

## ASRS Coding Form

<b>TIME</b>	
Date	Q1
<div style="border: 1px solid black; padding: 2px;">             yyyyymm           </div>	
Local Time of Day	Q1
<div style="border: 1px solid black; padding: 2px;">             0001 - 0600              0601 - 1200              1201 - 1800              1801 - 2400           </div>	
<b>PLACE</b>	
Locale Reference	Q1
<div style="border: 1px solid black; padding: 2px;">             Airport (ID) _____              NAVAID (ID &amp; Type) _____              Intersection (ID) _____              ATC Facility (ID &amp; Type) _____           </div>	
State Reference	Q1
<div style="border: 1px solid black; padding: 2px;">             State _____           </div>	
Relative Position	Q1
<div style="border: 1px solid black; padding: 2px;">             Radial _____              Distance.Nautical Miles _____           </div>	
Altitude	Q1
<div style="border: 1px solid black; padding: 2px;">             AGL.Single Value _____              MSL.Single Value _____           </div>	

## ASRS Coding Form

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

## ASRS Coding Form

<b>AIRCRAFT</b>	
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

<b>AIRCRAFT</b>	
<b>Airspace</b>	
	Class A _____ Class B _____ Class C _____ Class D _____ Class E _____ Class G _____ Special Use _____ TFR _____
<b>Maintenance Status</b>	
	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
<b>Maintenance Items Involved</b>	
	Inspection Installation Repair Testing Work Cards
<b>Cabin Lighting</b>	
	High Medium Low Off
<b>Number of Seats</b>	
	Number _____
<b>Passengers on Board</b>	
	Number _____
<b>Crew Size Flight Attendant</b>	
	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

<b>COMPONENT</b>	
Component	Q1
Aircraft Component_____	
Manufacturer	Q
Manufacturer_____	
Aircraft Reference	
X	
Y	
Z	
Other _____	
Problem	
Design	
Failed	
Improperly Operated	
Malfunctioning	

# ASRS Coding Form

<b>PERSON</b>	
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

<b>PERSON</b>	
<b>Function.Flight Crew</b>	<b>Q1</b>
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	
<b>Qualification.Flight Crew</b>	<b>Q1</b>
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	
<b>Experience.Flight Crew</b>	<b>Q1</b>
Total _____ Last 90 Days _____ Type _____ Total (UAS) _____ Last 90 Days (UAS) _____ Type (UAS) _____	

<b>Function.Air Traffic Control</b>	<b>Q1</b>
Approach Coordinator Departure Enroute Flight Data /Clearance Delivery Flight Service Ground Handoff/Assist Instructor Trainee Local Oceanic Supervisor/CIC Traffic Management Other / Unknown	
<b>Qualification.Air Traffic Control</b>	
<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Fully Certified	
<div style="border: 1px solid black; height: 20px; width: 100%;"></div> Developmental	
<b>Experience.Air Traffic Control</b>	
Radar (Yrs) _____ Non Radar (Yrs) _____ Military (Yrs) _____ Supervisory (Yrs) _____ Time Certified in Pos 1 (mon) _____	

## ASRS Coding Form

<b>PERSON</b>	
<b>Function.Maintenance</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 2px;"> Inspector  Instructor  Lead Technician  Parts/Stores Personnel  Quality Assurance /Audit  Technician  Trainee  Other / Unknown </div>	
<b>Qualification.Maintenance</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 2px;"> Airframe  Powerplant  Apprentice  Avionics  Inspection Authority  Nondestructive Testing  Repairman </div>	
<b>Experience.Maintenance</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 2px;"> Avionics (yrs)_____  Inspector (yrs)_____  Lead Technician (yrs)____  Repairman (yrs)_____  Technician (yrs)_____ </div>	

<b>Function.Flight Attendant</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 2px;"> Flight Attendant In Charge  Flight Attendant (On Duty)  Off Duty  Other / Unknown </div>	
<b>Qualification.Flight Attendant</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 2px;"> Current </div>	
<b>Experience.Flight Attendant</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 2px;"> Total_____  Airline Total_____  Number Of Acft Qualified On____  Type_____ </div>	
<b>FA - Cabin Activity</b>	
<div style="border: 1px solid black; padding: 2px;"> Boarding  Deplaning  Safety Related Duties  Service </div>	

## ASRS Coding Form

<b>PERSON</b>	
Function.Dispatch	Q1
<div style="border: 1px solid black; padding: 2px;">Dispatcher</div>	
Qualification.Dispatch	Q1
<div style="border: 1px solid black; padding: 2px;">Dispatcher</div>	
Experience.Dispatch	Q1
<div style="border: 1px solid black; padding: 2px;">Dispatch _____</div>	
Function.Ground Personnel	Q1
<div style="border: 1px solid black; padding: 2px;">                     Airport Personnel                      FBO Personnel                      Gate Agent/CSR                      Ramp                      Vehicle Driver                      Other / Unknown                 </div>	
Function.Other	Q1
<div style="border: 1px solid black; padding: 2px;">                     Observer                      Passenger                      Other _____                 </div>	
Qualification.Other	Q1
<div style="border: 1px solid black; padding: 2px;">Other _____</div>	

## ASRS Coding Form

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

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

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

## ASRS Coding Form

<b>Events</b>	
<b>Detector</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 5px;"> <p><b>Automation</b></p> <p>Aircraft RA</p> <p>Aircraft TA</p> <p>Aircraft Terrain Warning</p> <p>Aircraft Other Automation</p> <p>Air Traffic Control</p> <p>Collision Avoidance System (UAS)</p> <p><b>Person</b></p> <p>Air Traffic Control</p> <p>Flight Attendant</p> <p>Dispatch</p> <p>Flight Crew</p> <p>Gate Agent / CSR</p> <p>Ground Personnel</p> <p>Maintenance</p> <p>Observer</p> <p>Passenger</p> <p>UAS Crew</p> <p>Visual Observer (UAS)</p> <p>Other Person</p> </div>	
<b>When Detected</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 5px;"> <p>Routine inspection</p> <p>In-flight</p> <p>Taxi</p> <p>Aircraft in service at gate</p> <p>Pre-flight</p> <p>Other _____</p> </div>	
<b>Miss Distance</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 5px;"> <p>Horizontal _____</p> <p>Vertical _____</p> </div>	
<b>Were Passengers Involved in the Event?</b>	<b>Q1</b>
<div style="border: 1px solid black; padding: 5px;"> <p>Yes   or   No</p> </div>	

## ASRS Coding Form

<b>Events</b>	
<b>Result.General</b>	
<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>	
<b>Result.Flight Crew</b>	
<div style="border: 1px solid black; padding: 5px;">           Became Reoriented            Diverted            Executed Go Around / Missed Approach            Exited Penetrated Airspace            FLC Override 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>	
<b>Result.Air Traffic Control</b>	
<div style="border: 1px solid black; padding: 5px;">           Issued Advisory/Alert            Issued New Clearance            Provided Assistance            Separated Traffic         </div>	
<b>Result.Aircraft</b>	
<div style="border: 1px solid black; padding: 5px;">           Aircraft Damaged            Automated Return to Home (UAS)            Automation Override 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