1. GRANTEE: Korean Air
   Los Angeles, CA

2. PURPOSE AND LIMITATION:
   a. This special permit authorizes the one-time transportation in commerce of certain explosives that are forbidden for transportation by cargo only aircraft. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.

   b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.

   c. No party status will be granted to this special permit.


4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101 Column (9B), 172.204(c)(3), 173.27, and 175.30(a)(1) in that explosives listed in paragraph 6 are forbidden by cargo aircraft only, except as provided herein.

5. BASIS: This special permit is based on the application from the Embassy of the Republic of Korea dated October 1, 2014, submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<table>
<thead>
<tr>
<th>Proper shipping name</th>
<th>Hazard Class/Division</th>
<th>Identification Number</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argon, compressed</td>
<td>2.2</td>
<td>UN1006</td>
<td>N/A</td>
</tr>
<tr>
<td>Bombs, with bursting charge</td>
<td>1.1D</td>
<td>UN0034</td>
<td>II</td>
</tr>
<tr>
<td>Cartridges, power device</td>
<td>1.4C</td>
<td>UN0276</td>
<td>II</td>
</tr>
<tr>
<td>Charges, shaped, flexible, linear</td>
<td>1.1D</td>
<td>UN0288</td>
<td>II</td>
</tr>
<tr>
<td>Flares, aerial</td>
<td>1.3G</td>
<td>UN0093</td>
<td>II</td>
</tr>
<tr>
<td>Flash powder</td>
<td>1.3G</td>
<td>UN0305</td>
<td>II</td>
</tr>
<tr>
<td>Fuzes, detonating, with protective features</td>
<td>1.1D</td>
<td>UN0408</td>
<td>II</td>
</tr>
<tr>
<td>Fuzes, detonating, with protective features</td>
<td>1.2D</td>
<td>UN0409</td>
<td>II</td>
</tr>
<tr>
<td>Igniters</td>
<td>1.3G</td>
<td>UN0315</td>
<td>II</td>
</tr>
<tr>
<td>Pyrophoric metals, n.o.s., or Pyrophoric alloys, n.o.s.</td>
<td>4.2</td>
<td>UN1383</td>
<td>I</td>
</tr>
<tr>
<td>Rocket motors</td>
<td>1.3C</td>
<td>UN0186</td>
<td>II</td>
</tr>
<tr>
<td>Rockets, with bursting charge</td>
<td>1.2E</td>
<td>UN0182</td>
<td>II</td>
</tr>
</tbody>
</table>

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is as authorized by the HMR.

b. Transportation is authorized from Travis AFB, California to Pusan, Korea.
c. Authorized explosives. The explosives listed in paragraph 6 above as identified in the application on file with the Approvals and Permits Division (APD) may be accepted and transported in cargo aircraft only subject to the conditions stated herein.

d. Authorized aircraft. The aircraft must be owned and operated by Korean Air and must be authorized by a FAA operations certificate.

e. Operations manual. Operations must be conducted in accordance with conditions and limitations specified in the certificate holder’s operations manual accepted and approved by the FAA.

f. Maximum weight. Not more than 9,800 Kg total net weight of forbidden explosives may be carried in the aircraft.

g. Authorized persons aboard aircraft. No person other than a required flight crewmember, an FAA inspector, the shipper or consignee of the material or a representative of the shipper or consignee so designated in writing, or person necessary for handling the material may be carried on the aircraft.

h. Advanced Notice of FAA Regional Dangerous Goods Manager. The operator of the aircraft must notify the regional Dangerous Goods Manager in the region where the flight will originate. This notification must be given at least 72 hours in advance of plans to operate under the special permit, unless prior arrangements have been made with the cognizant Regional Dangerous Goods Manager. The notification must include the point of departure, intermediate stops, destination(s), and a loading and departure schedule. If a flight schedule deviates more than four hours from the originally scheduled departure time, the operator of the aircraft must immediately notify the cognizant Regional Dangerous Goods Manager. Alternative notification procedures may be established subject to the written approval of the cognizant Regional Dangerous Goods Manager.

i. Advance permission from airport. The operator of the aircraft must have advance permission from the owner or operator of each manned airport where the material is to be loaded or unloaded or where aircraft is to land while the
材料在机上。当目的地在出发后更改，因为天气或其他不可预见的情况，从所有者或运营商的备降机场必须在适当的时间内取得许可。

j. 飞行计划。这个特别许可不解除任何飞行计划要求，无论是在美国或外国空域。

k. 装载和卸载。装载和卸载操作在本特别许可下必须遵守以下规定：

(1) 装载和卸载必须在人口密集区和居住区的一定安全距离内进行。然而，在机场，机场的所有者或运营商或授权代表已经指定一个特定的装载或卸载位置，这些爆炸物不得在其他位置装载或卸载。

(2) 爆炸物的运输在本特别许可下受相同限制和条件的限制，这些条件在§ 177.835(g)中规定。

(3) 装载安排需在根据该运营商的运营规范并经FAA指定的驻机运营检查员书面接受和批准的航空器上进行，须满足运营商的重量和平衡程序。

(4) 在装载或卸载期间，任何人不得吸烟，不得携带点燃的香烟，不得使用可能产生火焰或火花的设备。

(5) 在装载和卸载期间，不得为航空器加注燃料。

l. 航空器操作期间的要求。航空器的起飞、途中和着陆必须保持在人口密集区的安全距离内。
(1) Before movement of the aircraft, prior to takeoff, and prior to entering an airport traffic area, the pilot of the aircraft must notify the control tower of the class(es) of explosive(s) on board, and request that this information be released to the appropriate airport officials. This notification must be either communicated by radio transmission or facsimile transmission.

(2) In the event of a diversion from the scheduled route of flight to an airport that was not previously scheduled, the flight crew must notify the control tower during the approach phase of the amount of each class of explosives on board and request this information be relayed to the appropriate airport officials. This notification must be either communicated by radio transmission or facsimile transmission. For airports without control towers, this communication must be made to the Flight Service Station nearest the airport of intended landing.

(3) When under radar control during the approach and landing phase, the pilot must request appropriate vectors so as to avoid heavily populated areas.

(4) Whenever explosives are on board the aircraft, no person on the aircraft may smoke, or carry a lighted cigarette, cigar, or pipe, or operate any device capable of causing an open flame or spark.

m. Pilot requirements. The operator of the aircraft must ensure the following with respect to pilots of aircraft operating under this special permit:

(1) A minimum of two pilots is required aboard any multi-engine aircraft carrying explosives under this special permit.

(2) Each pilot of the aircraft must be provided written instructions stating the conditions and limitations of the operations being conducted and the name of the official(s) granting the advance permission required by paragraph (g) above except when a landing permit has been granted by an agency of the Department of Defense for landing at a military installation.
(3) Each pilot of an aircraft being operated under this special permit must have received formal training on the requirements of 49 CFR Parts 170-180 that are applicable to his duties and be thoroughly familiar with the specific requirements of this special permit.

n. Attendance of explosives. The explosives must be attended at all times they are in possession of the operator (from the time of receipt from the consignor until time of receipt by the consignee) unless placed in an explosive storage magazine that is approved by the Federal, State, or local authority or at a location on a military installation designated by appropriate military authorities.

o. Segregation of explosives. Incompatible explosives may be transported on the same aircraft provided they are not placed next to each other or in a position that would allow a dangerous interaction.

8. SPECIAL PROVISIONS:

The aircraft operator must maintain permanent records of each flight during which explosives are carried under the authority of this special permit. This record must be made available at its principal business office to representatives of the Federal Aviation Administration and submitted to the Associate Administrator for Hazardous Materials Safety (AAHMS) upon request. The record for each flight must include:

(1) Name of the shipper(s).
(2) Name of the consignee(s).
(3) Origin airport(s).
(4) En route airport(s).
(5) Destination airport.
(6) Shipping name and class of each explosive.
(7) Net weight of each explosive
(8) Name of each pilot and any other person aboard the aircraft.
(9) Registration number of the aircraft.
(10) Name of the individual representing the owner or operator of each manned airport who granted advance permission for the aircraft who granted advance permission for the aircraft to land or take-off while it was being operated under this special permit.
The record required by this paragraph must be maintained current to within 72 hours of each flight under this special permit. The granting of this special permit does not waive any FAA airworthiness operating requirements or the need to obtain appropriate FAA operating authorizations.

9. **MODES OF TRANSPORTATION AUTHORIZED:** Cargo aircraft only.

10. **MODAL REQUIREMENTS:** A current copy of this special permit must be carried aboard each aircraft used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

11. **COMPLIANCE:** Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

“exemption” to “special permit” and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 B Immediate notice of certain hazardous materials incidents, and 171.16 B Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

[Signature]

for Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety


Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: LAVALLE