

January 5, 2017



Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: FCC ID #: 2ACE9-51000357

Dear Sir or Madam:

We, Apollo America, Inc., received a Grant of Equipment Authorization for the above-referenced equipment on January 26, 2015, a copy of which is attached as Exhibit A. Pursuant to 47 CFR 2.1043(b)(3), we respectfully request you grant a Permissive Change to allow the following change. The original 55000-357 was composed of two circuit boards, both designed by Apollo, to separate the smoke detector circuitry from the radio circuitry. Each circuit board had an MSP430 microcontroller with firmware written by Apollo. The new product variation combines the two circuit boards to place all required circuitry on a single circuit board.

The project removes one microcontroller and the radio software has been integrated into the smoke detector main processor. The antenna and tuning components have been modified to adapt to the new antenna position with respect to the product ground plane. No other changes to the circuitry have been made.

The new product has identical form, fit, and function to the old product. This includes identical radio transmission characteristics. The enclosure, all other components are identical as certified and the output power rating remains the same. Schematics and BOM are nearly identical and the block diagram and user manual are the same.

If you have any questions or comments, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew Frost".

Andrew Frost
Vice President - Engineering

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the
Federal Communications Commission****By:**

ACB, Inc.
6731 Whittier Avenue Suite C110
McLean, VA 22101

Date of Grant: 01/26/2015

Application Dated: 01/26/2015

Apollo America, Inc
25 Corporate Drive
Auburn Hills, MI 48326

Attention: Andrew Frost , Vice President Engineering

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,
and is VALID ONLY for the equipment identified hereon for use under the
Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2ACE9-51000357

Name of Grantee: Apollo America, Inc

Equipment Class: Part 15 Security/Remote Control

Transmitter

Notes: Wireless Smoke Heat Alarm

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	15.231	345.0 - 345.0			