



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety

3960 Paramount Boulevard, Suite 100
Lakewood, California 90712

March 12, 2019

Unical Aero, Inc.
Attn: Aaron Luong
680 South Lemon Avenue
City of Industry, California 91789

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Luong:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the Federal Aviation Administration (FAA) has found the design data, based on Supplemental Type Certificate (STC), with your letter dated February 12, 2019, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined Unical Aero, Inc., has established the quality system required by § 21.307 at 680 South Lemon Avenue, City of Industry, California 91789. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 20.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated December 15, 2015, also apply to the enclosed PMA Listing-Supplement No. 20. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

for Dale McMann
Aviation Safety
Manager, Los Angeles/Van Nuys
MIDO Section

Enclosure
PMA Listing Supplement No. 20



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

**UNICAL AERO INC.
680 SOUTH LEMON AVENUE
CITY OF INDUSTRY, CA 91789**

**PMA NO.: PQ05314NM
SUPPLEMENT NO.: 20
DATE: March 12, 2019**

| Article Name | Part Number | Approved Replacement for Part Number | Approval Basis and Approved Design Data | Make Eligibility | Model Eligibility |
|-------------------------|--------------------|---|--|-------------------------|---|
| USB-PED Charging System | MDL 16-008 | Modification Part | STC ST02670LA Dwg. No.: MDL 16-008 Rev.: C Date: 10/16/2018 or latest FAA Approved revisions | Boeing | Boeing 737-100, -200/-300/-400/-500/-600/-700/-800/-900 & 900ER Series. |

-----END OF LISTING-----

NOTE: The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

for

Dale McMann
Aviation Safety
Manager, Los Angeles/Van Nuys
MIDO Section

SUPPLEMENTAL TYPE CERTIFICATE

10069861

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

UNICAL AERO INC.

680 S. LEMON DRIVE
CITY OF INDUSTRY CA 91789
USA

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

Type Certificate Number: EASA.IM.A.120

Type Certificate Holder: THE BOEING COMPANY

Type: 737

Model: 737-100

737-200

737-300

737-400

737-500

737-600

737-700

737-800

737-900

737-900ER

Original STC Number: FAA STC ST02670LA

Description of Design Change:

Installation of Unical Aero USB-PED Charging System

See Continuation Sheet(s)

For the European Aviation Safety Agency

Cologne, Germany, 13 May 2019



Carla IORIO
Section Manager
Special Aeroplanes & Projects



EASA Certification Basis:

The Certification Basis for the original product remains applicable to this certificate/ approval, except where amended by additional or later amendments if indicated on FAA STC ST02670LA.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

Associated Technical Documentation:

1. Master Data List Document No. MDL16-008, Revision B, dated 8 December 2017, or later FAA approved revision.

Limitations/Conditions:

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -