



תעודת סוג - תוספת
SUPPLEMENTAL TYPE CERTIFICATE No. SA218

This certificate issued to

Israel Aerospace Industries LTD
Bedek Aviation Group
LOD 70100. Israel

תעודה זו ניתנה ל-

certifies that the change in the type design
for the following product with the limitations
and conditions as thereof specified herein
meets the requirements of ANR
Air Navigation Regulations (Takanot Teud).

מאשרת שהשינוי בתכן הסוג של המוצר
דלהלן במגבלות ובתנאים המבצעיים
כמפורט להלן ממלא אחר דרישות של
תקנות הטיס (נהלי תיעוד כלי טיס וחלקיהם).

FAR Part 25

Original product - Type Certificate No.

IL-036

המוצר המקורי - תעודת סוג מס'

Make

The Boeing Company

תוצרת

Model

767-300 Series

דגם

Description of Type Design Change:

תאור השינוי בתיכון הסוג:

This Supplemental Type Certificate (STC) approves the conversion of a Boeing 767-300 PAX airplane configuration in to a Special Freighter (BDSF). The special freighter design includes a main deck Class E cargo compartment, a main deck cargo door, a smoke detection system, reinforcement of main deck floor beams and frames, addition of three seat tracks, floor panels replacement and rework, a new 9g rigid barrier, new cargo loading system provisions, redesign of oxygen and electrical system to accommodate freighter features and accommodations for three supernumeraries in the flight deck in addition to the existing two crew and one observer positions. For details see IAI Master Document List (MDL) Number TR-371-00-00-C0010 rev New or later approved revision.

Limitations and Conditions

מגבלות ותנאים:

The following CAAI approved documents or later CAAI approved revisions, as indicated, must be maintained as part of the permanent record for each modified airplane.

(See continuation)

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 Director General, Civil Aviation Authority.

תעודה זו ונתוני הביסוס המהווים בסיס לאישור יהיו בתוקף עד ביטולם, התלייתם, השעייתם או עד פקיעת תוקפם כפי שנקבע על ידי מנהל רשות התעופה האזרחית.

Date of application : November 2, 2006

תאריך הגשת הבקשה :

Date of issuance: December 17, 2009

תאריך הוצאת התעודה :

Date of revision : January 11, 2010

תאריך שינוי התעודה :

By the direction of the Director General
Civil Aviation Authority.

בהתאם להוראת
מנהל רשות התעופה האזרחית.

Signed :

חתום :

Title :

תואר :

Tamir Baram
Engineering Branch Manager CAAI - Airworthiness



Limitations and Conditions (Continued):

Document Number				Description	Revision
371	00	00	C0010	767-300 Conversion from PAX TO SF - Master Document List	New
371	00	00	C0011	A/C Effectivity list B767-300- Conversion from PAX to SF	New
371	00	00	C0466-EUA (*)	Airplane Flight Manual Supplement for IAI 767-300 Special Freighter	0
365	08	00	C0510-CDI1 (*)	Weight & Balance Control & Loading Manual Supplement	1
371	00	00	C0004	767-300BDSF Instructions for Continued Airworthiness	New

(*) Indicated document number as certified for A/C S/N 24086 may be substituted by a new number for additional airplanes.

STC Applicability

The design approval under this STC is applicable to the design configuration of Boeing Model 767-300, Serial Number 24086. Applicability to other Boeing Model 767-300 series airplanes is identified in the IAI document TR 371-00-00-C0011.

STC Compatibility

The design approved under this STC is compatible with the 767-300 type design and other STC's incorporated in Boeing Model 767-300 Serial Number 24086 at the time of approval. Compatibility of this design change with other previously approved designs or modifications on any Model 767-300 Series airplanes must be determined by the user and installer of the approved data.

Cargo Loading System

The installation of a Cargo Loading System including roller and ball trays, guides and locks manufactured by:

- AAR Cargo Systems per FAA issued STC ST02767CH as defined by Drawing List Report No. 3255, rev C, dated September 30, 2009, approved by FAA, and has been found compatible with this STC.

or

- Ancra International LLC per FAA issued STC ST02279LA as defined by Data List DL85000, rev D, dated December 24, 2009, approved by FAA, and has been found compatible with this STC.

Should be installed on aircraft for operation in freighter configuration.

Rights to Design Data and Installation of the Approved Design 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. A CAAI 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 information (drawings, data, and specifications) are the property of the STC holder. The Civil Aviation Authority of Israel 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."

Limitations and Conditions (Continued):

Certification Basis

Based on 14 CFR §21.115 and §21.101, and CAAI policy for significant changes set forth in Israeli ANR Certification, chap. 4, par. 38(a) & (b) and in FAA Order 8110.48 CPR, the certification basis for Boeing Model 767-300 series PAX to special freighter is as follows:

The type certification basis for Boeing Model 767-300 series airplanes is shown on TCDS A1NM for parts not changed or not affected by the change.

Based on the reference date of application, November 2, 2006, for parts changed or affected by the change the certification basis is based upon Part 25 as amended by Amendment 25-119. Based on 14 CFR §21.115 and §21.101, and FAA policy for significant changes set forth in Israeli ANR Certification, chap. 4, par. 38(a) & (b) and in FAA Order 8110.48 CPR, the certification basis for this modification was determined to be:

a. Regulations at the latest amendment 25-0 through 25-119

§25.1, §25.21, §25.23, §25.25, §25.27, §25.29, §25.301, §25.303, §25.305(a)(b)(c), §25.307, §25.365 (except (e)(2)), §25.397, §25.399, §25.405, §25.415, §25.471, §25.489, §25.493, §25.495, §25.503, §25.507, §25.509, §25.511, §25.561, §25.562, §25.581, §25.601, §25.603, §25.605, §25.607, §25.609, §25.611, §25.613(a)(b)(c)(d), §25.619, §25.621, §25.623, §26.625, §25.671, §25.681, §25.683, §25.685, §25.689, §25.693, §25.773, §25.777(a)(b), §25.783, §25.785 (except (j)), §25.787(a)(b), §25.789, §25.791, §25.793, §25.801, §25.803, §25.807 (except (g)(1)), §25.809, §25.810 (except (a)(1)), §25.811, §25.812, §25.813 (except (b)(1)), §25.815, §25.820, §25.843, §25.851, §25.853, §25.855, §25.856(a), §25.857, §25.858, §25.865, §25.869(a)(4), §25.903(d), §25.1301, §25.1307, §25.1309, §25.1316, §25.1322, §25.1325, §25.1331, §25.1333, §25.1351(a), §25.1353, §25.1355, §25.1357(a)(b)(c), §25.1363, §25.1381, §25.1411(a)(b)(c)(d)(e)(f)(g), §25.1415(a)(b)(c)(d), §25.1431, §25.1438, §25.1441(c), §25.1443, §25.1445, §25.1447 (except (c)(1)), §25.1449, §25.1453, §25.1455, §25.1457, §25.1459(b), §25.1519, §25.1529, §25.1541(a)(b), §25.1555, §25.1557(a)(c)(d), §25.1561, §25.1581, §25.1583, §25.1585, Appendix F, Appendix H.

b. Regulation at higher amendment

§25.1317(a) at amendment 25-122.

c. Regulations at an intermediate amendment

§25.365 (e)(2) Amdt. 25-54, §25.571 Amdt. 25-54, §25.629 Amdt. 25-46, §25.831 Amdt. 25-87(except paragraph (g)), §25.841 Amdt. 25-38.

d. Regulations at TCDS A1NM amendment level

§25.321, §25.331, §25.333, §25.341, §25.343, §25.345, §25.349, §25.351, §25.471, §25.473, §25.479, §25.481, §25.483, §25.485, §25.491, §25.499, §25.629, §25.1459.

Exemptions

See exemption issue paper CI-1 dated December 9, 2009, for 25.857(e), and the passenger requirements of 25.785(j), 25.807(g)(1), 25.807(i)(1), 25.810(a)(1), 25.813(b) and 25.1447(c) (1)

Special Conditions

None.

Equivalent Level of Safety Findings

See equivalent level of safety ES1 dated December 9, 2009, for FAR 25.857(c)(1).

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