Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Operating Plan Supplemental
Form MJ-04: Marijuana Cultivation Facility

What is this form?

This operating plan supplemental form is required for all applicants seeking a marijuana cultivation facility license and must accompany **Form MJ-01: Marijuana Establishment Operating Plan**, per 3 AAC 306.020(b)(11). Applicants should review **Chapter 306: Article 4** of the **Alaska Administrative Code.** This form will be used to document how an applicant intends to meet the requirements of the statutes and regulations.

If your business has a formal operating plan, you may include a copy of that operating plan with your application, but all fields of this form must still be completed per 3 AAC 306.020 and 3 AAC 306.420(2).

What additional information is required for cultivation facilities?

Applicants must identify how the proposed establishment will comply with applicable regulations regarding the following:

- Prohibitions
- Cultivation plan
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license will be considered complete.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Aristocracy, LLC	**MJ License #:**	28459		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Aristocracy				
Premises Address:	1300 N. Linger Lane				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99623

Received by AMCO 10/8/2021

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:

Upon inspection, our seed banks will be organized into strain-specific packages, containing less than fifty seeds each, grouped and packaged in METRC, and will be tracked by and through their assigned package tag, until unpackaged and planted. Clones and seedlings will be in segregated into strain specific groups of less than fifty, physically, and within METRC. We will use clone charts, clone maps, and/or other internal procedures to ensure accountability and tracking of clones and seedlings. Once clones have reached 8" in height, they will be assigned an individual Plant ID tags within METRC, and their growth phase will be changed to vegetative. All vegetative plants will be assigned individual plant tags, which will be used to track them through to harvest. When a plant changes physical location (rooms) or growth phases, it will be tracked through plant logs and/or other internal tracking and communication documents, and will be updated in METRC. When the plants are harvested, strain specific harvest batches will be made from plants harvested on the same day. Wet waste (drying) will be logged on internal tracking forms as well as in METRC. Plant waste (root balls, stalks, leaves) will be deducted from the harvest batch within METRC and AMCO will be notified 3 days in writing before rendering unusable. Packages of Bud and Trim will be made from the harvest batch, and waste will be logged through internal tracking forms, through METRC, and reported to AMCO as set forth above. Each package will have a representative sample submitted, from the same package/HB, for testing. After testing results from this "related package" has cleared testing, additional packages will be made from that HB/PKG to fulfill wholesale or retail orders, which will then be tracked as they are transferred from our facility, physically, and within METRC. See cont'd response.

Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

3.1. I certify that the marijuana cultivation facility will not: Initials

a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;** JB

b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or** JB

c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.** JB

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

4.1. Describe the size of the space(s) the marijuana cultivation facility intends to be under cultivation, including dimensions and overall square footage. Provide your calculations below:

The area of the building is just under 2400 square feet with exterior dimensions equal to 40' x 60'
The total area under cultivation is less than or equal to 499.33 square feet: (320+128+33.33+18)

flower room contains 5 tables, measuring 16' x 4' each for a total flowering area of (64 x 5) = 320 sq feet
Mom/veg room contains 4 tables measuring 8' x 4' each for a total veg area of (32 x 4) = 128 sq. feet
Clone room has clone room has 2 three shelf wire racks to hold 24 10"x20" propagation trays equaling 33.33 sq ft..
Seedling room contains a single 3' x 6' propagation area for an additional 18 sq. feet.

Total sq ft 499.33

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. SB

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? ☐ ☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground and how it is fully-enclosed by a physical barrier:

n/a

4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:

This is a completely indoor cultivation facility. All marijuana is blocked from public viewing. Any/and all windows will be obscured and secured. No marijuana will be viewable by the public at all.

4.5. Describe the marijuana cultivation facility's growing medium(s) to be used:

soil, root riot plugs or similar,
Rock wool cubes or similar, Sphagnum Peatmoss, coco coir; pumice and/or rice hull

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticides and pest control products to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

May choose from and use any/all DEC and EPA approved products (see current list- attached) as efficacy, availability, and cost-benefit are assessed. Before ordering product we will verify the current approved product list at https://dec.alaska.gov/commish/cannabis/ and obtain the accompanying material safety sheet before it is used. Specific use of individual products will be documented within METRC and/or internal logs, as appropriate, and will be disclosed and tested for in compliance with AMCO policy. MSDS/MSS sheets will be made available to all employees at all times, all employees will be trained in their location and use. Response Cont'd. p. 7.

4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:

compost, hummus, earthworm castings, bio-char, Sphagnum Peatmoss, kelp meal, Karanja cake, neem cake, alfalfa meal, calphos, Camelina meal, fish meal, fish bone meal, soybean meal, langbeinite, malted barley or similar, calcium montmorillonite, basalt, gypsum, oyster shell flour, lime stone, straw, freeze dried coconut water powder, freeze dried aloe Vera powder, agsill6h or similar, kashi bran probiotic amendment, rootwise mygrobe complete, rootwise bio-phos, rootwise bio-catalyst, big 6 micro Nutrients, yucca extract, fulvic acid, humic acid, em-l, em-5, beauveria bassiana, dry fish aminos, comfrey extract, peach extract, pumpkin extract, malted barley extract, fish hydrolslate, Apple extract, seaweed extract, seed sprout teas, hemp extract, clover cover crop or similar, composting worms, soft rock phosphate, potassium sulfate, molasses, mammoth p, hydrogen peroxide, optiveg chitin and aminos, quillaja extract powder, insect frass, growers secret professional, volcanic tuff, brown sugar, super cera powder, em-5, Castile soap, tweetmint plant wash, distilled vinegar, isopropyl alcohol, bleach. NO CO2 to be used.

Received by AMCO 10/8/2021

4.8. Describe the marijuana cultivation facility's irrigation and waste water systems to be used:

drip line and soaker hose irrigation, runoff water drains to septic.
Hand water when needed.

Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. SB

5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:

Solids:

Recycling of excess plant material will be utilized to reduce solid waste and to provide nutritional supplementation to this cultivations plants. This proprietary process requires the plant material to be blended, recycled, and used in the freshest state possible. Plant material which would ordinarily be deemed as waste- such as fan leaves, root balls, stems, and/or stalks will be often be recycled and used in house as soon as this "waste" is generated. This type of waste is not in fact waste and as it will not go to waste not will it leave our facility. It will not be possible to notify AMCO 3 days before these plant materials are rendered useless and disposed of because to wait three days after generating waste would degrade the plant material and render it useless for our recycling purposes. It will be weighed and/or counted, tracked and accounted for within METRC and/or our own internal waste logs, as appropriate. To recycle plant materials we will Shred solid cannabis plant waste fresh as possible combine with water, em-1, and molasses let ferment till ph is below 3.7 as to indicate ferment is stable and not soured. feed shredded plant material to worm bins and use to top dress raised beds.

At times we may have an abundance of plant material or material inappropriate for recycling. In these circumstances the quantity and/or weight of the marijuana or plant material will be recorded in METRC and/or in our waste log, the marijuana or marijuana plant waste will be deposited into our marijuana waste container and amco will be notified via email of our intent to dispose of the waste not less than three days before we intend to dispose of it. Once three days has elapsed the marijuana waste will be mixed, mulched, ground, and or blended with coffee, dirt, food, newspaper, cedar chips, or other organic material to achieve a 50/50 mix of marijuana and non marijuana filler. It will be stored securely until it is transported to the nearest transfer site or landfill by the licensee or their agent.

Liquids:

No wastewater is expected to be generated through the normal course of cultivation. Cleaning will be done with Eco-friendly cleansers, as described in 4.7 above. Waste water generated in the course of cleaning may be recycled or disposed of via our septic system.

Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

Answer "Yes" or "No" to the following question:	Yes	No
6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?	☐	☑

If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
I am attaching to this form documentation of my odor control exemption from the local government. N/A	☐

If "No" to question 6.1., describe the odor control method(s) to be used and how the marijuana cultivation facility will ensure that any marijuana at the facility does not emit an odor that is detectable by the public from outside the facility:

Canister style, activated carbon filters will be utilized in conjunction with ducted fans within the proposed cultivation facility to prevent any marijuana odor from being detected by the public. This will keep all smell/odor from being detected outside of the premises. Ozone generator may also be used if determined to be necessary.

Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box:	Initials
7.1. I understand and agree that the board or director will, from time to time, require the marijuana cultivation facility to provide samples of the growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks.	SJB
7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.	SJB

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

Upon harvest, harvest batches will be physically and electronically segregated by batches of marijuana of the same strain that were grown in the same location and harvested at the same (within a 24 hour window.) A harvest batch tracking log may be used internally to track data beyond the functionality of METRC. When the marijuana has dried, cured, and been processed, homogeneous source packages of not greater than ten pounds will be created from each harvest batch, physically, and within METRC. Each package which is not exempt from testing will be submitted for testing in METRC, creating a sub package. Current regs will be consulted to verify necessary sample size for each harvest batch. A designated employee will obtain a random sample from each harvest batch, physically bag it up, tamper seal it, and marry it to its METRC tag to go out for testing. The designated employee will prepare and sign a random sampling statement for each sample obtained. One copy will be kept on file in our facility and another will accompany the lab samples and transfer manifest en route to the lab. A transfer will be created and registered in the system and updated before being accepted if there are changes to departure time greater than 15 minutes or arrival time greater than 30 minutes. We will have an employee, licensee, or other qualified agent transfer our samples to the testing facility but will not send lab samples on any multi-destination transfer which projects more than 10 hours to conclude. Marijuana awaiting testing results will be kept segregated from marijuana which is still in it's harvest batch phase and from packages which have cleared testing. It will be stored in a place and manner that it is obviously awaiting testing and not available to purchase or transfer until its representative sample has cleared testing.

Received by AMCO 10/8/2021

Section 8 – Packaging and Labeling

Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

Answer "Yes" or "No" to the following question:	Yes	No
8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging?	☑	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

After marijuana has been harvested and processed, a sample will be taken from each batch and sent for testing. While results are pending, the batch will be "quarantined" until it has passed lab testing. Marijuana will be packaged in a variety of ways, including prepackaged from .5g joints up through 5lb bulk packages. Prepackaged Batches of flower in 1.0 gram packs may be produced as well as 1/8 oz, 1/4oz, 1/2 oz and up to 1 ounce packages. All labeling on all packaging will meet the standards as required for cultivators.
In accordance with 3 AAC 306.470, when we package the marijuana , we will either place in a package of 1 ounce or less, In approved packaging for the retail store to sell individually. In accordance with 3 AAC 306.475, the packaging shall have these 5 statements to be on the packaging:
See attached label. Response Cont'd. p. 7.

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	☑	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

After marijuana has been harvested and processed, a sample will be taken from each batch and sent for testing. While results are pending, the batch will be quarantined and maintained in the dry room until passing testing and cleared by the testing facility. Marijuana will be packaged in up to ten pound wholesale packages for retail marijuana stores. All labeling on all packaging will meet the standards as required for cultivators. All marijuana slated to leave the facility will be placed into a durable, tamper-evident METRC packaging inside of a durable, tamper evident, locked transport container prior to transport. The shipment will be accompanied by the appropriate manifest, labs, and disclosures and will be verified by the licensee or designated agent before the shipment is permitted to leave. In accordance with 3 AAC 306.470. when we package the marijuana in up to ten pound lots consisting of a single strain or a mixture of strains as identified on the label In accordance with 3 AAC 306.475, the packaging shall have these 5 statements to be on the packaging: (see attached)

I certify that as a marijuana cultivation facility, I will submit monthly reports to the Department of Revenue and pay the excise tax required under AS 43.61.010 and AS 43.61.020 on all marijuana sold or provided as a sample to a marijuana establishment, as required under 3 AAC 306.480.

I declare under penalty of unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Jesse Bannon
Signature of licensee

Jesse Bannon
Printed name of licensee

LANCE C. WELLS NOTARY PUBLIC STATE OF ALASKA

Notary Public in and for the State of Alaska

My commission expires: 6/18/21

Subscribed and sworn to before me this 5 day of MARCH, 20 21.

(Additional Space as Needed):

2.1 Continued Response: Marijuana may be packaged for wholesale in a variety of ways- including bulk packages of up to 10 lbs and prepackaged marijuana in 1.0g, 3.5g, 7.0g, 14.0g, and 28.0g increments, or variants in between, if requested. Marijuana may be packaged in pre-rolled joints, containing .5g-1.25g of flower or trim, as well, and joints may be repackaged into packages for retail containing up to 28g of marijuana. All labeling on all packaging will meet the standards required of cultivators. All marijuana slated to leave the facility will be placed into durable, sealed, and tamper evident packaging; will be accompanied by the METRC package tag associated with each package, and will have a label affixed which complies with 3 AAC 306.470. Each package tag will be verified to the manifest prior to the manifest prior to leaving the facility. In accordance with 3 AAC 306.470, when we package the marijuana for retail we will pre-package in quantities of one ounce or less, in approved packaging and with compliant labeling for the retail store to sell individually.

In accordance with 3 AAC 306.475, pre-packaged packaging shall and will have lab test results, date of lab test, facility of lab test, name of harvest batch or METRC package#, our license number, strain name and these 5 statements on the packaging:
(1) "Marijuana has intoxicating effects and may be habit forming and addictive.";
(2) "Marijuana impairs concentration, coordination, and judgment, Do not operate a vehicle or machinery under its influence.";
(3) "There are health risks associated with consumption of marijuana.";
(4) "For use only by adults twenty-one and older. Keep out of the reach of children.";
(5) "Marijuana should not be used by women who are pregnant or breast feeding."

4.6 continued response
agsil16h, freeze dried aloe Vera powder,
Freeze dried coconut water powder, quillaja extract powder
Neem oil, Karanja oil, beauveria bassiana, em-5, yucca extract, castile soap tweetmint plant wash, rove beetles, beneficial nematodes, hypoasis miles, jadam wetting agent, soap nut,

(1) 8.1 Continued Response: Also see attached sample label. "Marijuana has intoxicating effects and may be habit forming and addictive.";
(2) "Marijuana impairs concentration, coordination, and judgment, Do not operate a vehicle or machinery under its influence.";
(3) "There are health risks associated with consumption of marijuana.";
(4) "For use only by adults twenty-one and older. Keep out of the reach of children.";
(5) "Marijuana should not be used by women who are pregnant or breast feeding."

Marijuana will be placed in a sealed, tamper-evident shipping container with a label affixed to the shipping container which is compliant with 3 AAC 306.470, will be accompanied at all times by a manifest produced through METRC, until it is received by the retailer or manufacturer.

When packaging marijuana for sale to a retail store to sell to a consumer without repackaging, the packaging will not have any printed images, including cartoons, which would be en ticing to or specifically targeting persons under 21 years of age. In addition the packaging will protect the product from contamination and may not and will not impart any toxic or damaging substance to the marijuana.

8.2 Continued Response:

Bulk marijuana products will be packaged for transfer and transport to another licensed marijuana facility in wholesale packages not to exceed ten pounds, The product will have its METRC package tag attached and be accompanied by lab results as well as the manifest produced within METRC. Marijuana will be placed in a sealed, tamper-evident shipping container with a label affixed to the shipping container which is compliant with 3 AAC 306.470, will be accompanied at all times by a manifest produced through METRC, until it is received by the retailer or manufacturer. See also attached sample label.

RESPONSE TO QUESTION 8.1: SAMPLE LABEL

SAMPLE LABEL #1

(1) "Marijuana has intoxicating effects and may be habit forming and addictive."
(2) "Marijuana impairs concentration, coordination, and judgment.
Do not operate a vehicle or machinery under its influence."
(3) "There are health risks associated with consumption of marijuana."
(4) "For use only by adults twenty-one and older. Keep out of the reach of children."
(5) "Marijuana should not be used by women who are pregnant or breast feeding."

Retailer: Some Bud Shop, LLC
Retailer License No. 12316

BARCODE: IIIIIIIIIIIIII
Cultivator:Aristocracy
AMCO License No. 28459

OG KUSH BUD 1.0 Grams
Harvest Batch No. 1A34fgh123

Net. Wt: 1.0 GR (0.03527396 OZ)
TEST: THCA: 18.48%, THC 16.6%, CBD: .06%

Received by AMCO 10/8/2021

Aristocracy

AMCO LICENSE # 28459

BATCH # HB.1.AK-47.6.1.21

MARIJUANA NET WEIGHT: 227 grams
Harvest Date: 6/1/2021

WHOLESALE DISCLOSURE
METRC PKG#_____

MARIJUANA INFORMATION

STRAIN NAME: AK-47

STRAIN TYPE: Sativa dominant hybrid

TEST LAB: CannTest License #10009 TEST DATE: 6/27/2021

TEST RESULTS:

- TOTAL THC: 22.07% (3 month range: 18.53% - 22.29%)
- TOTAL THCA: 24.82% (3 month range: 23.55% - 25.09%)
- TOTAL CBD: .06% (3 month range: .05% - .06%)
- TOTAL CBDA: .06% (3 month range: .05% - .07%)
- TOTAL CANNABINOID: 26.97% (3 month range: 22.22% - 26.97%)
- MICROBIAL TESTING
  - E-Coli (STEC) Bacteria: Pass
  - Salmonella: Pass
  - Aspergillus: Pass
  - E-Coli (STEC): Pass

Not Tested: Herbicides, Pesticides, Fungicides, Harmful Chemicals

NUTRIENTS USED IN CULTIVATION

- Cultured Solutions Veg A
- Cultured Solutions Veg B
- Cultured Solutions UC Roots
- Cultured Solutions Bud Booster Early
- Cultured Solutions Bud Booster Mid
- Cultured Solutions Bud Booster Late
- RX Green Solutions Axiom
- Advanced Nutrients Sensi Cal-Mag
- Advanced Nutrients B-52
- Advanced Nutrients Voodoo Juice
- Botanicare Hydro Guard
- EZ Clone Clear Rez
- DynaGro Pro Tekt
- Clonex Rooting Gel
- Blue Lab pH Down
- Blue Lab pH Up
- Compost Tea

PEST PROTECTANTS USED IN CULTIVATION

- Central Coast Garden Products Green Cleaner
- General Hydroponics AzaMax
- General Hydroponics AzaPro

WARNING Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination and judgment. Do not operate a vehicle or heavy machinery under it's influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

EXAMPLE

Received by AMCO 10/8/2021