

DASOR TAXONOMY SYSTEM v3

This document is the complete DASOR Taxonomy, its purpose is to provide a quick reference guide for Investigators to assist in the codification of DASORS either by PDF or on ASIMS. The guide lists each of the taxonomies used within the Findings section of the DASOR, the Findings section is comprised of the Outcome, Cause and Causal Factors and each component must be coded when completing the DASOR.

<p style="text-align: center;">Outcome Taxonomy</p> <p>ATC/ABM/ALI (Air Traffic/Battle Space Management)</p> <p><u>ATS Provision Error</u></p> <p>Communication</p> <ul style="list-style-type: none"> Circuit Information Error Clearance Error Congestion Coordination Error Essential Calls Error Handover Error Incorrect ATC English Liaison Error Warning Error <p>Service</p> <ul style="list-style-type: none"> Avoiding Action Error Division of Attention Excessive Workload Incorrect Priorities Mis-identification Planning Error Reduced Capacity and Awareness Reduced Separation Scan Breakdown Sector/Console Management Error Track Allocation Error Traffic Information Error <p><u>Airfield Management</u></p> <p>Airfield</p> <ul style="list-style-type: none"> Arrestors/Barriers Availability Degraded Degraded/Inappropriate Infrastructure Emergency Power Failure Inadequate Lighting (Adequacy) Inadequate Markings Inadequate Signage Power Failure <p>Emergency Services</p> <ul style="list-style-type: none"> Communication Response Effectiveness Response Time <p>Operating Surface</p> <ul style="list-style-type: none"> Degraded Integrity Excursion Incursion <p>Wildlife Control</p> <ul style="list-style-type: none"> Airfield Incursion Wildlife Strike <p><u>FOD Exposure</u></p> <p>FOD</p> <ul style="list-style-type: none"> On Control Surface/Aircraft Skin On Ground/ASP Other
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<p><u>Oversight/Procedure Error</u></p> <p>Checklists/Procedures</p> <ul style="list-style-type: none"> Incorrect Brief/Out Brief/Debrief Not Followed Procedure Incorrect Procedure Misapplied Revision Management <p><u>Positional Error</u></p> <p>Airspace</p> <ul style="list-style-type: none"> Altitude/Level Bust Altitude/Level Deviation Confliction Congestion Excursion Heading Deviation Overflight of a Winch Launch Glider Site Incursion <p><u>RPAS</u></p> <p>Mission Planning</p> <ul style="list-style-type: none"> En-Route Procedures <p>Weapons Control</p> <ul style="list-style-type: none"> Pre-Flight Clearance Error <p><u>Technical Fault</u></p> <p>Technical Fault</p> <ul style="list-style-type: none"> Technical Fault

<p>Air Operations (Post Aircraft Captains Signature)</p> <p><u>Degraded Aircraft Integrity</u></p> <p>Item Detached from Aircraft</p> <ul style="list-style-type: none"> Attached Loads Carry On Items Integral Component Observations Temporary Load <p><u>Degraded Environmental Conditions</u></p> <p>Landing Visibility Decrease (Helicopter)</p> <ul style="list-style-type: none"> Brownout Red Illumination Whiteout <p>Natural Operating Factor</p> <ul style="list-style-type: none"> Abrasion Accretion Aquaplaning Contamination Hail Damage Icing Lightning Strike Solar Damage Visibility Decrease Wildlife Strike Wind Effect <p><u>Emergency Procedures</u></p> <p>Aircraft Escape</p> <ul style="list-style-type: none"> Ejection Ground Egress/Evacuation In Flight Abandonment <p>Diversion/Deviation</p> <ul style="list-style-type: none"> Forced Unplanned <p>Fire/Smoke/Fumes/Explosion</p> <ul style="list-style-type: none"> Explosion Fire Smoke/Fumes <p>In-flight Power Loss</p> <ul style="list-style-type: none"> Engine Shutdown Reduced Power <p>Physiological</p> <ul style="list-style-type: none"> G-LOC Hypoxia Illness Loss of Pressurisation <p><u>FOD Exposure</u></p> <p>FOD</p> <ul style="list-style-type: none"> In Aircraft In Cockpit/Cabin In Engine On Control Surface/Aircraft Skin On Ground/ASP Other

<p><u>Loss of Safe Separation</u></p> <p>Airprox</p> <ul style="list-style-type: none"> Co-operating Non Co-operating <p>CFIT</p> <ul style="list-style-type: none"> Structure Surface Surface Based Object (Obstruction) <p>Collision (Ground/Hover/Manoeuvring)</p> <ul style="list-style-type: none"> Aircraft Ground Equipment Personnel Structure e.g. Hangar Terrain Vehicle <p>Mid Air Collision (MAC)</p> <ul style="list-style-type: none"> Co-operating Non co-operating <p>Near CFIT</p> <ul style="list-style-type: none"> Structure Surface Surface Based Object (Obstruction) <p>TCAS-RA</p> <ul style="list-style-type: none"> Confliction Erroneous Warning <p>UFIT</p> <ul style="list-style-type: none"> Structure Surface Surface Based Object (Obstruction) <p><u>Oversight/Procedure Error</u></p> <p>Approval/Supervision</p> <ul style="list-style-type: none"> Authorisation Error/Exceedence Supervision Error <p>Checklists/Procedures</p> <ul style="list-style-type: none"> Incorrect Briefing/Out Brief/Debrief Not Followed Procedure Incorrect Procedure Misapplied Revision Husbandry <p><u>Positional Error</u></p> <p>Airspace</p> <ul style="list-style-type: none"> Altitude/Level Bust Altitude/Level Deviation Excursion Heading Deviation Infringement <p>Navigation Error</p> <ul style="list-style-type: none"> Navigational Kit Management Position Timing <p><u>Specialist Activity</u></p> <p>AAR</p> <ul style="list-style-type: none"> Unsafe Approach/Contact Unsafe Disengagement Unsafe Formation

- Unsafe Fuel Transfer
- Air Delivery (non-weapon)**
- Unsafe Cargo Drop
- Unsafe Para Drop
- Systems Mismanagement**
- Fuel**
- Battery Failure (RPAS)
- Contamination
- Incorrect Fuel Type
- Incorrect Quantity
- Jettison
- Mis-management
- Systems Operation**
- Operational Limit Exceeded
- Switch Position/Control Selection Error
- Technical Fault**
- Technical Fault**
- Technical Fault
- Unintended Consequence**
- Unintended Effect**
- Disturbance
- Downwash
- EM Radiation
- Jetwash
- Noise
- Prop Wash
- Vibration
- Unsafe Aircraft Configuration**
- Ordinance/Role Equipment/USL**
- Inadvertent Release/Jettison
- Unsafe Carriage
- Unsafe Release/Jettison
- Unsafe Aircraft Handling (Air)**
- Approach**
- Missed Approach
- Unstable Approach
- Control of Aircraft**
- Abrupt Manoeuvre/Overcontrol
- Aircraft Overstress
- Control Restriction
- Insufficient/Undercontrol
- Lost GPS (RPAS)
- Pilot Induced Oscillation
- Spin/Loss of Control
- Stall
- Uncommanded Manoeuvre
- Landing**
- Barrier Engagement
- Cable Engagement
- Deep Landing
- Ditching
- Ground Loop
- Hazardous Landing
- Heavy/Hard Landing
- Overshoot
- Precautionary Landing
- Runway Excursion
- Runway Overrun

- Undershoot
- Unplanned Recovery (RPAS)
- Wake Turbulence
- Lost Link (RPAS)**
- Deviation from Clearance
- No deviation from Clearance
- Take Off**
- Aborted Take Off
- Failed Launch (RPAS)
- Hazardous Take Off
- Runway Excursion
- Runway Overrun
- Wake Turbulence
- Unsafe Aircraft Handling (Ground)**
- Aircraft Ground Handling**
- Handling
- Loading
- Marshalling
- Safety Pins/Flags/Blanks
- Towing
- Taxiing**
- Operating Surface Excursion
- Runway Incursion

- Airworthiness
- (Depth Activity, inc Aircraft Manufacture)
- Maintenance Management Issue**
- Apply Limit**
- Documentation
- Non-Compliant
- Procedure Incorrect
- Procedure Misapplied
- Component Cannibalisation**
- Authorisation
- Records
- Requirement
- Configuration Control**
- Configuration Error
- Data**
- Analysis Error
- Collection
- Integrity
- Defect Deferral**
- Documentation
- Non-Compliant
- Procedure Incorrect
- Procedure Misapplied
- Extension**
- Documentation
- Non-Compliant
- Procedure Incorrect
- Procedure Misapplied
- Installation**
- Inadequate Training
- Incorrect Installation
- Incorrect Tools
- Modification**
- Incompatible
- Not Embodied
- Not Recorded
- Unauthorised
- Monitor and Control**
- Monitoring and Control Error
- Operational Constraints**
- Enemy Action
- Natural Environmental Conditions
- Physical Environmental Conditions
- Plan and Schedule**
- Delay
- Planning Error
- Schedule Error
- Scheduled Task**
- Forecast
- Incomplete
- Overdue
- Records
- Support to Forward Organisation**
- Maintenance
- Repair
- Technical Record (Log)**
- Information Integrity
- Information Validity

- Policy Issue**
- Directive**
- Inappropriate Timescales
- Unclear Direction
- Mitigation Strategy**
- Disproportionate
- Inappropriate
- Ineffective
- Unaffordable
- Publications**
- Husbandry Error
- Inaccuracy
- Insufficient Availability
- Standards/Requirements**
- Ambiguous
- Communication Issue
- Contradictory
- Inconsistent
- Training**
- SQEP
- Project Management Issue**
- In to Service Plan**
- Contract Error
- Financing Error
- Non-compliant
- Planning Error
- Performance**
- Specification Error
- Under Performance
- Procurement**
- Financing Error
- Insufficient
- Non-compliant
- Planning Error
- Risk**
- Error in Management
- Hazard Not Identified
- Not ALARP
- Technical Fault**
- Technical Fault**
- Technical Fault

General
(All other inc Personal Injury, Hostile Action, Organisational)

Hostile/Unfriendly Action

Kinetic Attack

Air-Air

Air-Ground

Ground-Air

IED

Indirect Fire

Sabotage

Small Arms Fire

Non-Kinetic Attack

Cyber

Electronic Warfare

Illumination

Organisational Fault

Organisational Fault

Equipment

Infrastructure

Information

Logistics

Organisation

Personnel

Policy/Doctrine

Training

Working Together (Interoperability)

Other

Other

Other

Personal Injury

Personal Injury

Caught in/On/Between

Hazard Contact/Exposure

Incorrect Technique

Slip/Trip/Fall

Struck By

Ground Operations
(Forward Activity to Pre Captains Signature)

Emergency Procedures

Fire/Smoke/Fumes/Explosion

Explosion

Fire

Indication/Warning

Smoke/Fumes

FOD Exposure

FOD

In Aircraft

In Cockpit/Cabin

In Engine

In Open System

On Control Surface/Aircraft Skin

On Ground/ASP

Other

Failure to maintain safe separation

Collision – Involving Aircraft

Aircraft

Ground Equipment

Personnel

Structure e.g. Hangar

Vehicle

Collision – Non Aircraft

Ground Equipment

Personnel

Structure e.g. Hangar

Vehicle

Maintenance Activity Error

Aircraft Documentation/IT

Ambiguity

Data Integrity

Incomplete

Not Signed For

Release of an unairworthy aircraft

Signed in Error

Fault Diagnosis

Failed to Isolate Fault

Inconclusive Functional Test

Inconclusive Inspection

Inconclusive Operational Test

System Left in Unsafe Condition

Fuelling

Connection Issue

Contamination

Incorrect Fuel Type

Incorrect Quantity

Panels/Access Not Secure

Spill

Installation/Repair

Equipment/Part Missing

Incorrect Assembly/Installation

Incorrect/Unsafe Part

Panels/Access Not Secure

Part/Item Damaged

System Left in Unsafe Condition

Servicing

A/C Component Condition/Serviceability

Jacking

Not Carried Out

Panels/Access Not Secure

Replenishment Error

Safety pins/Flags/Blanks

Damage to Aircraft

Tasking Error

Oversight/Procedure Error

Approval/Supervision

Authorisation Error/Exceedance

Supervision Error

Checklists/Procedures

Incorrect Briefing/Out Brief/Debrief

Not Followed

Procedure Incorrect

Procedure Misapplied

Revision Management

Security Compromised

Security

Security Compromised

Threat to Aircraft/Equipment

Threat to Personnel

Technical Fault

Technical Fault

Technical Fault

Unsafe Aircraft Handling (Ground)

Aircraft Loading

Incorrect Configuration

Loading/Off Loading Error

Weights/Measures Error

Aircraft Movements

Marshalling Error

Parking/Restraint/Hangarage Error

Safety Pins/Flags/Blanks

Towing Error

Vehicle/GSE/Tools/Equipment

Ground Support Equipment/Vehicle

Defective

Handling

Housekeeping/Storage

Improper Use

Maintenance Error

Tools and Equipment

Defective

Handling

Housekeeping/Storage

Improper Use

Maintenance Error

Not Controlled

Cause Taxonomy

Environmental

Airborne Particulates

Abrasion

Accretion

Chemical Etching

Visibility

Physical Environment

Bird Activity

Contamination

Immersion/Splash

Sea State

Terrain

Wildlife Activity

Weather

Changing Weather

Clear Air Turbulence

Cold

Crosswind

Hail

Heat

Humidity

Icing

Lightning

Precipitation

Space Weather

Tailwind

Thunderstorm

Turbulence

Visibility

Wind

Wind Shear

Human Factors Performance

Action/Execution

Cognitive Breakdown

Control/Handling

F2FP - Following Incorrect

Process/Procedure

F2FP - Inappropriate

Process/Procedure

F2FP - Intentional and Unauthorised

Deviation From a Suitable

Process/Procedure

F2FP - Undetermined Deviation From

Suitable Process/Procedure

F2FP - Unintentional Deviation From

Suitable Process/Procedure

Human Fatigue

Operation/Use

Other

Previous synthetic action/Decision

Cause Undetermined

Cause Undetermined

Decision – Hazard Plan/Mitigation

Option/Decision Process

Perception – Situational Awareness

Hazard Assessment

Hazard Awareness

Non-Service Control

Non-Service Control

Non-Service Control

Technical

Design/Manufacture

Faults/Flaws

Material Spec

Not Fit For Purpose/Unsatisfactory Eqpt

Fault Not Positively Determined

Fault not Positively Determined

Operational/Performance

Design Limit

Wear and Tear

Worked Loose/Disconnected

Unfriendly/Hostile Action

Unfriendly/Hostile Action

Unfriendly/Hostile Action

Causal Factors

Environmental Factors

Natural Environment

Airborne Particulates

Bird Activity

Changing Weather

Clear Air Turbulence

Cloud

Cold

Crosswind

Hail

Heat

Humidity

Immersion/Splash

Light Levels

Lightning

Precipitation

Sea State

Space Weather

Tailwind

Terrain

Thunderstorm

Turbulence

Visibility

Wildlife Activity

Wind

Wind Shear

Workspace

Air Pressure

Configuration/Layout

Ergonomics

Life Support

Lighting

Manoeuvring Forces in Flight

Manoeuvring Forces on Ship

Noise

Safety

Signs/Markings

Temperature

Ventilation

Individual Factors

Vibration

Visibility

Competence

Experience

Knowledge

Skills

Performance

Actions/Execution

Compliance

Decision Making Process

Distraction

Hazard Awareness/Perception

Human Fatigue

Perceived Pressure/Stress

Performance

Task Fixation

Workload

Precondition

Emotional State

Health

Mental Capacity

Physical Capacity

Physical Characteristics

Sensory Ability

Synthetic

Non Identified

Non Identified

Non Identified

Non -Service Control

Non -Service Control

Non -Service Control

Organisation Factors

Acquisition/Provision

Equipment

Finance

IT

Infrastructure

Logistics

Personnel

Training

Communication

Between Organisations on task

Others affected by task or outcome

Within Organisations on task

Culture

Commercial

Leadership

Operational

Safety

Information

Aeronautical

Geographical

Marine

Management

Change

Program

Safety/Risk

Structure

Policy/Doctrine

Doctrine

Policy

Requirement

Regulation/Oversight

Assurance

Documents

Guidance

Regulation

Team/Task Factors

Communication

Between teams on task

Others affected by task or outcome

Within team on task

Culture

Leadership

Normal Practise

Ops Tempo

Workload

Management

Change

Resources/CRM

Safety/Risk

Structure

Planning

Aims/Expectation

Coordination/De-confliction

Information

Team Composition

Process/Task

Change

Clarity

Complexity/Difficulty

Irregular Activity

Procedures

Regular/Repetitive Activity

Provision

Equipment

Finance

IT

Personnel

Training

Regulation

Assurance

Authorisation

Currency/Proficiency

Documents/Orders

Guidance

Supervision

Technical Factors

Aircraft

Access/Egress

Assembly

Configuration

Ergonomics

Function

Identification

Layout/Space

Manufacture

Normal Wear and Tear

Performance

Sensory Feedback

Equipment/Tools

Access/Egress

Assembly

Configuration

Ergonomics

Function

Identification

Layout/Space

Manufacture

Normal Wear and Tear

Performance

Sensory Feedback

Effects

Aircraft or Equipment Damage

Down Time (Days)

Environmental Impact

Financial Cost

Flight Effect

Duty Not Carried Out

Duty Partially Carried Out

Flying Program Delayed

Inability to Deliver Weapon

Sortie Cancelled

Man Hours Expended

Nil Effect

Personal Injury

Reputational Impact