

Supplemental Type Certificate

Number **ST01433SE**

This certificate, issued to

**Israel Aerospace Industries LTD.
BedeK Aviation Group
LOD. 70100. Israel**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: **A1NM**
Make: **Boeing**
Model: **767-200**

Description of the Type Design Change: This Supplemental Type Certificate (STC) approves the conversion of a Boeing 767-200 passenger airplane configuration into a Special Freighter (SF). The freighter configuration is designated as 767-200SF. The 767-200SF design includes a main deck electronically operated left side cargo door control and warning panel design, Class E cargo compartment, accommodations for three (3) supernumeraries, a redesign of floor beams and posts, floor panels replacement, new 9g net design, new cargo loading system provisions, changes to passenger accommodations, control cable rerouted, a new smoke detection system design, a smoke barrier design, new lining design, and redesign of avionics and electrical system to accommodate freighter features. For details see IAI Master Document List (MDL) Number TR-368-00-00-94100.

Limitations and Conditions: The following FAA approved documents or later approved revisions, must be maintained as part of the permanent record for each modified airplane.
(See continuation on page two)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: **March 19, 2004**

Date reissued:

Date of issuance: **July 23, 2004**

Date amended: **July 10, 2009**

By direction of the Administrator



(Signature)

Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued

Document Number TR 368-			Description	Revision for FAA STC	Revision Date	Approval Authority
00	00	94619	B767-200 Conversion Compliance Check List	D	29.4.04	CAAI*
00	00	91708	Airplane Flight Manual Supplement for Boeing 767-200 Special Freighter	New	19.7.04	FAA
00	00	91716	A/C Effectivity list B767-200SF conversion	C	18.7.04	CAAI*
00	00	94100	Master Document List	G		CAAI*
00	00	91721	Drawing List 767-200 Conversion from Pax to Special Freighter	A	18.7.04	CAAI*
00	00	94101	767-200 Special Freighter Structural Repair Manual – Supplement to D634T201	A	23.7.04	CAAI*
00	00	94107	B767-200 Supplementary Maintenance Planning Document (MPD)	F	July 2004	CAAI/FAA
00	00	94653	Aircraft Maintenance Manual Supplement	New **	July 2004	CAAI*
08	00	94132	Supplement to Weight & Balance Control & Loading Manual	D	July 6, 2004	CAAI*
25	00	91554	Weight & Balance Control and Loading Manual – Supplement	A **	July 13, 2004	CAAI*
00	00	91405	Instructions for Continued Airworthiness – B767-200SF	New	December 2003	CAAI*
00	00	94037	767 Special Freighter AD's (SB's) Compliance	D	12.7.04	CAAI*

* FAA approval is delegated to CAAI

** Indicated document number is effective for the first airplane and may be different for additional airplanes

STC Applicability

The design approval under this STC is applicable to the design configuration of Boeing Model 767-281, Serial Number 23147. Applicability to other Boeing Model 767-200 series airplanes is identified in the IAI document TR368-00-00-91716.

STC Compatibility

The design approved under this STC is compatible with the 767-200 type design and other STC's incorporated in Boeing Model 767-281 Serial Number 23147 at the time of approval. Compatibility of this design change with other previously approved designs or modifications on any Model 767-200 Series airplanes must be determined by the user and installer of the approved data.

Rights to Design Data and Installation of the Data

Possession of the STC document does not constitute rights to the design data or installation of the approved design data. The STC and its supporting data (drawings, instructions, specifications, etc.) are the property of the STC holder. It is incumbent upon the user to contact the STC holder to obtain rights for the use of the STC and the design data contained herein. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

Availability of Copies of STC

Anyone may request a copy of the STC in writing. An FAA response letter must accompany copies of the STC with the following statement referencing the STC number: "Possession of the Supplemental Type Certificate does not constitute rights to the installation of the modification or the design data contained therein. The STC and related

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

UnitedStatesofAmerica

DepartmentofTransportation FederalAviationAdministration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

information (drawings, data specifications etc.) are the property of the STC holder. The Federal Aviation Administration will not release proprietary data without authorization from the holder. The user is required to obtain installation approval and/or data rights from the STC holder.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued

Certification Basis:

The certification basis of the IAI 767-200SF is based on 14CFR, Part 21; § 21.115, § 21.19, and § 21.101 and FAA guidance in Order 8110.48, is as follows:

For parts not changed or not affected by the conversion from B767-200 passenger to 767-200 SF, the type certification basis is as shown on the Type Certificate Data Sheet (TCDS) A1NM for the 767-200.

For parts changed or affected by the change the certification basis is based upon 14 CFR, Part 25, as amended by amendment 101, since the reference date of application is, March 19, 2001. Based on 14CFR, § 21.115 and § 21.101; and the FAA policy for significant changes in Order 8110.48, the certification basis for the IAI 767-200SF was determined to be as follows:

14 CFR	Description	Amdt, Utilized	Comments
Subpart A – General			
25.1	Applicability	00	
25.2	Special Retroactive Requirements	99	
Subpart B-Flight			
General			
25.21	Proof of Compliance	72	
25.23	Load Distribution Limits	00	
25.25	Weight Limits	23	(1)
25.27	Center of Gravity Limits	00	
25.29	Empty Weight and Corresponding Center of Gravity	72	
Performance			
25.101	General	38	(2)
25.103	Stalling Speed	00	(2)
25.105	Takeoff	00	(2)
25.107	Takeoff Speeds	42	(2)
25.109	Accelerate-Stop Distance	00	(2)
25.111	Takeoff Path	42	(2)
25.113	Takeoff Distance and Takeoff run	23	(2)
25.115	Takeoff Flight Path	00	(2)
25.117	Climb: General	00	(2)
25.119	Landing Climb: All-Engine-Operating	00	(2)
25.121	Climb: One-Engine-Inoperative	00	(2)
25.123	En Route Flight Paths	00	(2)
25.125	Landing	00	(2)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
Controllability and Maneuverability			
25.143	General	42	(2)
25.145	Longitudinal Control	23	(2)
25.147	Directional and Lateral Control	42	(2)
25.149	Minimum Control Speed	42	(2)
Trim			
25.161	Trim	38	(2)
Stability			
25.171	General	7	(2)
25.173	Static Longitudinal Stability	7	(2)
25.175	Demonstration of Static Longitudinal Stability	7	(2)
25.177	Static Lateral-Directional Stability	42	(2)
25.181	Dynamic Stability	42	(2)
Stalls			(2)
25.201	Stall Demonstration	42	(2)
25.203	Stall Characteristics	00	(2)
25.207	Stall Warning	42	(2)
Ground and Water Handling Characteristics			
25.231	Longitudinal Stability and Control	00	(2)
25.233	Directional Stability and Control	42	(2)
25.235	Taxiing Condition	00	(2)
25.237	Wind Velocities	42	(2)
25.239	Spray Characteristics, Control, and Stability on Water	N/A	
Miscellaneous Flight Requirements			
25.251	Vibration and Buffeting	23	(2)
25.253	High-Speed Characteristics	23	(2)
25.255	Out-of-Trim Characteristics	42	(2)
Subpart C-Structure			
General			
25.301	Loads	23	
25.321	General	23	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
Flight Maneuver and Gust			
25.331	General	23	
25.333	Flight Envelope	00	
25.335	Design Airspeeds	23	(2)
25.337	Limit Maneuvering Load Factors	23	
25.341	Gust Loads	00	
25.343	Design Fuel and Oil Loads	18	
25.345	High Lift Devices	46	
25.349	Rolling Conditions	23	
25.351	Yawing Conditions	46	
Supplementary Conditions			
25.361	Engine Torque	23	(2)
25.363	Side Load on Engine Mount	23	(2)
25.365	Pressurized Compartment Loads	54	
25.367	Unsymmetrical Loads Due to Engine Failure	00	(2)
25.371	Gyroscopic Loads	00	(2)
25.373	Speed Control Devices	00	(2)
Control Surface and System Loads			
25.391	Control Surface Loads: General	00	(2)
25.393	Loads Parallel to hinge Line	00	(2)
25.395	Control System	23	
25.397	Control System Loads	38	
25.399	Dual Control System	00	
25.405	Secondary Control System	00	
25.407	Trim Tab Effects	00	(2)
25.459	Special Devices	00	(2)
Ground Loads			
25.471	General	23	
25.473	Ground Load Conditions and Assumptions	23	
25.477	Landing Gear Arrangement	00	(2)
25.479	Level Landing Conditions	23	(2)
25.481	Tail-Down Landing Condition	00	
25.483	One-Wheel Landing Conditions	00	
25.485	Side Load Conditions	00	
25.487	Rebound Landing Conditions	00	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.489	Ground Handling Conditions	23	
25.491	Takeoff Run	00	
25.493	Braked Roll Conditions	23	
25.495	Turning	00	
25.497	Tail-Wheel Yawing	00	
25.499	Nose-Wheel Yaw	23	
25.503	Pivoting	00	
25.507	Reversed Braking	00	
25.509	Towing Loads	23	
25.511	Ground Load: Unsymmetrical Loads on Multiple-Wheel Units	00	
25.519	Jacking and Tie-Down Provisions	00	(2)
Water Loads			
25.521	General	N/A	
25.523	Design Weights and Center of Gravity Positions	N/A	
25.525	Application of Loads	N/A	
25.535	Auxiliary Float Loads	N/A	
25.537	Seawing Loads	N/A	
Emergency Landing Conditions			
25.561	General	91	
25.562	Emergency Landing Dynamic Conditions	00	
25.563	Structural Ditching Provisions	00	
Fatigue Evaluation			
25.571	Damage-Tolerance and Fatigue Evaluation of Structure	54	
Lightning Protection			
25.581	Lightning Protection	23	
Subpart D-Design and Construction			
General			
25.601	General	00	
25.603	Materials	46	
25.605	Fabrication Methods	46	
25.607	Fasteners	23	
25.609	Protection of Structure	00	
25.611	Accessibility Provisions	23	
25.613	Material Strength Properties and Design Values	72	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.629	Aeroelastic Stability Requirements	46	
25.631	Bird Strike Damage	23	(2)
Control Surfaces			
25.651	Proof of Strength	00	(2)
25.655	Installation	00	(2)
25.657	Hinges	23	(2)
Control Systems			
25.671	General	23	
25.672	Stability Augmentation and Automatic and Power Operated Systems	23	(2)
25.675	Stops	38	(2)
25.677	Trim Systems	23	(2)
25.679	Control System Gust Locks	00	(2)
25.681	Limit Load Static Tests	00	
25.683	Operation Tests	23	
25.685	Control System Details	38	
25.689	Cable Systems	00	
25.693	Joints	00	(2)
25.697	Lift and Drag Devices, Controls	46	(2)
25.699	Lift and Drag Device Indicator	23	(2)
25.701	Flap and Slat Interconnection	23	(2)
25.703	Takeoff Warning System	42	(2)
Landing Gear			
25.721	General	32	(2)
25.723	Shock Absorption Tests	N/A	
25.725	Limit Drop Tests	N/A	
25.727	Reserve Energy Absorption Drop Test	N/A	
25.729	Retracting Mechanism	42	(2)
25.731	Wheels	00	(2)
25.733	Tires	49	(2)
25.735	Brakes	23	(2)
25.737	Skis	N/A	
Floats and Hulls			
25.771	Pilot Compartment	04	(2)
25.772	Pilot Compartment Doors	33	(2)
25.773	Pilot Compartment View	23	(2)
25.775	Windshields and Windows	38	(2)
25.777	Cockpit Controls	46	
25.779	Motion and Effect of Cockpit Controls	72	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.781	Cockpit Control Knob Shape	00	(2)
25.783	Doors	88	
25.785	Seats, Berths, Safety Belts, and Harnesses	88	
25.787	Stowage Compartments	51	
25.789	Retention of Items of Mass in Passenger and Crew Compartments and Galleys	46	
25.791	Passenger Information Signs and Placards	72	
25.793	Floor Surfaces	51	
Emergency Provisions			
25.801	Ditching	72	
25.803	Emergency Evacuation	72	
25.807	Emergency Exits	94	
25.809	Emergency Exit Arrangement	72	
25.810	Emergency Egress Assist Means and Escape Routes	88	
25.811	Emergency Exit Marking	88	
25.812	Emergency Lighting	88	
25.813	Emergency Exit Access	88	
25.815	Width of Aisle	N/A	
25.817	Maximum Number of Seats Abreast	N/A	
25.833	Combustion Heating Systems	N/A	
Pressurization			
25.841	Pressurized Cabins	38	
25.843	Tests for Pressurized Cabins	00	
Fire Protection			
25.851	Fire Extinguishers	74	
25.853	Compartment Interiors	83	
25.854	Lavatory Fire Protection	N/A	
25.855	Cargo or Baggage Compartments	93	
25.857	Cargo Compartment Classification	93	
25.858	Cargo Compartment Fire Detection Systems	93	
25.859	Combustion Heater Fire Protection	N/A	
25.863	Flammable Fluid Fire Protection	46	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.865	Fire Protection of flight Controls, Engine Mounts, and other Flight Structure	23	(2)
25.867	Fire Protection: Other Components	23	(2)
25.869	Fire Protection: Systems	72	
Miscellaneous			
25.871	Leveling Means	23	
25.875	Reinforcement Near Propellers	N/A	
Subpart E-Powerplant			
General			
25.901	Installation	40	(2)
25.903	Engines	100	
25.904	Automatic Takeoff Thrust Control System (ATTCS)	00	(2)
25.905	Propellers	00	(2)
25.907	Propeller Vibration	00	(2)
25.925	Propeller Clearance	00	(2)
25.929	Propeller Deicing	00	(2)
25.933	Reversing Systems	00	(2)
25.934	Turbojet Engine Thrust Reverser System Tests	23	(2)
25.937	Turbopropeller-Drag Limiting Systems	00	(2)
25.939	Turbine Engine Operating Characteristics	40	(2)
25.941	Inlet, Engine, and Exhaust Compatibility	38	(2)
25.943	Negative Acceleration	40	(2)
25.945	Thrust or Power Augmentation System	40	(2)
Fuel System			(2)
25.951	General	38	(2)
25.952	Fuel System Analysis and Test	40	(2)
25.953	Fuel System Independence	00	(2)
25.954	Fuel System Lightning Protection	14	(2)
25.955	Fuel Flow	11	(2)
25.957	Flow Between Interconnected Tanks	00	(2)
25.959	Unusable Fuel Supply	40	(2)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.961	Fuel System Hot Weather Operation	11	(2)
25.963	Fuel Tanks: General	40	(2)
25.965	Fuel Tank Tests	40	(2)
25.967	Fuel Tank Installations	00	(2)
25.969	Fuel Tank Expansion Space	11	(2)
25.971	Fuel Tank Sump	00	(2)
25.973	Fuel Tank filler Connection	40	(2)
25.975	Fuel Tank Vents and Carburetor Vapor Vents	00	(2)
25.977	Fuel Tank Outlet	36	(2)
25.979	Pressure Fueling System	38	(2)
25.981(a)(3) and (b),	Fuel Tank Ignition Prevention	102	
Fuel System Components			
25.991	Fuel Pumps	00	(2)
25.993	Fuel System Lines and Fittings	15	(2)
25.994	Fuel System Components	00	(2)
25.995	Fuel Valves	40	(2)
25.997	Fuel Strainer or Filter	36	(2)
25.999	Fuel System Drains	38	(2)
25.1001	Fuel Jettisoning System	18	(2)
Oil System			(2)
25.1011	General	00	(2)
25.1013	Oil Tanks	36	(2)
25.1015	Oil Tank Tests	36	(2)
25.1017	Oil Lines and Fittings	00	(2)
25.1019	Oil Strainer or Filter	36	(2)
25.1021	Oil System Drains	00	(2)
25.1023	Oil Radiators	00	(2)
25.1025	Oil Valves	00	(2)
25.1027	Propeller Feathering System	38	(2)
Cooling			(2)
25.1041	General	38	(2)
25.1043	Cooling Tests	42	(2)
25.1045	Cooling Test Procedures	00	(2)
Induction System		N/A	(2)
25.1091	Air Induction	40	(2)
25.1093	Induction System Icing Protection	40	(2)
25.1101	Carburetor Air Preheater Design	00	(2)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.1103	Induction System Ducts and Air Duct Systems	46	(2)
25.1105	Induction System Screens	00	(2)
25.1107	Inter-Coolers and After-Coolers	00	(2)
Exhaust System			
25.1121	General	40	(2)
25.1123	Exhaust Piping	40	(2)
25.1125	Exhaust Heat Exchangers	38	(2)
25.1127	Exhaust Driven Turbo-Superchargers	00	(2)
Powerplant Controls and Accessories			
25.1141	Powerplant Controls: General	40	(2)
25.1142	Auxiliary Power Unit Controls	46	(2)
25.1143	Engine Controls	38	(2)
25.1145	Ignition Switches	40	(2)
25.1147	Mixture Controls	00	(2)
25.1149	Propeller Speed and Pitch Controls	00	(2)
25.1153	Propeller Feathering Controls	11	(2)
25.1155	Reverse Thrust and Propeller Pitch Settings Below the Flight Regime	11	(2)
25.1157	Carburetor Air Temperature Controls	00	(2)
25.1159	Supercharger Controls	00	(2)
25.1161	Fuel Jettisoning System Controls	00	(2)
25.1163	Powerplant Accessories	00	(2)
25.1165	Engine Ignition Systems	23	(2)
25.1167	Accessory Gearboxes	38	(2)
Powerplant Fire Protection			
25.1181	Designated Fire Zones; Regions Included	23	(2)
25.1182	Nacelle Areas Behind Firewalls, and Engine Pod Attaching Structures Containing Flammable Fluid Lines	11	(2)
25.1183	Flammable Fluid-Carrying Components	00	(2)
25.1185	Flammable Fluids	19	(2)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.1187	Drainage and Ventilation of Fire Zones	00	(2)
25.1189	Shutoff Means	23	(2)
25.1191	Firewalls	00	(2)
25.1192	Engine Accessory Section Diaphragm	23	(2)
25.1193	Cowling and Nacelle Skin	00	(2)
25.1195	Fire Extinguishing Systems	00	(2)
25.1197	Fire Extinguishing Agent	40	(2)
25.1199	Extinguishing Agent Containers	40	(2)
25.1201	Fire Extinguishing System Materials	00	(2)
25.1203	Fire-Detector System	26	(2)
25.1207	Compliance	00	(2)
Subpart F-Equipment			
General			
25.1301	Function and Installation	00	
25.1303	Flight and Navigation Instruments	38	(2)
25.1305	Powerplant Instruments	38	(2)
25.1307	Miscellaneous Equipment	72	
25.1309	Equipment, Systems, and Installations	41	
25.1316	System Lightning Protection	80	
Instruments: Installation			
25.1321	Arrangement and Visibility	41	(2)
25.1322	Warning, Caution, and Advisory Lights	38	
25.1323	Airspeed Indicating System	00	(2)
25.1325	Static Pressure Systems	41	
25.1326	Pitot Heat Indication Systems	43	(2)
25.1327	Magnetic Direction Indicator	00	(2)
25.1329	Automatic Pilot System	00	(2)
25.1331	Instruments Using a Power Supply	41	(2)
25.1333	Instrument Systems	23	(2)
25.1335	Flight Director Systems	41	(2)
25.1337	Powerplant Instruments	40	(2)
Electrical Systems and Equipment			
25.1351	General	72	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.1353	Electrical Equipment and Installations	42	
25.1355	Distribution System	38	
25.1357	Circuit Protective Devices	00	
25.1363	Electrical System Tests	00	
Lights			
25.1381	Instrument Lights	00	(2)
25.1383	Landing Lights	00	(2)
25.1385	Position Light System Installation	38	(2)
25.1387	Position Light System Dihedral Angles	30	(2)
25.1389	Position Light Distribution and Intensities	00	(2)
25.1391	Minimum Intensities in the Horizontal Plane of Forward and Rear Position Lights	00	(2)
25.1393	Minimum Intensities in any Vertical Plane of Forward and Rear Position Lights	00	(2)
25.1395	Maximum Intensities in Overlapping Beams of Forward and Rear Position Lights	00	(2)
25.1397	Color Specifications	27	(2)
25.1399	Riding Light	N/A	(2)
25.1401	Anticollision Light System	41	(2)
25.1403	Wing Icing Detection Lights	38	(2)
Safety Equipment			
25.1411	General	79	
25.1415	Ditching Equipment	82	
25.1419	Ice Protection	23	(2)
25.1421	Megaphones	N/A	
25.1423	Public Address System	79	
Miscellaneous Equipment			
25.1431	Electronic Equipment	00	
25.1433	Vacuum Systems	00	(2)
25.1435	Hydraulic Systems	41	(2)
25.1438	Pressurization and Pneumatic Systems	41	
25.1439	Protective Breathing Equipment	38	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
25.1441	Oxygen Equipment and Supply	00	
25.1443	Minimum Mass flow of Supplemental Oxygen	00	
25.1445	Equipment Standards for the Oxygen Distributing System	00	
25.1447	Equipment Standards for Oxygen Dispensing Units	87	
25.1449	Means for Determining Use of Oxygen	00	
25.1450	Chemical Oxygen Generators	41	N/A
25.1453	Protection of Oxygen Equipment from Rupture	00	
25.1543	Instrument Markings: General	72	
25.1545	Airspeed Limitation Information	00	(2)
25.1547	Magnetic Direction Indicator	00	(2)
25.1549	Powerplant and Auxiliary Power Unit Instruments	40	(2)
25.1551	Oil Quantity Indication	00	(2)
25.1553	Fuel Quantity Indicator	00	(2)
25.1555	Control Markings	00	
25.1557	Miscellaneous Markings and Placards	72	
25.1561	Safety Equipment	46	
25.1563	Airspeed Placard	00	(2)
Airplane Flight Manual			
25.1581	General	72	
25.1583	Operating Limitations	72	
25.1585	Operating Procedures	46	
25.1587	Performance Information	42	(2)
Appendix A	Basic Landing Gear Placement	N/A	
Appendix B	Basic Seaplane Configuration	N/A	
Appendix C	Icing	00	(2)
Appendix D	Criteria for Determining Minimum Flight Crew	03	(2)
Appendix E	Aircraft Equipped with Standby Power	06	(2)
Appendix F	Showing Compliance to §25.853 or §25.855 (flammability)	94	

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01433SE**

Limitations and Conditions: Continued - Certification Basis

14 CFR	Description	Amdt, Utilized	Comments
Appendix G	Continuous Gust Design Criteria	00	
Appendix H	Instructions for Continuous Airworthiness	54	
Appendix I	Installation of an Automatic Takeoff Thrust Control System (ATTCS)	N/A	
Appendix J	Emergency Evacuation	N/A	

Exemptions

The FAA has granted one Exemption Number 8350A for § 25.810(a)(1), § 25.857(e), and § 25.1447(c)(1) of Title 14, Code of Federal Regulations.

Special Conditions

None

Equivalent Level of Safety Findings

None

The following indicate the different footnotes utilized in the tabulated certification basis:

- (1) § 25.25: The airplane weights limits are not affected by this change.
- (2) These rules are not applicable to this change.

STC Amendment, July 2009:

Incoming Airplane Configuration:

This amendment approves installation of the IAI 767-200SF freighter conversion design on Airborn Express (ABX) 767-200 passenger airplanes previously modified to a package carrier (PC) per ABX owned three STCs
 ST01669AT-D: Main Deck and lower Lobe Floor Cargo Handling System (CHS)
 ST01670AT-D: Class "E" Provisions, Environmental Control System and Smoke Detection System
 ST01671AT-D: Main Deck and Lower Lobe Floor Modification and the 9G.Restraint System

Description of the Design Change:

The following additional changes in the 767-200SF design are approved for installation on airplanes previously modified to package carrier configuration:

- a. A double supernumerary's seat, a PSU with lights, gaspers and oxygen masks and descent devices for emergency egress through the RH flight deck window are retained as installed on the incoming ABX airplane. The SF supernumerary's triple seat and PSU are not installed in the area behind the flight deck.
- b. A galley and a closet installation in the area behind the flight deck are retained as installed on the incoming ABX airplane. The IAI 767-200SF galley is not installed in PC to SF configuration.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate**(Continuation Sheet)***Number* **ST01433SE***Limitations and Conditions:* Continued - Certification Basis

- c. A galley and a closet installation in the area behind the flight deck are retained as installed on the incoming ABX airplane. The IAI 767-200SF galley is not installed in PC to SF configuration.
- d. Service door 1R permanently deactivated and external opening mechanism of flight deck window 2L are retained as modified and certified on the incoming ABX airplane.
- e. A flushing system toilet with an external service panel is installed, replacing the SF vacuum system toilet.

The following FAA approved documents, or later approved revisions, must be maintained as part of the permanent record for each airplane modified from Package Carrier (PC) to Special Freighter (SF):

Document Number TR 368-			Description	Revision for FAA STC	Revision Date	Approval Authority
00	00	91708- PCA	Airplane Flight Manual Supplement for Boeing 767-200 Special Freighter	New	March 1, 09	CAAI**
00	00	91716	A/C Effectivity list B767-200SF conversion	BJ		CAAI*
00	00	94100	Master Document List	BN		CAAI*
00	00	94107	B767-200 Supplementary Maintenance Planning Document (MPD)	P		CAAI/FAA

* FAA approval is delegated to CAAI

** AFM supplement is derived from FAA approved SF supplement 368-00-00-91708, incorporating changes as imposed by exemption 8350B for flight deck seated supernumeraries.

STC Applicability

The design approval of the configuration for the conversion from PC to SF is applicable to the design configuration of Airplane Serial Number 23145, Applicability to other Boeing Model 767-200 series serial number airplanes is identified in the IAI document TR368-00-00-91716.

STC Compatibility

The design approved under this STC amendment is compatible with STCs ST01669AT-D, ST01670AT-D & ST01671AT-D and other STCs incorporated in Boeing Model 767-281 Serial Number 23145 at the time of approval. Compatibility of this design change with other previously approved designs or modifications on any Model 767-200 Series airplanes must be determined by the user and installer of the approved data.

Certification Basis

The certification basis of the IAI 767-200SF is based on 14CFR, Part 21; § 21.115, § 21.19, and § 21.101 and FAA guidance in Order 8110.48. The changes approved by this amendment have the same certification basis as listed in this STC for the basic 767-200SF configuration.

Exemptions

The FAA has granted for the configuration of airplanes modified from PC to SF an additional Exemption Number 8350B for § 25.807(g)(1).

Part 26 Regulations

Based on § 21.101(g), applicable provisions of part 26 are included in the certification basis. For any future part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections.

----- **END** -----

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.
