



STATE OF ISRAEL

Ministry of Transport
Civil Aviation Authority (CAAI)

תעודת סוג - תוספת

SUPPLEMENTAL TYPE CERTIFICATE No. SA279

This certificate issued to

תעודה זו ניתנה ל

**ELBIT Systems,
Electro-optics, ELOP
PO Box 1165, Rehovot 76111,
Israel**

Certifies that the change in the type design for the following product with the limitations and conditions as specified herein meets the requirements of Air Navigation Regulations (Procedures for Documentation of Aircraft and Aircraft Parts).

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

Original Type Certificate	IA208	תעודת סוג
Make	Embraer	יצרן
Model	ERJ 190-200 IGW	דגם

Description of Type Design Change:

תיאור השינוי בתכן הסוג:

Installation & operation of "C-MUSIC" system in accordance with Elbit Systems, Electro- Optics, ELOP, Top Document 3780-0000-00 revision A or later CAAI approved revision.

Limitations and Conditions

See Reverse Side

מגבלות ותנאים:

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 יד מנהל רשות התעופה האזרחית.

Date of application:

January 15, 2012

תאריך הגשת הבקשה:

Date of issuance:

April 8, 2018

תאריך הוצאת התעודה:

Date of revision 1 (Extension of operating limit to 4000 cyc.):

October 23, 2018

תאריך שינוי התעודה:

Date of Rev.2 (Extension of operating limit to 7500 cyc.)

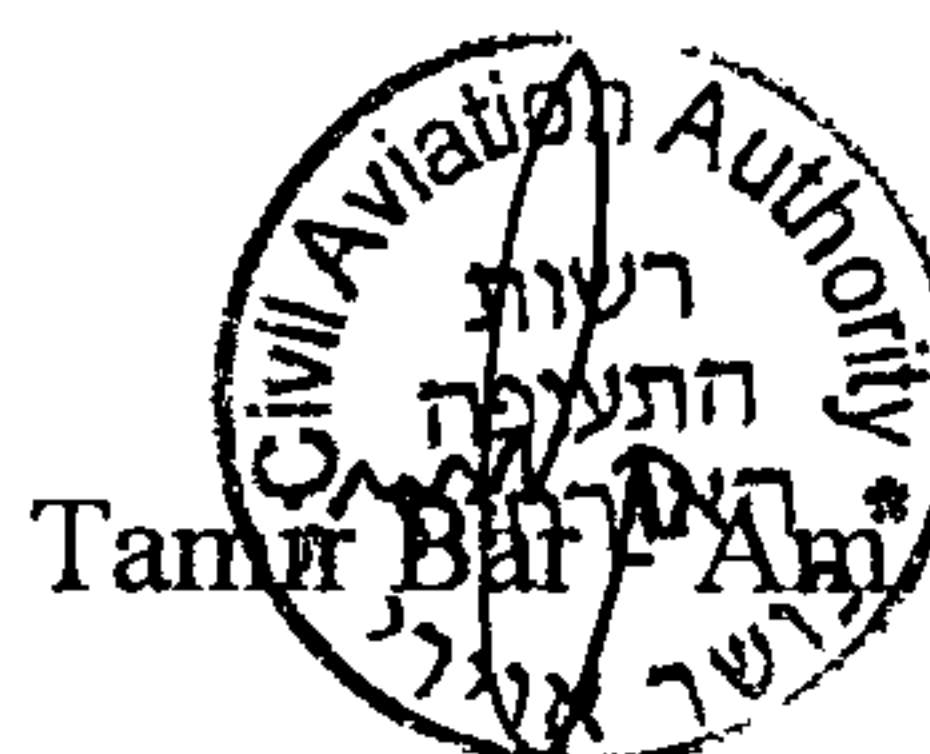
September 26, 2019

תאריך שינוי התעודה:

**By the direction of the Director General,
Civil Aviation Authority**

**בהתאם להוראת מנהל רשות התעופה
האזרחית**

Signed by:



חתום :

Title:

Manager, Engineering Department

תפקיד:

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Limitations and Conditions :

- 1) Compatibility of this design change with previously approved installed modifications or AD's must be determined by the installer.
- 2) Due to RA System # 1 antennas position change in accordance to MDL Document 3780-9000-00GW Rev. A or later Approved CAAI revision, following prerequisites apply prior to incorporation of this modification:
 - (a) Embraer SB 190-31-0029 (APM options installation to disable Tail Strike Avoidance (TSA) function) must be incorporated prior to this modification
 - (b) Steep Approach Mode (SAM) is not available.
 - (c) Cat 3 Autoland Mode is not available.
- 3) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
- 4) Approved Publications: As Listed on CAAI TC IA208 (ANAC TCDS EA-2005T13), with the addition of following documents at their latest CAAI approved revision:
 - a. Flight Manual Supplement 3785-1001-00FG Rev. B
 - b. Instructions for continued airworthiness (ICA) Supplement 3785-1008-00ZR Rev. A
 - c. Weight & Balance Supplement 3780-0000-00-01WB Rev. C
- 5) Operation of the aircraft with this modification is limited to 7500 cycles.
- 6) Each structural repair of this installation requires CAAI approval, until the Structural Repair Manual (SRM) Supplement is approved.

Certification Basis:

Refer to CAAI Issue Paper G-1.

Equivalent Level of Safety

14 CFR §25.251(b), "Vibration and Buffeting", reference CAAI Issue Paper F-1

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