

DCA21FA174

MAINTENANCE RECORDS

Group Chair's Factual Report - Attachment 4

Major Repairs and Major Alterations

December 16, 2022



Major/Minor Repair and Alterations Summary

N810TA

S/N: 21116

As of 07/07/21

MAJOR REPAIRS 8110'S			
DATE	No.	DESCRIPTION	AGENCY
03/06/18	LMI 121083-D048 Rev 00	Damage tolerance evaluation of repair plan: STA 867; S-21R; dents and gouge on fuselage skin previous repair	LMI
03/09/18	LMI 121083-D050 Rev 00	Damage tolerance evaluation of repair plan: STA 380 S-25R skin damage near existing repair	LMI
05/30/17	LMI 121083-R-049	Fuselage skin oil canning	LMI
05/17/18	LMI-111118-D016	BS 312, S5L escape rope installation	LMI
03/16/18	LMI-121083-D048	STA 867; S-21R dents and gouge on fuselage skin at previous repair	LMI
03/19/18	LMI-121083-D050	STA 330 S-25R skin damage near exiting repair	LMI
03/07/19	ACS-Transair-19-SR-01	LH wing lower skin lower surface bleed on between WS235 and WS 270-aft the TE attachment	ACS
04/20/20	B737-34-001	Removal of original #1 ATC control panel	RAI
03/23/20	2019032000017-0008	CASTL 8100-9 Fuselage bear strap repair from BS 344- BS380 between S-1L and S-6L due to crack damage inspection due 70769 TAC	CASTL

MINOR REPAIRS/ENGINEERING AUTHORIZATIONS/ENGINEERING ORDERS			
DATE	No.	DESCRIPTION	AGENCY
8/16/05	EO-732-25-023	FWD LH Lav. Vertical Beam Doubler Repair	Grouptech
8/16/05	EO-732-25-024	FWD LH Lav Bulkhead Hat Section Mounting- Doubler Repair	Grouptech
7/25/11	EO-732-53-079	Deviation to SB737-53-1076 & Fuselage Skin Between BS1008 and BS1016, Between S-2L and S-3R - Repair	Transmile
7/25/11	EO-732-57-042	LH & RH Wing Inspar Lower Skin Corrosion Repair	Transmile
7/26/11	EO-732-57-043	BS663.75 Wing Center Section Upper Skin & Pressure Web Support Angle Corrosion - Repair	Transmile
7/26/11	EO-732-53-078	S-27R Keel Beam Lower Chord Segment Replacement Between BS500A+5 and BS737+16 and Splice at BS540.6 - Repair	Transmile
2/18/14	EA B737-57-001	Inspection of MLG Beams, LH & RH	RAI
2/14/17	EAB737-27-001	Rub damage to RH IB fore flap	RAI
2/16/17	EAB737-53-001	Repair to skin damage area BS867-BS887, ST 21R-ST22R	RAI
2/28/17	EAB737-53-012	Temporary repair for holes found at several areas on radome near conductor strips	RAI
3/2/17	EAB737-78-02	Permanent repair for holes found on LH thrust reverser bottom skin	RAI
3/2/17	EAB737-78-03	Permanent repair for holes found on RH thrust reverser bottom skin	RAI
3/29/17	EAB737-35-006	Cockpit oxygen line replacement	RAI
4/3/17	EAB737-21-001	Equipment cooling ducts repair	RAI
4/13/17	EAB737-23-003	LH/RH Wing static discharger straps replacement	RAI

SUPPLEMENTAL TYPE CERTIFICATES			
DATE	STC No.	DESCRIPTION	OWNER / OPERATOR
6/07/93	P-LSA93-149/D	Conversion from Passenger to Class "E" Cargo Compartment	Transmile
5/19/04	ST223CH	Installation of Stage 3 Hushkit (AV Aero Systems)	Transmile
10/10/02	ST 00389SE	Installation of Honeywell EGPWS	Transmile
12/9/04	SA2979S0	Installation of a Single Bendix TRA-67 Mode S Transponder	Transmile
12/9/04	SA92-69	Installation of Mode S Transponder and Collins TCAS II	Transmile
3/8/99	C-LSA98-327/D	Sundstrand DFDR Upgrade	Transmile
11/18/14	ST01114WI	Class "E" Lower Compartment Smoke Detection System	RAI
9/08/16	ST01904AT	Installation of Trimble 2101, I/O plus GPS- (Auto Pilot Coupled)	GenAero/RAI

Modification Bulletins			
DATE	No.	DESCRIPTION	AGENCY
1/5/05	MB-732-23-004	Installation of Kannad 406 AF ELT	Grouptech
3/25/05	MB-732-23-005	Installation of Solid State CVR (Honeywell)	Grouptech
9/24/09	MB-732-23-008	Installation of Switch Guard on ELT Remote Control Panel	Transmile
11/16/10	MB-732-23-009	Installation of Latitude Technologies Skynode S100	Transmile
8/10/11	MB-732-25-033B	Re-Installation of Trolley (for manual storage)	Transmile
9/15/09	MB-732-26-003	Removal of De-activated FWD Lavatory Smoke Detector and Lavatory Sidewall Panel Rework	Transmile
9/29/04	MB-732-34-007C	Installation of EGPWS Mark VII (without Windshear) based on FAA-PMA STC ST00389SE	Grouptech
11/6/09	MB-732-34-010B	Installation of Trimble 2101 Receiver/Display Unit (Spare only)	Transmile
4/22/10	MB-732-34-011	Installation of No. 2 Freeflight (Trimble) 2101 GPS System	Transmile
4/11/07	MB-732-35-003	Standardizes Oxygen Diluter Demand Assy. Emergency Switch Guard from Window Type Guard to Positive Guard Type	Transmile
8/22/03	MB-732-49-002D	APU – Installation of APU Hour Meter in Cockpit	Grouptech
7/26/11	MB-732-52-010	Main Cargo Door S-2L Upper Sill chord – Replacement	Transmile
7/26/11	MB-732-52-011	Main Cargo Door S-3L Upper Sill Chord – Replacement	Transmile
11/16/10	MB-732-53-023	Installation of Aircraft Tracking Antenna Doubler & Transceiver Bracket per FAA STC ST003888AT	Transmile
5/30/11	MB-732-53-028	Replacement of Corroded FWD Lavatory Partition Lower Angle P/N 65-78920-148 at WL208 with New Fabricated Angle	Transmile
5/30/11	MB-732-53-029	Stringer Tie-Clip t S-2L, BS1138 Frame - Replacement	Transmile
5/30/11	MB-732-53-030	Stringer Tie-Clip at S-4R, BS480 Frame - Replacement	Transmile
3/26/13	MB-732-53-034A	Preventative Modification per SB737-53-1076 R4, Pt v, BS360 to FWD Side of BS1016	Transmile
7/28/11	MB-732-53-035	Preventative Modification per SB737-53-1078 R4, Pt III, Window Belt Skin Panels	Transmile
6/14/12	MB-732-53-036	Replacement of Damaged main Deck Floor Panel	Transmile
4/9/12	MB-732-56-001A	Cascade Overhead Cockpit Window Replacement (Metal Blanks)	Transmile
5/19/04	MB-732-71-002	STC ST223CH – FAR Part 36, AvAero Stage 3 Noise (Hushkit) Replacement (together with engine Change from JT8D-9A's to -15's)	Grouptech
8/1/05	MB-732-71-003B	Base Line Engine Data change from JT8D-9A to JT8D-15	Grouptech
1/28/08	MB-732-71-007	Engine Replacement from JT8D-15 to JT8D-9A (Reversed MB-7332-71-003B)	Transmile

ENGINEERING AUTHORIZATIONS/ENGINEERING ORDERS MODIFICATION			
DATE	No.	DESCRIPTION	AGENCY
11/9/15	EA B737-25-003	Removal of R1 Exit Door Emergency Slide	RAI
5/27/16	EA B737-25-004	L1 door escape rope ceiling pocket	RAI
11/18/14	EA B737-26-005	Installation of Class "E" Lower Compartment Smoke Detection System (AAE STC ST01114W1)	RAI
2/2/15	EA B737-31-003	Flight Data recorder Upgrade – 18 Parameters	RAI
12/26/17	EA B737-33-001	Main cargo door sill lights deactivated	RAI
5/3/15	EA B737-34-007	Installation of Honeywell mark VII Windshear Warning System (FAR 121.358)	RAI
10/22/16	EA B737-34-016	Temporary deactivate GPS	RAI
10/13/15	EA B737-26-006	Installation of Self-Contained lavatory Smoke Detector Unit	RAI
11/21/15	EA B737-34-008	Removal of #2 GPS Indicator/Display	RAI
2/9/16	EA B737-34-010	Removal of F/O's EGPWS Terrain Display Indicator, Honeywell TRA45A	RAI
8/22/17	EA B737-38-001	Deactivated of waste toilet	RAI
9/8/16	EA B737-34-014	Installation of Trimble 2101, I/O plus GPS- (Auto Pilot Coupled)	RAI
4/11/17	EA B737-34-017	Temporarily Deactivate GPS	RAI