

ASRS Coding Form

TIME	
Date	Q1
yyymm	
Local Time of Day	Q1
0001 - 0600 0601 - 1200 1201 - 1800 1801 - 2400	
PLACE	
Locale Reference	Q1
Airport (ID) _____ NAVAID (ID & Type) _____ Intersection (ID) _____ ATC Facility (ID & Type) _____	
State Reference	Q1
State _____	
Latitude / Longitude (UAS)	Q1
Latitude _____ Longitude _____	
Relative Position	Q1
Radial _____ Distance.Nautical Miles _____	
Altitude	Q1
AGL.Single Value _____ MSL.Single Value _____	

ASRS Coding Form

<i>ENVIRONMENT</i>	
Flight Conditions	Q1
<div style="border: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px;"></div>	
Weather Elements / Visibility	
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px;"></div>	
Work Environment Factors	
<div style="border: 1px solid black; height: 60px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px;"></div>	
Light	Q1
<div style="border: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px;"></div>	
Ceiling	Q1
<div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px;"></div>	
RVR	
<div style="border: 1px solid black; height: 20px;"></div>	

ASRS Coding Form

AIRCRAFT	
Aircraft Letter Reference	Q1
X Y Z A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W	
ATC/Advisory	Q
FSS _____ Center _____ CTAF _____ Ground _____ Military Facility _____ Ramp _____ Tower _____ TRACON _____ UNICOM _____	
Aircraft Operator	Q1
Air Carrier Air Taxi Commercial Operator (UAS) Corporate Fractional FBO Government Military Personal Recreational / Hobbyist (UAS) Other _____	
Flight Plan	Q1
VFR IFR SVFR DVFR None	
Make Model	Q1
Name _____	

Operating Under FAR Part	Q1
Part 91 Part 103 Part 107 Part 119 Part 121 Part 125 Part 129 Part 133 Part 135 Part 137 Public Aircraft Operations (UAS) Recreational Operations / Section 44809 (UAS) Other _____	
Aircraft Zone	
Aircraft Zone _____	
Crew Size	Q1
Number of Crew _____	

ASRS Coding Form

AIRCRAFT	
Mission	Q1
Aerobatics Agriculture Ambulance Banner Tow Cargo / Freight / Delivery Communications (UAS) Ferry / Re-Positioning Observation / Surveillance (UAS) Passenger Photo Shoot / Video Personal Public Safety / Pursuit (UAS) Recreational / Hobbyist (UAS) Refueling Search & Rescue Skydiving Surveying / Mapping (UAS) Tactical Test Flight / Demonstration Traffic Watch Training Utility / Infrastructure Other _____	
Flight Phase	
Taxi Parked Ground / Preflight (UAS) Takeoff / Launch Initial Climb Climb Cruise Hovering (UAS) Return to Home (UAS) Descent Initial Approach Final Approach Landing Other _____	
Route in Use	
Direct Oceanic VFR Route Vectors Visual Approach None Airway _____ STAR _____ SID _____ Other _____	

Nav in Use	
FMS / FMC GPS INS Localizer / Glideslope / ILS _____ NDB _____ VOR/VORTAC _____	

ASRS Coding Form

AIRCRAFT	
Airspace	
	Class A _____ Class B _____ Class C _____ Class D _____ Class E _____ Class G _____ Special Use _____ TFR _____
Maintenance Status	
	Maintenance Deferred? Y or N
	Records Complete? Y or N
	Released for Service? Y or N
	Required / Correct Doc on Board Y or N
	Scheduled Maintenance
	Unscheduled Maintenance
Maintenance Items Involved	
	Inspection Installation Repair Testing Work Cards
Cabin Lighting	
	High Medium Low Off
Number of Seats	
	Number _____
Passengers on Board	
	Number _____
Crew Size Flight Attendant	
	Number _____

ASRS Coding Form

AIRCRAFT	
Weight Category (UAS)	Q1
<input type="checkbox"/> Micro <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large	
Configuration (UAS)	Q1
<input type="checkbox"/> Multi-Rotor <input type="checkbox"/> Fixed Wing <input type="checkbox"/> Helicopter <input type="checkbox"/> Hybrid <input type="checkbox"/> Other _____	
Number of UAS Being Controlled (UAS)	Q1
<input type="checkbox"/> Number of UAS _____	
Type (UAS)	Q1
<input type="checkbox"/> Purchased <input type="checkbox"/> Homebuilt/Custom <input type="checkbox"/> Other _____	
Passenger Capable (UAS)?	Q1
<input type="checkbox"/> Y or N	
Airspace Authorization Provider (UAS)	Q1
<input type="checkbox"/> Authorized Third Party <input type="checkbox"/> FAA Authorization <input type="checkbox"/> Other _____	
Airworthiness Certification (UAS)	Q1
<input type="checkbox"/> Standard <input type="checkbox"/> Special <input type="checkbox"/> Special Authorization / Section 44807	
Operating Under Waivers / Exemptions / Authorizations (UAS)	Q1
<input type="checkbox"/> Y or N	
Waivers / Exemptions / Authorizations (UAS)	
<input type="checkbox"/> Blanket COA <input type="checkbox"/> Emergency COA <input type="checkbox"/> Jurisdictional COA <input type="checkbox"/> 91 <input type="checkbox"/> 107.25 <input type="checkbox"/> 107.29 <input type="checkbox"/> 107.31 <input type="checkbox"/> 107.33 <input type="checkbox"/> 107.35 <input type="checkbox"/> 107.37(a) <input type="checkbox"/> 107.39 <input type="checkbox"/> 107.51 <input type="checkbox"/> 135 <input type="checkbox"/> Other _____	

Flight Operated As (UAS)	Q1
<input type="checkbox"/> VLOS <input type="checkbox"/> BVLOS <input type="checkbox"/> Other _____	
Flight Operated with Visual Observer (UAS)	Q1
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Control Mode (UAS)	Q1
<input type="checkbox"/> Autonomous / Fully Automated <input type="checkbox"/> Waypoint Flying <input type="checkbox"/> Manual Control <input type="checkbox"/> Transitioning Between Modes	
UAS Flying In / Near / Over (UAS)	
<input type="checkbox"/> Aerial Show / Event <input type="checkbox"/> Aircraft / UAS <input type="checkbox"/> Airport / Aerodrome / Heliport <input type="checkbox"/> Critical Infrastructure <input type="checkbox"/> Crowds <input type="checkbox"/> Emergency Services <input type="checkbox"/> Indoor / Confined Spaces <input type="checkbox"/> Moving Vehicles <input type="checkbox"/> Natural Disaster <input type="checkbox"/> No Drone Zone <input type="checkbox"/> Open Space / Field <input type="checkbox"/> People / Populated Areas <input type="checkbox"/> Private Property <input type="checkbox"/> Recreational Club / Fixed Flying Site <input type="checkbox"/> Other _____	

ASRS Coding Form

COMPONENT	
Component	Q1
Aircraft Component	
Manufacturer	Q
Manufacturer	
Aircraft Reference	
X	
Y	
Z	
Other	
Problem	
Design	
Failed	
Improperly Operated	
Malfunctioning	

ASRS Coding Form

PERSON	
Person Number	Q1
{1-30}	
Location of Person	Q1
Aircraft _____ Facility _____ Company _____ Gate / Ramp / Line _____ Hangar / Base _____ Repair Facility _____ Indoor / Ground Control Station (UAS) _____ Outdoor / Field Station (UAS) _____ Other _____	
Location in Aircraft	Q1
Flight Deck _____ Cabin Jumpseat _____ Crew Rest Area _____ Door Area _____ Galley _____ General Seating Area _____ Lavatory _____ Other _____	
Reporter Organization	Q1
Air Carrier _____ Air Taxi _____ Commercial Operator (UAS) _____ Contracted Service _____ Corporate _____ Fractional _____ FBO _____ Government _____ Military _____ Personal _____ Recreational / Hobbyist (UAS) _____ Other _____	
ASRS Report Number	Q1
Accession Number _____	

ASRS Coding Form

PERSON	
Function.Flight Crew	Q1
Captain Check Pilot First Officer Flight Engineer/Second Officer Instructor Person Manipulating Controls (UAS) Pilot Flying Pilot Not Flying Relief Pilot Remote PIC (UAS) Single Pilot Trainee Visual Observer (UAS) 5134 - Other / Unknown	
Qualification.Flight Crew	Q1
Student Sport/Recreational Private Commercial Air Transport Pilot (ATP) Remote Pilot (UAS) Public Aircraft Operations (UAS) Flight Instructor Multiengine Instrument Flight Engineer Rotorcraft Lighter-Than-Air Sea Glider	
Experience.Flight Crew	Q1
Total _____ Last 90 Days _____ Type _____ Total (UAS) _____ Last 90 Days (UAS) _____ Type (UAS) _____	

Function.Air Traffic Control	Q1
Approach Coordinator Departure Enroute Flight Data /Clearance Delivery Flight Service Ground Handoff/Assist Instructor Trainee Local Oceanic Supervisor/CIC Traffic Management Other / Unknown	
Qualification.Air Traffic Control	
Fully Certified Developmental	
Experience.Air Traffic Control	
Radar (Yrs)_____ Non Radar (Yrs)_____ Military (Yrs)_____ Supervisory (Yrs)_____ Time Certified in Pos 1 (mon) _____	

ASRS Coding Form

PERSON	
Function.Maintenance	Q1
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Inspector</div> <div>Instructor</div> <div>Lead Technician</div> <div>Parts/Stores Personnel</div> <div>Quality Assurance /Audit</div> <div>Technician</div> <div>Trainee</div> <div>Other / Unknown</div> </div>	
Qualification.Maintenance	Q1
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Airframe</div> <div>Powerplant</div> <div>Apprentice</div> <div>Avionics</div> <div>Inspection Authority</div> <div>Nondestructive Testing</div> <div>Repairman</div> </div>	
Experience.Maintenance	Q1
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Avionics (yrs)_____</div> <div>Inspector (yrs)_____</div> <div>Lead Technician (yrs)____</div> <div>Repairman (yrs)_____</div> <div>Technician (yrs)_____</div> </div>	

Function.Flight Attendant	Q1
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Flight Attendant In Charge</div> <div>Flight Attendant (On Duty)</div> <div>Off Duty</div> <div>Other / Unknown</div> </div>	
Qualification.Flight Attendant	Q1
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Current</div> </div>	
Experience.Flight Attendant	Q1
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Total_____</div> <div>Airline Total_____</div> <div>Number Of Acft Qualified On____</div> <div>Type</div> </div>	
FA - Cabin Activity	
<div style="border: 1px solid black; height: 100px; margin-bottom: 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>Boarding</div> <div>Deplaning</div> <div>Safety Related Duties</div> <div>Service</div> </div>	

ASRS Coding Form

PERSON	
Function.Dispatch	Q1
Dispatcher	
Qualification.Dispatch	Q1
Dispatcher	
Experience.Dispatch	Q1
Dispatch _____	
Function.Ground Personnel	Q1
Airport Personnel FBO Personnel Gate Agent/CSR Ramp Vehicle Driver Other / Unknown	
Function.Other	Q1
Observer Passenger Other _____	
Qualification.Other	Q1
Other _____	

ASRS Coding Form

PERSON	
Human Factors	Q1
Communication Breakdown Confusion Distraction Fatigue Human-Machine Interface Physiological – Other Situational Awareness Time Pressure Training/Qualification Troubleshooting Workload Other / Unknown	
PERSON	
Callback	Q1
Attempted Completed	

Communication Breakdown	
Between:	And:
<input type="checkbox"/> ATC <input type="checkbox"/> Dispatch <input type="checkbox"/> Flight Attendant <input type="checkbox"/> Flight Crew <input type="checkbox"/> Ground Personnel <input type="checkbox"/> Maintenance <input type="checkbox"/> Other	<input type="checkbox"/> ATC <input type="checkbox"/> Dispatch <input type="checkbox"/> Flight Attendant <input type="checkbox"/> Flight Crew <input type="checkbox"/> UAS Crew <input type="checkbox"/> Ground Personnel <input type="checkbox"/> Maintenance <input type="checkbox"/> Other
UAS Communication Breakdown	
Between:	And:
<input type="checkbox"/> Person Manipulating Controls <input type="checkbox"/> Remote PIC <input type="checkbox"/> Visual Observer <input type="checkbox"/> Dispatch <input type="checkbox"/> Maintenance <input type="checkbox"/> Other	<input type="checkbox"/> Person Manipulating Controls <input type="checkbox"/> Remote PIC <input type="checkbox"/> Visual Observer <input type="checkbox"/> ATC <input type="checkbox"/> Dispatch <input type="checkbox"/> Maintenance <input type="checkbox"/> Other

ASRS Coding Form

Events	
Anomaly.Aircraft Equipment	Q1
<input type="checkbox"/> Critical <input type="checkbox"/> Less Severe	
Anomaly.Airspace Violation	
<input type="checkbox"/> All Types	
Anomaly.ATC Issues	
<input type="checkbox"/> All Types	
Anomaly.Flight Deck/Cabin/Aircraft Event	
<input type="checkbox"/> Illness / Injury <input type="checkbox"/> Passenger Electronic Device <input type="checkbox"/> Passenger Misconduct <input type="checkbox"/> Smoke / Fire / Fumes / Odor <input type="checkbox"/> Other / Unknown	
Anomaly.Conflict	
<input type="checkbox"/> NMAC <input type="checkbox"/> Airborne Conflict <input type="checkbox"/> Ground Conflict, Critical <input type="checkbox"/> Ground Conflict, Less Severe	
Anomaly.Deviation - Altitude	
<input type="checkbox"/> Crossing Restriction Not Met <input type="checkbox"/> Excursion from Assigned Altitude <input type="checkbox"/> Overshoot <input type="checkbox"/> Undershoot	
Anomaly.Deviation - Speed	
<input type="checkbox"/> All Types	
Anomaly.Deviation - Track/Heading	
<input type="checkbox"/> All Types	
Anomaly.Deviation / Discrepancy - Procedural	
<input type="checkbox"/> Clearance <input type="checkbox"/> FAR <input type="checkbox"/> Hazardous Material Violation <input type="checkbox"/> Landing without Clearance <input type="checkbox"/> Maintenance <input type="checkbox"/> MEL / CDL <input type="checkbox"/> Published Material/Policy <input type="checkbox"/> Security <input type="checkbox"/> Unauthorized Flight Operations (UAS) <input type="checkbox"/> Weight and Balance <input type="checkbox"/> Other / Unknown	
Anomaly.Ground Excursion	Q1
<input type="checkbox"/> Ramp <input type="checkbox"/> Runway <input type="checkbox"/> Taxiway	

Anomaly.Ground Incursion	Q1
<input type="checkbox"/> Ramp <input type="checkbox"/> Runway <input type="checkbox"/> Taxiway	
Anomaly.Ground Event/Encounter	
<input type="checkbox"/> Aircraft <input type="checkbox"/> FOD <input type="checkbox"/> Fuel Issue <input type="checkbox"/> Gear Up Landing <input type="checkbox"/> Ground Equipment Issue <input type="checkbox"/> Ground Strike – Aircraft <input type="checkbox"/> Jet Blast <input type="checkbox"/> Loss of Aircraft Control <input type="checkbox"/> Loss of VLOS (UAS) <input type="checkbox"/> Object <input type="checkbox"/> Person / Animal / Bird <input type="checkbox"/> Vehicle <input type="checkbox"/> Weather / Turbulence <input type="checkbox"/> Other / Unknown	
Anomaly.Inflight Event/Encounter	
<input type="checkbox"/> Aircraft <input type="checkbox"/> CFTT/CFIT <input type="checkbox"/> Fly Away (UAS) <input type="checkbox"/> Fuel Issue <input type="checkbox"/> Laser <input type="checkbox"/> Loss of Aircraft Control <input type="checkbox"/> Object <input type="checkbox"/> Bird / Animal <input type="checkbox"/> Unstabilized Approach <input type="checkbox"/> VFR in IMC <input type="checkbox"/> Wake Vortex Encounter <input type="checkbox"/> Weather / Turbulence <input type="checkbox"/> Other / Unknown	
Anomaly.No Specific Anomaly Occurred	
<input type="checkbox"/> All Types <input type="checkbox"/> Unwanted Situation	
Anomaly.Other	
<input type="checkbox"/> Write-in	

ASRS Coding Form

Events	
Detector	Q1
Automation Aircraft RA Aircraft TA Aircraft Terrain Warning Aircraft Other Automation Air Traffic Control Collision Avoidance System (UAS)	
Person Air Traffic Control Flight Attendant Dispatch Flight Crew Gate Agent / CSR Ground Personnel Maintenance Observer Passenger UAS Crew Visual Observer (UAS) Other Person	
When Detected	Q1
Routine inspection In-flight Taxi Aircraft in service at gate Pre-flight Other _____	
Miss Distance	Q1
Horizontal _____ Vertical _____	
Were Passengers Involved in the Event?	Q1
<input type="checkbox"/> Yes or <input type="checkbox"/> No	

ASRS Coding Form

Events	
Result.General	
<div style="border: 1px solid black; padding: 5px;"> Evacuated Flight Cancelled / Delayed Maintenance Action Physical Injury / Incapacitation Police / Security Involved Release Refused / Aircraft not Accepted Work Refused None Reported / Taken </div>	
Result.Flight Crew	
<div style="border: 1px solid black; padding: 5px;"> Became Reoriented Diverted Executed Go Around / Missed Approach Exited Penetrated Airspace FLC Overrode Automation FLC Complied with Automation / Advisory Inflight Shutdown Landed as Precaution Landed in Emergency Condition Overcame Equipment Problem Regained Aircraft Control Rejected Takeoff Requested ATC Assistance/Clarification Returned to Clearance Returned to Departure Airport Returned to Gate Returned to Home (UAS) Took Evasive Action </div>	
Result.Air Traffic Control	
<div style="border: 1px solid black; padding: 5px;"> Issued Advisory/Alert Issued New Clearance Provided Assistance Separated Traffic </div>	
Result.Aircraft	
<div style="border: 1px solid black; padding: 5px;"> Aircraft Damaged Automated Return to Home (UAS) Automation Overrode Flight Crew Equipment Problem Dissipated Lost Link (UAS) Lost / Unrecoverable (UAS) </div>	

ASRS Coding Form

Assessments

Contributing Factors / Situations

Aircraft
 Airport
 Airspace Structure
 ATC Equip / Nav Facility / Buildings
 Chart or Publication
 Company Policy
 Equipment / Tooling
 Environment – Non Weather Related
 Human Factors
 Incorrect / Not Installed / Unavailable Part
 Logbook Entry
 Manuals
 MEL
 Procedure (inc. Airspace Authorization)
 Software and Automation
 Staffing
 Weather

Primary Problem

Q1

Aircraft
 Airport
 Airspace Structure
 ATC Equipment / Nav Facility / Buildings
 Chart or Publication
 Company Policy
 Equipment / Tooling
 Environment – Non-Weather Related
 Human Factors
 Incorrect / Not Installed / Unavailable Part
 Logbook Entry
 Manuals
 MEL
 Procedure
 Software and Automation
 Staffing
 Weather
 Ambiguous