black Paint	A/R	Add
5	3001G15149*	BAC772	Grey Paint	A/R	Add
6	3001G15082	Regent Grey	Grey Paint	A/R	Add
7	3001G15009	BAC 708	Grey Paint	A/R	Add
8	ECL-G-4759*	PMS129C	Yellow	A/R	Add
9	ECL-G-857*	BAC51470	Gold	A/R	Add
10	10P20-44MNF*	N/A	Primer Akzo Nobel	A/R	Add
11	3002G00002*	BAC 900	Clear Coat	A/R	Add
12	CS6000*	N/A	Curing solution	A/R	Add
13	A9002*	N/A	Standard Activator	A/R	Add
14	A9003*	N/A	High RH Activator	A/R	Add
15	A9004*	N/A	Standard Activator (Touch-up and Markings)	A/R	Add
16	CS6003*	N/A	Curing Solution	A/R	Add
17	A9050*	N/A	Touch Up Activator	A/R	Add
18	A9052*	N/A	Standard Activator (Limited Area)	A/R	Add
19	A9053*	N/A	Warm Conditions Activator	A/R	Add
20	A9054*	N/A	Clear Coat Cool Weather Activator	A/R	Add
21	A9055*	N/A	Standard Activator (Large Area)	A/R	Add
22	A9056*	N/A	Clear Coat Standard Full Body Activator	A/R	Add
23	GRX900S19082	N/A	Aviation Graphix B737 Regent Livery Kit	1	Add
24	GRX118D1000	N/A	Aviation Graphix B737-NG Exterior Decal Kit	1	Add
25	Ref. 737-11072-DWG-02	N/A	Exterior Markings [Decals / Stencils]	A/R	Add

NOTE*: Alternative paint system/materials can be substituted for the above as long as they meet the minimum requirements of specifications per AMM 51-21-99.

b. Tooling

No specialised equipment required.

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3. Accomplishment Instructions

a. General

WARNING: MAKE SURE THAT THE TRAVEL RANGES OF THE FLIGHT CONTROLS ARE CLEAR. MOVEMENT OF FLIGHT CONTROLS CAN CAUSE INJURY TO PERSONS AND/OR DAMAGE.

WARNING: MAKE SURE THAT THE TRAVEL RANGES OF THE FLIGHT CONTROL SURFACES ARE CLEAR BEFORE YOU PRESSURIZE/DEPRESSURIZE A HYDRAULIC SYSTEM.

WARNING: PUT THE SAFETY DEVICES AND THE WARNING NOTICES IN POSITION BEFORE YOU START A TASK ON OR NEAR:

- THE FLIGHT CONTROLS
- THE FLIGHT CONTROL SURFACES
- THE LANDING GEAR AND THE RELATED DOORS
- COMPONENTS THAT MOVE.

WARNING: WEAR AND ATTACH A SAFETY HARNESS WHEN YOU WORK ON HIGH SECTIONS. A FALL CAN INJURE OR KILL YOU.

CAUTION: DO NOT CAUSE DAMAGE TO FIBER REINFORCED PLASTIC SURFACES.

NOTE: Refer to the aircraft AMM 51-21-00 for painting procedures.

These safety precautions are necessary when you use solvents, cleaners, strippers, etchants or conversion coating:

- a) Try not to breathe the solvent fumes. Do not use solvents in confined spaces without sufficient air or approved respiratory protection.
- b) Try not to get solvents, cleaners, etchants or coating materials on your skin. Wear rubber or plastic gloves when you use these materials. For surfaces above the head, wear goggles or plastic face shields, rubber raincoats and rain hats.
- c) Flush immediately with water when you get paint stripper, etchant or conversion coating material on your skin.
- d) If these materials get into your eyes, immediately flush the eyes with water.
- e) Get medical aid immediately.

b. Preparation

NOTE: Refer to the aircraft AMM 51-21-00 for specific preparation procedures.

Mask all areas to be protected from sanding dust and over spray, i.e. cockpit and cabin windows.

Mask all sensitive items, i.e. pitot/static ports, antennae, aerals and engine intakes.

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c. Installation

Step	Accomplishment	MECH	INSP
1	Clean all areas to be painted in accordance with AMM 12-40-00.		
2	Survey the aircraft to record all technical and maintenance markings currently installed on the aircraft. Refer to AMM and IPC Chapter 11 as required.		
3	Prepare the aircraft by rubbing down / removing paint in accordance with AMM 51-21-11.		
4	<p>Following the completion of rubdown operations, carry out an inspection of the aircraft exterior skin. The following areas should be given special attention:</p> <ul style="list-style-type: none"> Fuselage Skin Panels Lap Joints Butt Joints Window Frames Cabin and Cockpit Window Surfaces. Area around Pitot & Static Probes & Ports Engine Nose Cowl Leading Edges Wing Slats Identification of any Lightning Strikes <p>(At all times refer to the manufacturers manuals, AMM, SRM)</p> <p>NOTE: When performing the inspection, inspecting personnel must consider the following damage and hazards which may be found:</p> <p>Damage which may have been caused during preparation work such as:</p> <ul style="list-style-type: none"> Reduction in fastener head by uncontrolled use of power tools and/or abrasive media. Surface scratching caused by paint scrapers. Degradation of composite or plastic surfaces caused by abuse of particle blasting techniques. 		
5	Apply a compatible wash primer to any areas where the paint removal in step 3 has left bare metal e.g. rivet heads, panel edges etc. in accordance with AMM 51-21-21.		
6	<p>Paint the aircraft in accordance with drawing 737-11072-DWG-01, in accordance with manufacturer's instructions and AMM 51-21-99.</p> <p>NOTE: Refer to additional livery details in Figures 1, 2, and 3. Stencil positions to be defined on site upon application using Stencil Kit provided and consultation with customer representative.</p>		

Step	Accomplishment	MECH	INSP						
7	Ensure that AMM procedures for painting of control surfaces are adhered to at all times.								
8	<p>Ensure all required technical markings are reinstalled correctly in accordance with AMM Chapter 11 and IPC Chapter 11. Refer to drawing 737-11072-DWG-02 for typical exterior marking locations and part numbers for guidance.</p> <p>NOTE: Edgeseal all self-adhesive placards in accordance with aircraft AMM procedures. Use a suitable clear top coat for edge sealing per AMM 51-21-99.</p> <p>NOTE: All markings should be ENGLISH ONLY and may be applied using paint or decals. If Boeing part numbers are not available, use equivalent decals from Aviation Graphix Kit GRX118D1000.</p>								
9	<p>Paint (or apply decal) the external wing and fuselage registration markings in the areas identified on the drawing 737-11072-DWG-01.</p> <p>NOTE: Obtain aircraft registration details from the customer.</p>								
10	Inspect the aircraft in accordance with paint facility stage inspection check lists to ensure the removal of all masking and other consumables installed on the aircraft during the rubdown and painting stages.								
11	<p>Record the Registration applied to each MSN below:</p> <table><tr><td>MSN</td><td>28644</td><td>29844</td></tr><tr><td>Registration</td><td></td><td></td></tr></table>	MSN	28644	29844	Registration				
MSN	28644	29844							
Registration									

a. Close up

Step	Accomplishment	MECH	INSP
1	Remove all tools and equipment from the aircraft.		
2	Return the aircraft to a normal configuration.		

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Figure 1: Additional Livery Forward Right Hand Fuselage



Figure 2: Additional Livery Forward Left Hand Fuselage



Figure 3: Additional “REGENT” Livery Lower Fuselage

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4. Reporting Sheet

This reporting sheet is provided for feedback to Parc Aviation Engineering Services in the event that any data contained in this change bulletin is incorrect, any accomplishment instructions could not be completed as outlined, you experience any in-service problems related to the change or you have suggestions arising from the embodiment of the change. Please complete the form and return to:

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Comments:

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