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| | | ASN | 2008-ESA-52-COA |
| | | Case Status | (b) (3) |
| | | Date Created | (b) (3) |
| | | Date Submitted | (b) (3) |
| Proponent Organization | | Sponsor | (b) (3) |
| | | Attn Of | (b) (6) |
| | | Address | (b) (6) |
| | | Address2 | (b) (6) |
| | | City | (b) (6) |
| | | State | (b) (6) |
| | | Postal Code | (b) (6) |
| | | Telephone | (b) (6) |
| | | Email | (b) (6) |
| Declaration | | Declaration(a) | (b) (3) |
| | | Declaration(b) | (b) (3) |
| Point of Contact | | Representative | (b) (6) |
| | | Address | (b) (6) |
| | | Address2 | (b) (6) |
| | | City | (b) (6) |
| | | State | (b) (6) |
| | | Postal Code | (b) (6) |
| | | Telephone | (b) (6) |
| | | Email | (b) (6) |
| Operational Description | Requested Effective Period | Beginning | (b) (3) |
| | | End | (b) (3) |
| | | Light out operation | (b) (3) |
| | | VFR operation | (b) (3) |
| | | IFR operation | (b) (3) |
| | | Day operation | (b) (3) |
| | | Night operation | (b) (3) |

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| | | Program Executive Summary | (b) (3) |
| | | Operational Summary | (b) (3) |
| | Location | State | (b) (3) |
| | | County | (b) (3) |
| | | Nearest Airport | (b) (3) |
| | | AOR | (b) (3) |
| | Class Of Airspace | Class-A | (b) (3) |
| | | Class-B | (b) (3) |
| | | Class-C | (b) (3) |
| | | Class-D | (b) (3) |
| | | Class-E | (b) (3) |
| | | Class-G | (b) (3) |
| System Description | | Aircraft Type | (b) (3) |
| | | Aircraft Type And Model Description Attachment | 1 |
| | | Control Station Attachment | 1 |

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| | | Communications System Attachment | 1 |
| | | List Certified Components (TSO) Attachment | 1 |
| | | Other Attachment | 0 |
| Performance Characteristics | | Climb Rate (feet/Minute) | (b) (3) |
| | | Descent Rate (feet/Minute) | (b) (3) |
| | | Turn Rate (Degrees/Second) | (b) (3) |
| | Cruise Speed | Maximum | (b) (3) |
| | | Minimum | (b) (3) |
| | | Approach Speed | (b) (3) |
| | Operating Attributes | Maximum MSL | (b) (3) |
| | | Minimum MSL | (b) (3) |
| | | Gross Takeoff Wt | (b) (3) |
| | | Launch/Recovery Attachment | (b) (3) |
| Airworthiness | | FAA Type Certificate | (b) (3) |
| | | If No FAA Certificate (Public Aircraft Only) Attachment | (b) (3) |
| Procedures | | Lost Link/Mission Procedures Attachment | (b) (3) |
| | | Lost Communications Procedures Attachment | (b) (3) |
| | | Emergency Procedures Attachment | (b) (3) |
| Avionics/Equipment | | Equipment Suffix Type | (b) (3) |
| | | GPS | (b) (3) |
| | | Moving map indicator (Command Station) | (b) (3) |

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| | | Tracking capability | (b) (3) |
| | | TCA/MCAS | (b) (3) |
| | | ELT | (b) (3) |
| | Transponder | Transponder | (b) (3) |
| | | On | (b) (3) |
| | | Off | (b) (3) |
| | | Standby | (b) (3) |
| | | Ident | (b) (3) |
| | | Mode S | (b) (3) |
| | | Mode C | (b) (3) |
| | | Transponder Retuneable in Flight | (b) (3) |
| Lights | | Landing | (b) (3) |
| | | Position/Navigation | (b) (3) |
| | | Anti-collision | (b) (3) |
| | | Infrared (IR) | (b) (3) |
| Spectrum Analysis Approval | | Data Link | (b) (3) |
| | | Data Link Attachment | (b) (3) |
| | | Control Link(s) | (b) (3) |
| | | Control Link Attachment | (b) (3) |
| | | Operations utilizing Radio Control (R/C) frequencies as described in Title 47 CFR 95 | (b) (3) |
| | | NTIA/FCC Authorization Attachment | (b) (3) |
| ATC Communications | Transmitter VHF Band | VHF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | | In-Flight Retunable | (b) (3) |
| | Transmitter UHF Band | UHF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | | In-Flight Retunable | (b) (3) |

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| | Transmitter HF band | HF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | | In-Flight Retunable | (b) (3) |
| | Receiver VHF Band | VHF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | | In-Flight Retunable | (b) (3) |
| | Receiver UHF Band | UHF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | | In-Flight Retunable | (b) (3) |
| | Receiver HF band | HF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | | In-Flight Retunable | (b) (3) |
| | Guard (Emergency) Frequencies VHF Band | VHF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | Guard (Emergency) Frequencies UHF Band | UHF Band | (b) (3) |
| | | Quantity | (b) (3) |
| | Instantaneous Two-Way Voice | Direct to pilot | (b) (3) |
| | | SATCOM | (b) (3) |
| | | Relay via aircraft | (b) (3) |
| Electronic Surveillance/ Detection Capability | | EO/IR | (b) (3) |
| | | Terrain detection | (b) (3) |
| | | Weather/icing detection | (b) (3) |
| | | Radar | (b) (3) |

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| | | Other Attachment | (b) (3) |
| | | Electronic detection systems | (b) (3) |
| | | Electronic detection systems attachment | (b) (3) |
| | | Radar observation | (b) (3) |
| | | NAS Operational Capability Attachment | (b) (3) |
| Visual Surveillance/ Detection Capability | Maximum Distance from UA | Vertical | (b) (3) |
| | | Horizontal | (b) (3) |
| | | Airborne based (Chase Aircraft) | (b) (3) |
| | | Ground based | (b) (3) |
| | | Visual observation from one or more ground sites | (b) (3) |
| | | Forward or side looking cameras | (b) (3) |
| | | Attachment for All | (b) (3) |
| Aircraft Performance Recording | | Flight data recording | (b) (3) |
| | | Control station recording | (b) (3) |
| | | Voice Recording | (b) (3) |
| Flight Aircrew Qualifications | Pilots | Private (Written) | (b) (3) |
| | | Private (Certified) | (b) (3) |
| | | Instrument | (b) (3) |
| | | Commercial | (b) (3) |
| | | Air Transport | (b) (3) |
| | | Unique Trained Pilot | (b) (3) |
| | | Unique Trained Pilot Description | (b) (3) |

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| | | DOD certified/trained | (b) (3) |
| | | Other Certified Training | (b) (3) |
| | | Trained on FAR Part 91 Requirement | (b) (3) |
| | | Medical Certification Class (FAA or DOD equivalent) | (b) (3) |
| | | Currency Status | (b) (3) |
| | | Duty Time Restrictions | (b) (3) |
| | | Single UAS Control | (b) (3) |
| | | UAS Description | (b) (3) |
| | | Total Numbers of UAS Controlled | (b) (3) |
| | Observers | Private (Written) | (b) (3) |
| | | Private (Certified) | (b) (3) |
| | | Instrument | (b) (3) |
| | | Commercial | (b) (3) |
| | | Air Transport | (b) (3) |
| | | Unique Trained Pilot | (b) (3) |
| | | Unique Trained Pilot Description | (b) (3) |
| | | DOD certified/trained | (b) (3) |
| | | Other Certified Training | (b) (3) |
| | | Trained on FAR Part 91 Requirement | (b) (3) |
| | | DOD Certified Training Attachment | (b) (3) |
| | | Medical Certification Class (FAA or DOD equivalent) | (b) (3) |
| | | Currency Status | (b) (3) |
| | | Duty Time Restrictions | (b) (3) |
| | | Single UAS Control | (b) (3) |
| | | UAS Description | (b) (3) |
| | | Total Numbers of UAS Controlled | (b) (3) |

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| Special Circumstanc es | | Special Circumstances |
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(b) (3)

Flight Operations Area/Plan

Type User Define Point Loc ID Degree Distance Latitude Longitude MSL Ceiling MSL Floor Maximum Minimum 0 Radio SIA Description

(b) (3)

Total Map Measurement 2