

# Civil Aviation Authority of Singapore

## List of Supplemental Type Certificate Issued

No.	Approval Reference	Organisation Name	Description of STC	Aircraft Type	Approval Date	Previous Holder of STC
1.	AWI/STC/0001	Singapore Technologies Aerospace Pte Ltd (Engineering & Development Centre)	Installation of IFF and Dual Mode Search Light	Eurocopter EC120B	20-Sep-06	NA
2.	AWI/STC/0002	Singapore Airlines Ltd (Technical Services Department)	DMU Installation	Boeing 747-400	16-Mar-06	NA
3.	AWI/STC/0003	Singapore Technologies Aerospace Pte Ltd (Engineering & Development Centre)	Installation of FLIR ULTRA 8500 Airborne Imaging System, STRATA Airborne Video Downlink Systems, Garmin 165 GPS Receiver and GPS Antenna, and UHF Communication System	Bell 206-L1	12-Apr-06	NA
4.	AWI/STC/0004	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 747-400	28-Aug-06	NA
5.	AWI/STC/0005	Singapore Airlines Ltd (Technical Services Department)	Passenger to Freighter Conversion	Boeing 747-400	03-Jan-07	NA
6.	AWI/STC/0006	Singapore Airlines Ltd (Technical Services Department)	Installation of Air medic stretcher	Airbus A340	28-Jun-06	NA
7.	AWI/STC/0007	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 747-400	20-Oct-06	NA
8.	AWI/STC/0008	Telair International Incorporated	Installation of a main deck cargo handling system	Boeing 747-400	27-Oct-06	NA
9.	AWI/STC/0009	EAD Aerospace	Installation of SATCOM System	Boeing 747-400	09-Nov-06	NA
10.	AWI/STC/0010	Singapore Technologies Aerospace Pte Ltd (Engineering & Development Centre)	Installation of IFF and Dual Mode Search Light	Eurocopter EC120B	09-Nov-06	NA
11.	AWI/STC/0011	Singapore Airlines Ltd (Technical Services Department)	Installation of Air Medic Stretcher	Boeing 777-300ER	16-Jul-07	NA

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12.	AWI/STC/0012	Singapore Airlines Ltd (Technical Services Department)	Installation of Electronic Flight Bag System	Boeing 777-200	16-Aug-07	NA
13.	AWI/STC/0013	Hong Kong Aircraft Engineering Company Ltd	Installation of Honeywell RESCU 406AF Emergency Locator Transmitter	Boeing 747-200	05-Jun-07	NA
14.	AWI/STC/0014	Singapore Technologies Aerospace Pte Ltd (Engineering & Development Centre)	Installation of "Lidar Mapping and Collision Avoidance Sensor" Systems	Eurocopter EC120B	18-Jul-08	NA
15.	AWI/STC/0015	Singapore Airlines Ltd (Technical Services Department)	Interior reconfiguration	Airbus A340	14-May-08	NA
16.	AWI/STC/0016	Jamco America Incorporated	Installation of galley	Boeing 777-200	24-Mar-08	NA
17.	AWI/STC/0017	Singapore Airlines Ltd (Technical Services Department)	Installation of SATCOM System	Boeing 777-200 Boeing 777-300	15-May-08	NA
18.	AWI/STC/0018	Delta Engineering	Cabin interior reconfiguration	Boeing 747-400	24-Apr-08	NA
19.	AWI/STC/0019	Jamco America Incorporated	Cabin interior reconfiguration	Boeing 747-400	24-Apr-08	NA
20.	AWI/STC/0022	Delta Engineering	Installation of Panasonic System 3000i In Flight Entertainment System	Boeing 777-300	20-Jul-09	NA
21.	AWI/STC/0023	Singapore Airlines Ltd (Technical Services Department)	Installation of Enhanced Video Surveillance System Power Switch	Boeing 777-200 Boeing 777-300	16-Apr-09	NA
22.	AWI/STC/0025	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-300	20-Jul-09	NA
23.	AWI/STC/0026	Singapore Airlines Ltd (Technical Services Department)	Installation of Air medic stretcher	Airbus A330	06-May-09	NA

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24.	AWI/STC/0027	Singapore Airlines Ltd (Technical Services Department)	Installation of Air medic stretcher	Airbus A380	09-Sep-09	NA
25.	AWI/STC/0028	Delta Engineering	Update Panasonic 3000i In-flight entertainment system.	Boeing 777-200	12-Apr-10	NA
26.	AWI/STC/0029	Jamco America Incorporated	Cabin interior reconfiguration	Boeing 777-200	12-Apr-10	NA
27.	AWI/STC/0030	JAMCO Aero Design & Engineering Pte Ltd	Modification of Center Overhead Stowage Bin mode	Boeing 777-200 Boeing 777-300	21-Apr-10	NA
28.	AWI/STC/0031	Singapore Technologies Aerospace Pte Ltd (Engineering & Development Centre)	Reconfiguration of passengers seat layout	Airbus A320	09-Apr-10	NA
29.	AWI/STC/0032	Jamco America Incorporated	Installation of galley	Boeing 777-200	04-Jun-10	NA
30.	AWI/STC/0033	SIA Engineering Company Ltd	Reconfiguration of passengers seat layout	Airbus A320	06-Sep-10	NA
31.	AWI/STC/0034	SIA Engineering Company Ltd	Reconfiguration of passengers seat layout	Airbus A319	12-Oct-10	NA
32.	AWI/STC/0035	Telair International	Installation of Cargo Handling System	Boeing 747-400	27-Jun-11	NA
33.	AWI/STC/0036	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 747-400	27-Jun-11	NA

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34.	AWI/STC/0037	Singapore Airlines Ltd (Technical Services Department)	Passenger to Freighter Conversion	Boeing 747-400	27-Jun-11	NA
35.	AWI/STC/0038	Delta Engineering	Update of a Panasonic IFE front-end equipment from analog to digital	Boeing 777-200	05-Apr-11	NA
36.	AWI/STC/0039	Delta Engineering	Update of a Panasonic IFE front-end equipment from analog to digital	Boeing 777-300	21-Apr-11	NA
37.	AWI/STC/0041	Singapore Airlines Ltd (Technical Services Department)	Installation of on-board connectivity	Airbus A340	10-Feb-12	NA
38.	AWI/STC/0043	Armstrong Aerospace Inc	Installation of Rockwell Collins SAT-2100B SATCOM System and CMC Electronics CMA-2102SB	Boeing 777-300ER	18-Oct-11	NA
39.	AWI/STC/0045	STG Aerospace Inc	Installation of Photoluminescent floor proximity emergency escape path marking system	Boeing 777-300	01-Nov-11	NA
40.	AWI/STC/0046	Aeroconseil	Installation of OnAir GSM/Internet System Provisions	Boeing 777-300	11-Oct-11	NA
41.	AWI/STC/0047	Aeroconseil	Activation of In-Flight internet and website services	Boeing 777-300	09-Mar-12	NA
42.	AWI/STC/0048	Timco Aerosystems	Installation of Audio Video On-Demand (AVOD) & In-Seat Power Supply (ISPS)	Boeing 777-300	01-Nov-11	NA
43.	AWI/STC/0049	Jamco America Incorporated	Cabin interior reconfiguration	Boeing 777-300	09-Nov-11	NA

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44.	AWI/STC/0050	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-200	15-Jun-12	NA
45.	AWI/STC/0051	STG Aerospace Inc	Installation of Photoluminescent floor proximity emergency escape path marking system	Boeing 777-200	22-Sep-14	NA
46.	AWI/STC/0052	Delta Engineering	Installation of Panasonic eFX in-flight entertainment system	Boeing 777-200	11-Jun-12	NA
47.	AWI/STC/0053	Gogo LLC	Installation of an ABS Control Processor Unit (ACPO) in the E&E Bay, 6 Cabin Wireless Access Points (CWAP) and antennas, Cabin Phone with content loader, Master Switch and interface with FMS/IRU via an AIRINC 429 read-only connection for GPS and altitude information	Boeing 777-200	17-Sep-12	NA
48.	AWI/STC/0054	Timco Aerosystems	Installation of lavatory	Boeing 777-200	11-Jan-13	NA
49.	AWI/STC/0055	Gogo LLC	Installation of SwiftBroadband System	Boeing 777-200	17-Sep-12	NA
50.	AWI/STC/0056	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-200	11-Jan-13	NA
51.	AWI/STC/0057	Delta Engineering	Update of Panasonic In-Flight Entertainment system	Boeing 777-200	11-Jan-13	NA
52.	AWI/STC/0058	Singapore Technologies Aerospace Pte Ltd (Engineering & Development Centre)	Replacement of passenger seats and blanking of Emergency Escape Path Marking System for all Brice B1000S series seats	Airbus A320	10-Sep-12	NA
53.	AWI/STC/0059	Eurocopter Southeast Asia Pte Ltd	Installation of litter kit	Eurocopter EC130B4	17-Dec-12	NA

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No.	Approval Reference	Organisation Name	Description of STC	Aircraft Type	Approval Date	Previous Holder of STC
54.	AWI/STC/0060	Eurocopter Southeast Asia Pte Ltd	Installation of second aircraft battery	Eurocopter EC130B4	17-Dec-12	NA
55.	AWI/STC/0062	Delta Engineering	Certification of Compatibility with Wireless Data Technologies	Airbus A319 Airbus A320	8-Jul-13	Armstrong Aerospace (Transferred on 09-Dec-2016)
56.	AWI/STC/0063	Delta Engineering	Installation of Panasonic Global Communications Suite	Airbus A320	06-Aug-13	NA
57.	AWI/STC/0064	SIA Engineering Company Ltd	Installation of Sharklet device reinforced wing previously operated with wing tip fence.	Airbus A320	05-Nov-13	NA
58.	AWI/STC/0067	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-200	13-Nov-14	NA
59.	AWI/STC/0068	SIA Engineering Company Ltd	Installation of advertising devices on back of passenger seats	Airbus A319 Airbus A320	28-Aug-14	NA
60.	AWI/STC/0069	Air Comm Corporation	Installation of Cabin Air-conditioning System	AS350B AS350B1 AS350B2 AS350BA AS350B3	24-Sep-14	NA
61.	AWI/STC/0070	Teledyne Controls	Installation of Teledyne Controls, Wireless Groundlink Quick Access Recorder (WQAR)	Airbus A319 Airbus A320	14-May-15	NA
62.	AWI/STC/0071	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-300ER	4-May-15	NA

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63.	AWI/STC/0072	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-200	22-Oct-15	NA
64.	AWI/STC/0073	Singapore Airlines Ltd (Technical Services Department)	Cabin interior reconfiguration	Boeing 777-300ER	30-Apr-15	NA
65.	AWI/STC/0074	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-300	5-Jan-16	NA
66.	AWI/STC/0075	Delta Engineering	Update of Panasonic In-Flight Entertainment System to include EXK	Boeing 777-200	2-Jul-15	NA
67.	AWI/STC/0076	Delta Engineering	Update of a Panasonic In-Flight Entertainment System to include eX2.5	Boeing 777-300ER	29-Apr-15	NA
68.	AWI/STC/0077	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-300ER	28-Aug-15	NA

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69.	AWI/STC/0078	Singapore Airlines Ltd (Technical Services Department)	Installation of Premium Economy Seats	Airbus A380	5-Aug-15	NA
70.	AWI/STC/0079	Airbus Helicopters Canada Ltd	Installation of Cargo Pods	Airbus Helicopters EC130T2	22-Sep-15	NA
71.	AWI/STC/0080	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-300ER	26-Nov-15	NA
72.	AWI/STC/0081	Goodrich Cargo Systems Inc	Installation of Goodrich Freighter Common Turntables (FCT) for Main Deck Cargo Handling Systems	Boeing 747-400	05-Jan-16	NA
73.	AWI/STC/0082	Avionics Support Group Inc	Installation of an International Communications Group (ICG) ICS-120A/220A IRIDIUM Communication System	Airbus A319 Airbus A320	3-Feb-16	NA
74.	AWI/STC/0083	Aerometals Inc	Installation of the Aerometals Engine Inlet Filter System	Airbus Helicopters EC120B	15-Mar-16	NA



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75.	AWI/STC/0084	Jamco America Inc	Cabin interior reconfiguration	Boeing 777-300	7-Mar-16	NA
76.	AWI/STC/0085	Aerometals Inc	Installation of Aerometals Engine Inlet Filter System	AS350B3	5-Jul-16	NA
77.	AWI/STC/0089	JAMCO Aero Design & Engineering Pte Ltd	Cabin interior reconfiguration	Boeing 777-200	24-Feb-17	NA
78.	AWI/STC/0090	Airbus Helicopter Inc	Installation of Lead Acid Battery RG350 at the Aircraft Standard Battery Location	AS-350B2 AS-350B3	13-Dec-16	NA
79.	AWI/STC/0091	Monogram Systems	Installation of Toilet Assembly	Boeing 737-800 Boeing 777-200 Boeing 777-300 Boeing 777-300ER	17-May-17	NA
80.	AWI/STC/0093	Singapore Airlines Ltd (Technical Services Department)	Cabin Reconfiguration of Economy Class from 228 Seats to 184 seats	Boeing 777-300ER	15-Sep-17	NA

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81.	AWI/STC/0087	Carlisle Interconnect Technologies, Inc	Installation of the Outside Antenna Equipment Provisions for the ARINC 791 SATCOM System	Boeing 777-300 Boeing 777-300ER	28-Nov-17	NA
82.	AWI/STC/0086	Carlisle Interconnect Technologies, Inc	Installation and Activation of a Ka-Band SATCOM Equipment for the ARINC 791 SATCOM System	Boeing 777-300 Boeing 777-300ER	30-Nov-17	NA
83.	AWI/STC/0095	Genesys Aerosystems, Inc	New configuration of Electronic Flight Instrument System (EFIS) with Integrated Display Unit (IDU)-450	Airbus Helicopters EC120B	11-Dec-17	NA
84.	AWI/STC/0092	Bucher Leichtbau AG	Design Certification for Bucher Leichtbau 16G ATS 1123000-Series	Various	23-Mar-18	NA
85.	AWI/STC/0094	Singapore Airlines Ltd (Technical Services Department)	Installation of Bucher 16G ATS 1123000-Series on Airbus A350	Airbus A350-900	26-Apr-18	NA
86.	AWI/STC/0100	Singapore Technologies Aerospace Ltd	RF Sensor Suite Installation on Airbus Helicopters EC 120B	Airbus Helicopters EC120B	14-Jun-18	NA
87.	AWI/STC/0101	Astronics Armstrong Aerospace	Installation and activation of an Astronics webFB System and/or Flight Deck USB UltraLite Power System (Provisions for Class 2 EFB Systems)	Boeing 737-800	28-Sep-18	NA

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88.	AWI/STC/0096	Singapore Airlines Ltd	Installation of Bucher 16G ATS 1123000-Series on Boeing 787	Boeing 787-8 Boeing 787-9	28-Sep-18	NA
89.	AWI/STC/0104	Thales Avionics, Inc.	Installation of Thales Avionics Aircraft Connectivity Controller (ACC). The ACC is intended to provide connectivity of the aircraft while on ground for the purpose of loading/offloading Inflight Entertainment (IFE) content.	Airbus A350-941	20-Dec-18	NA
90.	AWI/STC/0105	Goodrich Cargo Systems, Inc.	Installation of castor panel in main deck cargo system.	Boeing 747-400F	4-Jan-19	NA
91.	AWI/STC/0108	Delta Engineering	Update of Panasonic Global Communication Suite (GCS)	Boeing 787-8 Boeing 787-9	13-Jun-19	NA
92.	AWI/STC/0107	DigEcor Inc	Installation of Passenger Service System (PSS) to cabin	Boeing 777-200	3-Jul-19	NA
93.	AWI/STC/0103	JAMCO Aero Design & Engineering Pte Ltd	This interior modification replaces all existing B/C and E/C seats with new premium E/C and E/C seats. Modifications will also be made to accommodate the new seating layout.	Boeing 777-200	3-Jul-19	NA
94.	AWI/STC/0109	ST Engineering Aerospace Ltd	Project System A & System P Installation	Airbus Helicopters EC120B	5-Aug-19	NA

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95.	AWI/STC/0110	Qantas Airways Limited	Replacement of existing Brice 1010SS passenger seats with B/E Pinnacle passenger seats on Airbus A320 aircraft	Airbus A320-232	14-Aug-19	NA
96.	AWI/STC/0106	Delta Engineering	Installation of a Panasonic Avionics Corporation Global Communications Suite	Boeing 777-300ER	20-Feb-20	NA
97.	AWI/STC/0117	Delta Engineering	T-PED Compatibility assessment for Panasonic Wireless and cellular system	Boeing 737-8	19-Jun-20	NA
98.	AWI/STC/0108	Delta Engineering	Update of Panasonic Global Communication Suite (GCS)	Boeing 787-8 Boeing 787-9 Boeing 787-10	8-Jul-20	NA
99.	AWI/STC/0118	ST Engineering Aerospace Ltd	Modification to repurpose passenger cabin to transport cargo by removal of all passenger seats	Airbus A320-232	20-Aug-20	NA