European Aviation Safety Agency

EASA

SUPPLEMENTAL TYPE-CERTIFICATE DATA SHEET

IAI/Bedek Aviation Group Boeing 767-300 Special Freighter Conversion (EASA STC:10028430 Revision 1)

Aircraft Manufacturer: Boeing

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

STC Holder: Israel Aerospace Industries

Bedek Aviation Group
Ben-Gurion International Airport
Israel

For variants: 767-300 PAX

Issue 02:: 23 February 2011

TABLE OF CONTENT

NOTE

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

SECTION I GENERAL

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

SECTION 2 (-300BDSF)

I. General

1. Aircraft: B767-300 PAX converted by EASA STC (10028430) referenced as B767-300BDSF.

2. EASA STC Certification Date: 08 Janurary 2010

2.1. EASA STC Validation Application Date: 5 June 2007
(Note: Effective date of applicable regulation is CAAI Reference Application Date)

II. STC Certification Basis

1. CAAI Certification Date: 17 December 2009

1.1 CAAI Reference Application Date: 02 November 2006

2. CAAI Certification Basis:

Refer to FAA Type Certificate Data Sheet No A1NM for unchanged areas. FAR 25 Amendment 25-1 through 25-119 for changed areas except for reversions as follows:

Amendment 00 (25.333, 341, 481, 483, 485, 491)
Amendment 18 (25.343)
Amendment 23 (25.321, 331, 349, 473, 479, 499)
Amendment 38 (25.841)
Amendment 46 (345, 351, 629)
Amendment 54 (25.365(e)(2) only, 571)
Amendment 87 (25.831 except paragraph g)

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

Basic aircraft as per EASA TCDS IM.A.035 for unaffected areas and CS 25 Amnd 2 for changed areas.

Equivalence to CAAI certification basis accepted except wher identified.

Including the following special conditions, as detailed below.

New EASA Special Condition:

CRI D-02 Fuselage Doors
CRI D-03 Class E Cargo Compartments – Essential Systems Fire Protection
CRI H-01 Enhanced Airworthiness Programme for Aeroplane Systems – ICA on EWIS

New EASA Equivalent Safety Findings:

CRI D-01 Carriage of Supernumeraries on Flight Deck
CRI D-04 Improved Flammability Standards for Thermal/ Acoustic Insulation Materials
CRI D-05 Inadvertent detection of Smoke in Lower Lobe Class C Cargo Compartments

III. Technical Characteristics and Operational Limitations

1. STC Design Definition: IAI MDL TR 371-00-00-C0010

12. Maximum Certified Weights:

	Pounds	Kilograms
MTW	413,000	187,334
MTOW	412,000	186,880
MLW	326,000	147,871
MZFW	309,000	140,160

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

18. Maximum Seating Capacity:

Passenger Capacity 4 Persons. Maximum total occupancy 6 persons including crew.

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:

Emergency exits are door 1L and flight deck windows 2L and 2R. Descent Device in place of 1L Door Slide.

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

Location	Class	Usable Volume
Fwd	C	2500 cu. ft. = 70.75 m^3
Aft	C	2270 cu. ft. = 64.24 m^3
Bulk	C	341 cu. ft. = 9.65 m^3
Main Deck	E	14572.9 cu. ft. = 412.4 m^3

IV Operating and Service Instructions

1. Flight Manual Supplement:

IAI Airplane Flight Manual Supplement 371-00-00-C0490
IAI Weight and Balance Supplement 371-08-00-C0510

2. Mandatory Maintenance Instructions:

Limitations Section of the IAI Maintenance Planning Document Supplement 368-00-00-94107. (See also 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. An Approved Cargo Loading System must be installed.
3. LiteAir STC (EASA.IM.A.S.01079) covers the Window Plugs .
4. Incorporation of this STC affects AD compliance, either as terminating action or additional means of compliance as detailed below:

Terminated ADs:

86-06-06	Emergency Evacuation Slides
86-07-09	Cargo Compartment Smoke Detectors;
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 Tie Rods;
92-10-01	Inboard Spoilers
92-16-17	Emergency -off-wing Compartment Door Latch Replacement and Keeper Inspection;
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;
2001-08-22	Potable Water Fill Line Tube;
2001-10-14	Passenger Oxygen System;
2003-13-03	Prevent interference with venting during a rapid decompression in bulk cargo compartment;
2003-14-10	Prevent chefing of the wire bundles of the VCC;
2004-08-07	To prevent interference of the A1 galley with the radial stiffener on the aft pressure bulkhead;
2004-16-10	Prevent the door-opening actuators for the off -wing slide compartment from not fitting
2004-25-10	Failure of the main deck floor stanchions and consequent collapse of the main floor during an emergency landing;
2005-05-20	Failure of flight deck door electronic equipment
2005-07-13	Failure of the IFE cooling card during a fwd cargo fire;
2005-20-05	Failure of the attachment of the 9g tie rods to the center overhead stowage bin;
2005-23-19	Outboard overhead stowage beans;
2005-24-04	To prevent overheating of the output wiring of the frequency converters;

2005-25-23	Off-wing emergency escape slide;
2006-11-06	Replacing the placards on certain stowage bins with new placards;
2007-02-18	Prevent fire hazard due to water and drain heater tapes
2008-01-01	Flight Deck Door
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	To prevent injury to personnel and passengers during an emerg. 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 emerg. evacuation
2009-20-02	Replacement of escape slides and latches;

AMOCs:

89-03-51	Fire Protection System
2000-26-05	Environmental Control System (ECS);
2006-26-13	Prevent detachment of the shoulder restraint harness;
2008-02-16	To prevent potential electrical arc from igniting the BMS 8-39 polyurethane foam insulation on the duct assemblies or ECS;
2008-23-09	AN26 insulation Blankets
2010-06-16	Fuselage Skin Scribe Marks at Lap Joints