



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety

Washington, D.C. 20594

AIRCRAFT MAINTENANCE RECORDS FACTUAL REPORT

DCA09MA021

Attachment G
Major Repairs & Alterations

January 8, 2009

A/C 611
Major Repair & Alterations List

<u>Engineering Authorization (EA)</u>	<u>Description</u>	<u>STC #</u>	<u>STC Holder</u>	<u>EA Embodied Date</u> <u>MM/DD/YYYY</u>
2212-01009	A 737 YAW DAMPER COUPLER & RUDDER PCU WIRING CHANGE	NONE	N/A	6/9/2000
2300-01325	A 737-500 GTE AIRPHONE GENSTAR SYSTEM INSTALLATION	SA1339GL	GTE Airfone Inc.	8/25/1997
2300-01417	A 737-300/500 GTE AIRPHONE COCKPITPHONE INSTALLATION	SA1339GL	GTE Airfone Inc.	4/3/1998
2320-01497	A INSTALL MOD. ACARS MANAGEMENT UNIT 737-500/3Q8	ST00499LA	Teledyne Controls	7/5/2000
2520-04141	A 737-500 ATIX 2 BIN SHELF EXTENSION INSTALLATION	ST00657SE	HEXCEL Corp	3/29/1999
2520-04813	A 737-500 RECONFIGURATION 10/94 TO 6/106	ST01512SE	Heath Techna Inc.	4/13/2005
		ST09664AC	Continental Airlines	
2520-04849	A 737-500 RECONFIGURATION 6/106 TO 8/106 INT MO	ST09665AC	Continental Airlines	1/13/2006
		ST01291NY	Magee Plastics Company	
2527-01019	A 737-500 LOWER SIDE WALL RISER PANEL REPLACEMENT	ST02144NY	Magee Plastics Company	7/9/2007
2530-02511	A 737-500 NEW G2 GALLEY / CLOSET INSTALLATION	NONE	N/A	1/6/2006
2550-01288	A \$EQP/FURNISHINGS-GROUNDING WRIST STRAP ADDITION	NONE	N/A	Note 1
2600-01086	A B737-500 CARGO SMOKE DET & SUP SYSTEM INSTALLATION	ST01674AT	Barfield Inc.	6/9/2000
2710-01215	A 737-300/500 F/O CONTROL WHEEL INSPECTION	NONE	N/A	7/3/2004
2721-01061	A ENHANCED RUDDER CONTROL SYSTEM MODIFICATION	NONE	N/A	2/14/2005
2810-01154	A B737-300/500 INSTL FUEL VENT ARRESTOR & VENT	NONE	N/A	6/10/2000
2820-01354	A 737 IMPROVED FUELING FLOAT SWITCH AND WIRING	ST00174BO	Simmonds Precision Products	2/22/2006
2820-01403	A 737-300/500 ENGINE FUEL SHUTOFF VLV WIRING CHANGE	NONE	N/A	6/2/2004
2820-01407	R %737-3/5 INSP WIRE CHAF BEHIND P15 REFUEL PANEL	NONE	N/A	2/1/2004
2820-01593	R %737CL FUEL BOOST PUMP WIRING INSPECTION	NONE	N/A	7/11/2007
2840-01303	A B737-300/500 FQIS BFG IFQT INSTALLATION	NONE	N/A	2/14/2003
2840-01402	A 737CL WING CENTER TANK WIRE BUNDLE INSP	NONE	N/A	7/6/2007
3130-01132	A INSTALLING OQAR ON BOEING AIRCRAFT	SA7001NM-DAS	Tramco Inc.	*10/20/2006
3130-01359	A MODIFY DFDMU 2233000-23 TO -23-A AND INSTALL	SA8030NM	Teledyne Controls	3/30/2001
3410-01711	A 737 3/5 PITOT STATIC BOND INSP/TERMINATING ACTION	NONE	N/A	7/7/2007
3430-01214	A 737-500 INSTALL COLLINS AMMR	NONE	N/A	2/17/2005
3440-01987	A \$B737-3Q8/500 PREDICTIVE WINDSHEAR ACTIVATION	ST01843AT	Allied Signal	6/7/2000
3440-02289	A %ALLIED SIGNAL TCAS (CAS-81) MOD - CHANGE 7.0	SA3061SO	Bendix/King Air Trans	9/30/2001
		SA2725SO	Honeywell International	6/26/2002
3440-02398	A 737-500 EGPWS INSTALLATION	NONE	N/A	2/9/2005
3440-02720	A %B737-300/500 WRX PWS QUALIFIERS MODIFICATION	NONE	N/A	Note 1
3460-01134	A %BOEING 737 FMC U10.4 SOFTWARE UPGRADE	NONE	N/A	*6/12/2002
3810-01151	A ~737 FWD LAV POTABLE WATER DRAIN ISO. VALVE INSTLN	ST01255CH	Aerocontrolex	5/10/2001
5210-01442	A B737-COCKPIT DOOR MOD PHASE 1 AND 1A	ST01143SE	JAMCO Amer	12/4/2002
5310-03040	R %737-FUS-BS 178 BULKHEAD, INSPECTION AND REPAIR	NONE	N/A	2/17/2005
5310-04045	R %AFT PRESS BLKHD LWR LOBE CORR INSP AND RPR	NONE	N/A	7/1/2007
5310-04437	R FWD PAX DR SURROUND STRUCT-INTERCOSTAL INSP	NONE	N/A	7/9/2007
5310-04443	R FWD&AFT DR CUTOUT FRAMES&SURROUND SKIN INSPECT	NONE	N/A	7/13/2007
5330-02594	R %B737 FUSE-BONDED SKIN DBLER-DELAM INSP &REPAIR	NONE	N/A	*6/7/2000
5330-03364	R %RADIO ALTIMETER ANTENNA CUTOUT-SKIN CRACK	NONE	N/A	*7/2/2007
5330-03455	R 737-500 CROWN SKIN CHEM-MILL CRACK INSPECTION	NONE	N/A	6/30/2007
5730-02222	A %737-500 WINGLET INSTALLATION - 737-5000-21	ST01219SE	Aviation Partners Boeing	11/29/2008
7700-01047	A 737-300/500 EGT INDICATOR MODIFICATION (940 LIMIT)	ST01823CH	Smiths Aerospace	12/24/2003

R = Major Repair A = Major Alteration

Note 1: Unable to confirm embodiment date/status due to SCEPTRE Lock Down

*Most recent compliance date--other Op steps were completed at earlier maintenance visits.

MAJOR REPAIR SECTION REPORTED BY ECRA or SFR

<u>Engineering / Change Repair Authorization (EC/RA)</u>	<u>Description of Major Repair</u>	<u>Non-Routine / LogPage Ref./Tag Ref.</u>	<u>ECRA Embodied Date</u>
5311-01144	A/C 611, LH KEEL BEAM LWR CHD OUTB	6257756	12/3/2002
5751-01032	A/C 611-RH AILERON UPPER SKIN REPAIR	5413190	6/10/2000
4921-01078	APU S/N P-60199C, SHOP BMP REPAIR 9206231 (GTCP85 2ND STG DIFFUSER)		6/11/1999
4921-01085	APU S/N P-60199C, SHOP BMP REPAIR 9001151 (GTCP85 APU TORUS)		6/11/1999

<u>Significant Findings Report (SFR)</u>	<u>Description of Major Repair</u>	<u>Log Page Ref.</u>	<u>ECRA REF</u>	<u>SFR Embodied Date</u>
0001865	PATCH AFT OF CARGO DR NEEDS RIVETS REBOCKED & RESEALED (BS847 & RBL0)	5843377		5/27/2000
0001866	PATCH FWD OF CARGO DR NEEDS RIVETS REBUCKED & RESEALED (BS787 & RBL0)	5843378		5/28/2000
0001937	DENTS FOUND ON AFT CARGO DOOR	4278567		6/2/2000
1000233	L/H FRAME HAS 1" CRACK THRU LAST RIVET, WHERE FRAME JOINS CABIN FL BM	9602294		2/1/2005
1000239	FRAME IN ABB HAS CORROSION @ STA 907 ABOVE STR 21R	9602506		2/9/2005
1002121	INSTALL DOUBLER AT STA 450	5630051	5330-03700	7/10/2007
1002122	INSTALL DOUBLER AT STA 390	5630048	5330-03700	7/10/2007
1002123	INSTALL DOUBLER AT STA 410	5630049	5330-03700	7/10/2007
1002124	INSTALL DOUBLER AT STA 430	5630050	5330-03700	7/10/2007
2000566	PREVIOUS REPAIR PATCH ON L1 DR IS LIFTING AT AFT UPPER CORNER	4772756	5210-01475	6/12/2002