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Bogotá, May 06, 2013

**AIRBUS**

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**Subject:** Post Validation Activity: Acceptance of large winglet called "Sharklet" on Airbus Single Aisle aircraft, A318/A319/A320/A321.

**Reference:** M1200903 of date 28-March-2012, and Email dated March 03, 2012.

**Background:**

1. UAEAC letter No. 5102-109-2010041202 of December 31, 2010, Type Certification Acceptance by Homologation of A318/321.
2. UAEAC letter No. 5102109-0333 of February 27, 2008, Type Certification Acceptance by Homologation of A319-100 series.
3. UAEAC letter No. 5102109-0334 of February 14, 2008, Type Certification Acceptance by Homologation of A320-200 series.
4. UAEAC letter No. 510210912-2012017525 of May 03, 2012, Introduction of large winglet called "Sharklet" on Airbus Single Aisle aircraft.
5. Airbus Mail dated March 12, 2013, enclosing the requested documents.
6. Sharklet related documentation: AFM Temporary Revision related to the Sharklet project TR 262 Brakes Hot, TR 263 A320 Sharklet Particularities, TR 275 Static Discharger on Sharklet Aircraft, TR 283 F/CTL Alternate Law (PROT LOST), TR 259 A320-214 New Performance with Sharklet, TR 266 Landing Performances Data for A320 aircraft equipped with Sharklet and CFM ENGINE, TR 284 A320-232 New Performance with Sharklet, TR 292 Landing Performances Data for A320 aircraft equipped with Sharklet and IAE engine, The project related to the MMEL.



Dear Madam:

We have received your mail with reference to the "Sharklet" on Airbus Single Aisle aircraft, notification of significant major change. We have reviewed all information above mentioned, and taking into account that this change is EASA approved (State of Design) in the Type Certificate No. A.064 (Issue 10), this authority has no objection to accept the "Sharklet" with the updated of major design changes for the A318/A319/A320/A321 Airbus Aircrafts.

Truly yours,

  
**Eng. Edgar Luciano Cadena Cañon**  
**Technical Group Chief**  
**Colombian Civil Aviation Authority**

Prepared by:

Eng. A. Gonzalez 

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