

# ***European Aviation Safety Agency***

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## **EASA SUPPLEMENTAL TYPE-CERTIFICATE DATA SHEET**

**IAI/Bedek Aviation Group Boeing 767-200  
Special Freighter Conversion  
(EASA STC: EASA.IM.A.S.00632, including Revision 1)**

**Aircraft Manufacturer: Boeing**

The Boeing Company  
P.O. Box 3707  
Seattle, WA 98124-2207  
USA

**STC Holder: Israel Aircraft Industries**

Bedek Aviation Group  
Department 1090  
Ben-Gurion International Airport  
Israel

For variants: 767-200

Issue 03: 23 February 2011

## TABLE OF CONTENT

<b>SECTION 1: GENERAL</b>	<b>3</b>
<b>SECTION 2: (-200 VARIANT: -200SF)</b>	<b>4</b>
I General	4
II Certification Basis	4
III Technical Characteristics and Operational Limitations	5
IV Operating and Service Instructions	5
V Notes	6

**NOTE**

**This Type Certificate Data Sheet is supplemental to the TCDS for the basic aircraft (TCDS.IM.A.035). Paragraph numbering is consistent with the TCDS of the basic aircraft. Any paragraph not included in this TCDS is therefore unchanged from the basic aircraft TCDS.**

**Issue 2 of the referenced STC is to incorporate a weight increase as identified in section 2.III.12.**

**SECTION I GENERAL**

- |      |  |   |
|------|--|---|
| 1.   | Data Sheet No:                               | TCDS.IM.A.S.00632   |
| 2.   | Airworthiness Category:                      | Large Aeroplanes  |
| 3.   | Performance Category:                        | A   |
| 4.   | Certifying Authority, Aircraft:<br>(Address) | Federal Aviation Administration (USA)<br>Seattle Aircraft Certification Office,<br>1601 Lind Avenue S.W.<br>Renton, WA 98055-4056<br>United States of America |
| 4.1. | Certifying Authority, STC:<br>(Address)      | Civil Aviation Authority of Israel<br>P.O. Box 8<br>Ben-Gurion International Airport<br>Israel, 70100   |
| 5.   | Type Certificate Holder:<br>(Address)        | The Boeing Company<br>P.O. Box 3707<br>Seattle, WA 98124-2207<br>United States of America   |
| 5.1. | STC Holder:<br>(Address)                     | Israel Aircraft Industries<br>Bedek Aviation Group<br>Ben-Gurion International Airport<br>Israel, 70100   |

## **SECTION 2 (-200SF)**

### **I. General**

1. Aircraft: B767-200 converted by EASA STC (EASA.IM.A.S.00632) referenced as B767-200SF.
2. EASA STC Certification Date: 17 March 2005
- 2.1. EASA STC Validation Application Date: 22 December 2003  
(Note: Effective date of applicable regulation is CAAI Reference Application Date)

### **II. STC Certification Basis**

1. CAAI Certification Date: 14 July 2004
- 1.1 CAAI Reference Application Date: 19 March 2001
2. CAAI Certification Basis:

Refer to FAA Type Certificate Data Sheet No A1NM for unchanged areas. FAR 25 Amendment 25-1 through 25-101 for changed areas except for reversions as follows:

Amendment 46 (25.345, .351, .629, .697, .1522)

Amendment 49 (25.733)

Amendment 54 (25.365, .571, Appendix H)

3. EASA Validation Basis: In accordance with Regulation (EC) 1702/2003

Basic aircraft as per EASA TCDS IM.A.035 for unaffected areas and JAR 25@ change 15 for changed areas.

Equivalence to CAAI certification basis accepted except for the following Validation Items and Significant Regulatory Differences

JAR-25@ change 15, paragraphs:

.301, .307, .331, .365, .561, .562, .571, .581, .603, .621, .671, .783, .785, .807, .810, .811, .813, .855, .857, .858, .865, .899, .903, .1309, .1351, .1431, .1438.

NPA 25D-301, rev 1.

Including the following special conditions, as detailed below.

New EASA Special Condition:

CRI D-01 Class E Cargo Compartments - Essential Systems Fire Protection,  
INT/POL/25/15

New EASA Equivalent Safety Findings:

CRI D-02 An Equivalent Safety Finding exists with respect to the installation of a Supernumary Seating Area for transportation of certain categories of persons without complying with specified passenger-carrying requirements.

### **III. Technical Characteristics and Operational Limitations**

1. STC Design Definition: IAI MDL TR 368-00-00-94100  
(Notes 2 & 3).

12. Maximum Certified Weights:

	<u>Pounds</u>	<u>Kilograms</u>
MTW	352,200	159,755
MTOW	351,000	159,210
MLW	283,000	128,367
MZFW	266,000	120,657

17. Minimum Flight Crew: Two (2): Pilot and Co-pilot, for all types of flight

18. Maximum Seating Capacity:

Maximum Passengers: Maximum Passenger Capacity 5 Persons

Note: Not for the carriage of passengers, persons carried are for the safe operation of the flight and cargo as defined in the IAI Airplane Flight Manual supplement.

19. Exits:

Two exits in main deck courier area. Decent Devices in-place of Door Slides.

20. Baggage/Cargo Compartment: See Weights and Balance Manual

Location	Class	Usable Volume (m <sup>3</sup> )
Fwd	C	1,945 cu. ft. = 55.08 m <sup>3</sup>
Aft	C	1,623 cu. ft. = 45.96 m <sup>3</sup>
Bulk	C	430 cu. ft. = 12.18 m <sup>3</sup>
Main Deck	E	11,900 cu. ft. = 336.97 m <sup>3</sup>

### **IV. Operating and Service Instructions**

1. Flight Manual Supplement:

IAI Flight Manual Supplement 368-00-00-91713  
IAI Weight and Balance Supplement 368-08-00-94625

2. Mandatory Maintenance Instructions:

Limitations Section of the IAI Maintenance Manual Supplement Document.  
(Note 4)

3. Service Letters and Service Bulletins:

As published by IAI.

## V Notes

1. Additional information is provided in FAA TCDS A1NM and EASA TCDS IM.A.035.
2. AAR STC (EASA.IM.A.S.00633) covers the Cargo Loading System.
3. LiteAir STC (EASA.IM.A.S.01079) covers the Window Plugs (Optional).
4. Incorporation of this STC affects AD compliance with either terminating action or additional means of compliance as detailed below:

### **Terminated ADs:**

85-13-02	Cargo Ventilation System
86-06-06	Emergency Evacuation Slides
86-07-09	Cargo Compartment Smoke Detectors
86-07-10	Slide/Raft Packboard
87-25-09	Door Dust Cover
89-07-10	Integrator Hook
89-16-11	Pivot Bolts
89-19-03	Cabin Partitions
89-26-06	Oxygen Generators
90-01-05	Entry/Service Doors
90-10-09	Oxygen Generator
90-15-05	Off-Wing Evacuation System
90-22-04	Escape Slides
92-07-12	Off-Wing Escape System
92-07-13	Girt Bar Carrier
92-08-05	AFT Galley Tire Rods
92-10-01	Inboard Spoilers
93-01-19	Entry/Service Door
93-05-08	Smoke Detectors
95-08-11	Escape Slide
95-15-01	Over-Wing Escape Slide
95-18-03	Ramp/Slide Evacuation System
98-07-13	Wire Bundles Above Main Passenger Door
2000-11-19	Escape Slide
2000-15-16	Oxygen System
2001-10-14	Passenger Oxygen System
2001-14-13	Airplane Operations Manuals--Passenger Entertainment System (PES)
2001-16-20	In-Flight Entertainment System
2001-16-21	In-Flight Entertainment System
2001-26-19	Entry or Service Door
2001-26-09	Water line heater tape
2003-13-03	Prevent interference with venting during a rapid decompression in bulk cargo compartment
2003-14-10	Prevent chafing of the wire bundles of the video control center (VCC)
2004-16-10	Prevent the door-opening actuators for the off -wing slide compartment from not fitting
2005-20-05	Failure of the attachment of the 9g tie rods to the center overhead stowage bin;
2005-23-19	Outboard overhead stowage bins
2005-25-23	Off-wing emergency escape slide;
2006-11-06	Replacing the placards on certain stowage bins with new placards;

2008-03-05	Replacing the shear-pin restraints with new ones;
2008-06-27	Replacing the shear-pin restraints with new ones;
2008-13-21	Inspection and/or replacing defective oxygen masks with masks that have a better flow indicator;
2008-21-05	Prevent injury to personnel and passengers during an emergency evacuation
2008-23-15	Requires installing new relays, circuit breakers and wiring to allow the flightcrew to turn off electrical power to the IFE systems;
2009-04-12	Failure of an entry or service door to open fully in the event of an emergency evacuation
2009-20-02	Replacement of escape slides and latches

**AMOCs:**

83-09-04	Passenger or Service Doors
86-02-01	Entry/Service Door Operating Mechanisms
86-04-08	Counterbalance Gearbox Assembly
86-22-11	Entry/Service Door
89-03-51	Fire Protection System
90-08-13	Ventilation Fan Wire Bundles
2000-26-05	Environmental Control System (ECS)
2001-24-02	Shoulder Restraint Harness Attachment
2003-20-08	Prevent detachment of the shoulder restraint harness
2004-19-06R1	Detect and correct fatigue cracking or corrosion of the failsafe straps
2008-02-16	To prevent potential electrical arc from igniting the BMS 8-39 polyurethane foam insulation on the duct assemblies or ECS;
2010-06-16	Fuselage Skin Scribe Marks at Lap Joints