

Deliberate Act		
Was the damage or injury/illness caused by a person who knowingly and willfully deviated from a CAP directive or who deliberately intended		
to cause harm or damage? \square Y \square N		
If "Yes," contact your safety officer or commander for instruction	S	
Natural Disaster		
Was a natural disaster the predominant factor that led to actual	or potential damage or injury/illness? □Y □N	
What was the natural disaster?	Additional Details	
☐ Thunderstorm/Lightning	FACILITY	
☐ Tornado	☐ Facility not a factor	
☐ Hurricane ☐ Facility does not exist		
□ Ice Storm □ Facility used improperly		
☐ Strong Straight-Line Winds ☐ Facility space inadequate		
☐ Earthquake ☐ Facility storage/organization inadequate		
□ Flood		
☐ Wildfire		
□ Other		
Equipment Difficulty		
Was equipment difficulty a factor that led to or could have led to	damage or injury/illness? □Y □N	
NOTE: Do not use this category unless the difficulty caused dama	ge to the aircraft, vehicle, or equipment, or resulted in an injury or illness.	
What contributed the equipment difficulty?	Additional details	
☐ Defective part	EQUIPMENT/TOOLS	
☐ Mechanical failure	☐ Equipment/Tools condition inadequate	
	☐ Fauinment/Tools malfunction/failure	



Performance			
Were specific actions performed in a manner that led to or could have resulted in an unsafe outcome? \Box Y \Box N			
Question	Answer	Cause Category and Causal Factors	Justification What actions or decisions led to the outcome? What thinking or logic led to the actions or decisions? What other considerations led to the actions or decisions?
Operation of Equipment: Did an individual's movements inadvertently activate or deactivate equipment, controls, or switches when there is no intent to operate them?	□Y □N	TRAINING ☐ Training not a factor ☐ Training does not exist ☐ Training not received ☐ Training content inadequate ☐ Training standardization or delivery inadequate ☐ Training frequency inadequate	
Control of aircraft/vehicle/system: Did an individual respond to conditions by either over- or undercontrolling the aircraft/vehicle/system?	□Y □N	LABELS/PLACARDS/SIGNS Labels/placards/signs not a factor Labels/placards/signs not followed/Followed incorrectly Labels/placards/signs do not exist Labels/placards/signs content inadequate	



Visual Scan:	⊔Y	☐ Labels/placards/signs condition
Did the individual make an error	\square N	inadequate
in executing visual scan patterns?		☐ Labels/placards/signs placement or
		visibility inadequate
		EQUIPMENT/TOOLS
		☐ Equipment/tools not a factor
		☐ Equipment/Tools not used or used
		incorrectly
		☐ Equipment/Tools do not exist
		☐ Equipment/Tools inadequate for
Speed of task accomplishment:	□Ү	task
Did an individual take the	\square N	☐ Equipment/Tools condition
necessary action as dictated by		inadequate
the situation but perform these		☐ Equipment/Tools
actions too quickly or too slowly?		malfunction/failure
		☐ Equipment/Tools ergonomics
		inadequate
		PROCEDURES/CHECKLISTS
		□ Procedures/checklists not a factor
		□ Procedures/Checklists not
		followed/Followed incorrectly
		□ Procedures/Checklists do not exist
		□ Procedures/Checklists access
		inadequate
		☐ Procedures/Checklists content or
		sequence inadequate
		☐ Procedures/Checklists format
		inadequate



	☐ Procedures/Checklists condition	
	inadequate	
	COMMUNICATION	
	☐ Communication not a factor	
	☐ Communication content or clarity	
	inadequate	
	☐ Communication timeliness	
	inadequate	
	☐Communication frequency	
	inadequate	
	☐Communication means inadequate	
	☐Communication distribution	
	inadequate	
	REGULATION/STANDARDS/GUIDANCE	
	☐ Regulation/Standards/Guidance	
	not a factor	
	☐ Regulation/Standards/Guidance	
	not followed/followed incorrectly	
	☐ Regulation/Standards/Guidance	
	does do not exist	
	☐ Regulation/Standards/Guidance	
	content inadequate	
	☐ Regulation/Standards/Guidance	
	restrictiveness inadequate	
	☐ Regulation/Standards/Guidance	
	access availability inadequate	
	☐ Regulation/Standards/Guidance	
	out of date	



HOUSEKEEPING Housekeeping not a factor Housekeeping not followed/followed incorrectly Housekeeping does not exist Housekeeping content/clarity inadequate Housekeeping availability/access inadequate FACILITY	
☐ Facility not a factor	
☐ Facility does not exist	
☐ Facility used improperly	
☐ Facility space inadequate	
☐ Facility storage/organization	
inadequate	
SUPERVISION	
Supervision not a factor	
Supervision not provided	
☐ Supervision does not exist	
Supervision best practices not	
followed	
☐ Supervision oversight ratio	
inadequate	
☐ Supervision intervention timeliness	
inadequate	



	☐Supervision assignment beyond	
	member ability	



Judgment and Decision-	-Makin	g	
Did choosing and taking a course of	f action th	at was inadequate or inappropriate for th	he situation lead to or could have resulted in an unsafe
outcome? □Y □N			
Question	Answer	Cause Category and Causal Factor	Justification
Real-Time Risk Assessment:	□Y	TRAINING	
Did an individual make an error in	\square N	☐Training not a factor	
evaluating risks in real-time?		☐Training does not exist	
Prioritization of tasks:	□Ү	☐Training not received	
Did an individual make an error in	\square N	☐Training content inadequate	
prioritizing tasks needed to		☐ Training standardization or delivery	
manage a situation?		inadequate	
Caution/Warning	□Y	☐Training frequency inadequate	
comprehension:	\square N		
Did an individual perceive but		LABELS/PLACARDS/SIGNS	
ignore a caution or warning?		☐ Labels/placards/signs not a factor	
Choice of action during an	□Y	☐ Labels/placards/signs not	
operation:	\square N	followed/Followed incorrectly	
Did an individual select an		☐ Labels/placards/signs do not exist	
ineffective/incorrect course of		☐ Labels/placards/signs content	
action?		inadequate	
		☐ Labels/placards/signs condition	
		inadequate	
		☐ Labels/placards/signs placement or	
		visibility inadequate	
		EQUIPMENT/TOOLS	
		☐ Equipment/tools not a factor	
		☐ Equipment/Tools not used or used	
		incorrectly	
		☐ Fauipment/Tools do not exist	



☐ Equipment/Tools inadequate for	
task	
\square Equipment/Tools condition	
inadequate	
☐ Equipment/Tools	
malfunction/failure	
☐ Equipment/Tools ergonomics	
inadequate	
PROCEDURES/CHECKLISTS	
☐ Procedures/checklists not a factor	
☐ Procedures/Checklists not	
followed/Followed incorrectly	
☐ Procedures/Checklists do not exist	
☐ Procedures/Checklists access	
inadequate	
☐ Procedures/Checklists content or	
sequence inadequate	
☐ Procedures/Checklists format	
inadequate	
☐ Procedures/Checklists condition	
inadequate	
COMMUNICATION	
☐Communication not a factor	
☐Communication content or clarity	
inadequate	
☐Communication timeliness	
inadequate	



☐Communication frequency	
inadequate	
☐Communication means inadequate	
☐Communication distribution	
inadequate	
REGULATION/STANDARDS/GUIDANCE	
☐ Regulation/Standards/Guidance	
not a factor	
☐ Regulation/Standards/Guidance	
not followed/followed incorrectly	
☐ Regulation/Standards/Guidance	
does do not exist	
☐ Regulation/Standards/Guidance	
content inadequate	
☐ Regulation/Standards/Guidance	
restrictiveness inadequate	
☐ Regulation/Standards/Guidance	
access availability inadequate	
☐ Regulation/Standards/Guidance	
out of date	
HOUSEKEEPING	
☐ Housekeeping not a factor	
☐ Housekeeping not	
followed/followed incorrectly	
☐ Housekeeping does not exist	
☐ Housekeeping content/clarity	
inadequate	



	☐ Housekeeping availability/access	
	inadequate	
	FACILITY	
	☐ Facility not a factor	
	☐ Facility does not exist	
	☐ Facility used improperly	
	☐ Facility space inadequate	
	☐ Facility storage/organization	
	inadequate	
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	SUPERVISION	
	☐ Supervision not a factor	
	☐ Supervision not provided	
	☐Supervision does not exist	
	☐ Supervision best practices not	
	followed	
	☐ Supervision oversight ratio	
	inadequate	
	☐ Supervision intervention timeliness	
	inadequate	
	☐Supervision assignment beyond	
	member ability	



Regulatory Deviations			
Did an intentional deviation from d	efined rul	es, standards, and/or instructions lead to	o an actual or potential unsafe outcome? ☐Y ☐N
Question	Answer	Cause Category and Causal Factor	Justification
		Cause Category and Causal Factor TRAINING □ Training not a factor □ Training does not exist □ Training not received □ Training content inadequate □ Training standardization or delivery inadequate □ Training frequency inadequate □ Training frequency inadequate □ Labels/placards/signs not a factor □ Labels/placards/signs not followed/Followed incorrectly □ Labels/placards/signs do not exist □ Labels/placards/signs content inadequate □ Labels/placards/signs condition inadequate □ Labels/placards/signs placement or visibility inadequate	
1		Fauinment/Tools do not exist	



	☐ Equipment/Tools inadequate for	
	task	
	☐ Equipment/Tools condition	
	inadequate	
	☐ Equipment/Tools	
	malfunction/failure	
	☐ Equipment/Tools ergonomics	
	inadequate	
	PROCEDURES/CHECKLISTS	
	☐ Procedures/checklists not a factor	
	☐ Procedures/Checklists not	
	followed/Followed incorrectly	
	☐ Procedures/Checklists do not exist	
	☐ Procedures/Checklists access	
	inadequate	
	☐ Procedures/Checklists content or	
	sequence inadequate	
	☐ Procedures/Checklists format	
	inadequate	
	☐ Procedures/Checklists condition	
	inadequate	
	COMMUNICATION	
	☐Communication not a factor	
	☐Communication content or clarity	
	inadequate	
	☐Communication timeliness	
	inadequate	



☐ Communication frequency	
inadequate	
☐ Communication means inadequate	
☐Communication distribution	
inadequate	
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REGULATION/STANDARDS/GUIDANCE	
☐ Regulation/Standards/Guidance	
not a factor	
☐ Regulation/Standards/Guidance	
not followed/followed incorrectly	
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does do not exist	
☐ Regulation/Standards/Guidance	
content inadequate	
☐ Regulation/Standards/Guidance	
restrictiveness inadequate	
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HOUSEKEEPING	
☐ Housekeeping not a factor	
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	inadequate □ Communication means inadequate □ Communication distribution inadequate REGULATION/STANDARDS/GUIDANCE □ Regulation/Standards/Guidance not a factor □ Regulation/Standards/Guidance not followed/followed incorrectly □ Regulation/Standards/Guidance does do not exist □ Regulation/Standards/Guidance content inadequate □ Regulation/Standards/Guidance restrictiveness inadequate □ Regulation/Standards/Guidance access availability inadequate □ Regulation/Standards/Guidance out of date



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	☐ Housekeeping availability/access	
	inadequate	
	FACILITY	
	☐ Facility not a factor	
	☐ Facility does not exist	
	☐ Facility used improperly	
	☐ Facility space inadequate	
	☐ Facility storage/organization	
	inadequate	
	SUPERVISION	
	☐Supervision not a factor	
	☐Supervision not provided	
	☐Supervision does not exist	
	☐Supervision best practices not	
	followed	
	☐Supervision oversight ratio	
	inadequate	
	☐ Supervision intervention timeliness	
	inadequate	
	☐ Supervision assignment beyond	
	member ability	



Physical Environment			
Did environmental conditions such	as weathe	er, atmospheric conditions, lighting, or no	oise affect an individual's actions? \square Y \square N
Question	Answer	Cause Category and Causal Factor	Justification What was the main source of the factor being present? What led to the individual(s) involved to operate in these conditions?
Factors affecting vision: Were an individual's actions affected by obscured visibility?	□Y □N	TRAINING □Training not a factor □Training does not exist	
Heat/Cold Stress: Were an individual's actions or behavior affected by exposure to heat or cold?	□Y □N	☐ Training not received ☐ Training content inadequate ☐ Training standardization or delivery inadequate	
Lights of other vehicle/vessel/aircraft: Were an individual's actions affected by inadequate lighting, glare, or sudden brightness?	□Y □N	☐ Training frequency inadequate LABELS/PLACARDS/SIGNS ☐ Labels/placards/signs not a factor ☐ Labels/placards/signs not	
Noise Interference: Were an individual's actions affected by noise or sound not directly related to a task?	□Y □N	followed/Followed incorrectly Labels/placards/signs do not exist Labels/placards/signs content inadequate	
Wind (vehicle only): Were windy conditions a contributing factor leading to the outcome?	□Y □N	☐ Labels/placards/signs condition inadequate ☐ Labels/placards/signs placement or visibility inadequate	
Wet/Slick Conditions: Was a slippery surface a contributing factor?	□Y □N	EQUIPMENT/TOOLS □ Equipment/tools not a factor	
Cramped Quarters:	□Y		



Did limited space/room for the	□N	\square Equipment/Tools not used or used
activity/task contribute to the		incorrectly
outcome?		☐ Equipment/Tools do not exist
		☐ Equipment/Tools inadequate for
		task
		☐ Equipment/Tools condition
		inadequate
		☐ Equipment/Tools
		malfunction/failure
		☐ Equipment/Tools ergonomics
		inadequate
		PROCEDURES/CHECKLISTS
		☐ Procedures/checklists not a factor
		☐ Procedures/Checklists not
		followed/Followed incorrectly
		☐ Procedures/Checklists do not exist
		☐ Procedures/Checklists access
		inadequate
		☐ Procedures/Checklists content or
		sequence inadequate
		☐ Procedures/Checklists format
		inadequate
		☐ Procedures/Checklists condition
		inadequate
		COMMUNICATION
		Communication not a factor
		☐ Communication content or clarity
		inadequate



☐Communication timeliness	
inadequate	
☐ Communication frequency	
inadequate	
☐Communication means inadequate	
☐Communication distribution	
inadequate	
REGULATION/STANDARDS/GUIDANCE	
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☐ Regulation/Standards/Guidance	
does do not exist	
☐ Regulation/Standards/Guidance	
content inadequate	
☐ Regulation/Standards/Guidance	
restrictiveness inadequate	
☐ Regulation/Standards/Guidance	
access availability inadequate	
☐ Regulation/Standards/Guidance	
out of date	
HOUSEKEEPING	
☐ Housekeeping not a factor	
☐ Housekeeping not	
followed/followed incorrectly	
☐ Housekeeping does not exist	



	☐ Housekeeping content/clarity	
	inadequate	
	☐ Housekeeping availability/access	
	inadequate	
	FACILITY	
	☐ Facility not a factor	
	☐ Facility does not exist	
	☐ Facility used improperly	
	☐ Facility space inadequate	
	☐ Facility storage/organization	
	inadequate	
	SUPERVISION	
	☐Supervision not a factor	
	☐Supervision not provided	
	☐Supervision does not exist	
	☐ Supervision best practices not	
	followed	
	☐Supervision oversight ratio	
	inadequate	
	☐ Supervision intervention timeliness	
	inadequate	
	☐ Supervision assignment beyond	
	member ability	



Equipment and Technology				
Did automation or design affect the actions of an individual? \Box Y \Box N				
Question	Answer	Cause Category and Causal Factor	Justification What was the main source of the factor being present? What led to the individual(s) involved to operate in these conditions?	
Seat and/or Restraint Systems: Were an individual's actions affected by seat or restraint design or malfunction?	□Y □N	TRAINING ☐ Training not a factor ☐ Training does not exist		
Instrumentation and Warning Systems: Were an individual's actions affected by instrumentation or warning system design, reliability, lighting, symbology, size, etc.?	□Y □N	☐ Training not received ☐ Training content inadequate ☐ Training standardization or delivery inadequate ☐ Training frequency inadequate LABELS/PLACARDS/SIGNS		
Non-weather Visibility Restrictions: Were an individual's actions affected by obstructions to vision that are not caused by weather or environmental conditions? Controls and Switches:	□ Y □ N □ Y	□ Labels/placards/signs not a factor □ Labels/placards/signs not followed/Followed incorrectly □ Labels/placards/signs do not exist □ Labels/placards/signs content inadequate □ Labels/placards/signs condition		
Were an individual's actions affected by location, shape, size, design, reliability, lighting, etc. of controls or switches?	□N	inadequate □Labels/placards/signs placement or visibility inadequate EQUIPMENT/TOOLS		
Automated System:	□Y □N	☐ Equipment/tools not a factor		



Were an individual's actions	\square Equipment/Tools not used or used
affected by the design, function,	incorrectly
reliability, symbology, logic, etc.	☐Equipment/Tools do not exist
of an automated system?	☐ Equipment/Tools inadequate for
	task
	☐Equipment/Tools condition
	inadequate
	☐ Equipment/Tools
	malfunction/failure
	☐ Equipment/Tools ergonomics
	inadequate
	PROCEDURES/CHECKLISTS
	☐Procedures/checklists not a factor
	☐ Procedures/Checklists not
	followed/Followed incorrectly
	☐ Procedures/Checklists do not exist
	☐ Procedures/Checklists access
	inadequate
	☐ Procedures/Checklists content or
	sequence inadequate
	☐ Procedures/Checklists format
	inadequate
	☐ Procedures/Checklists condition
	inadequate
	COMMUNICATION
	☐Communication not a factor
	☐Communication content or clarity
	inadequate



☐ Communication timeliness	
inadequate	
☐Communication frequency	
inadequate	
☐Communication means inadequate	
☐Communication distribution	
inadequate	
REGULATION/STANDARDS/GUIDANCE	
☐ Regulation/Standards/Guidance	
not a factor	
☐ Regulation/Standards/Guidance	
not followed/followed incorrectly	
☐ Regulation/Standards/Guidance	
does do not exist	
☐ Regulation/Standards/Guidance	
content inadequate	
☐ Regulation/Standards/Guidance	
restrictiveness inadequate	
☐ Regulation/Standards/Guidance	
access availability inadequate	
☐ Regulation/Standards/Guidance	
out of date	
HOUSEKEEPING	
☐ Housekeeping not a factor	
☐ Housekeeping not	
followed/followed incorrectly	
☐ Housekeeping does not exist	



•	ng content/clarity
inadequate	
☐Housekeepin	ng availability/access
inadequate	
FACILITY	
☐ Facility not a	factor
☐ Facility does	not exist
☐ Facility used	improperly
☐ Facility space	e inadequate
	ge/organization
inadequate	
SUPERVISION	
☐ Supervision r	not a factor
☐ Supervision r	not provided
□ Supervision o	does not exist
□ Supervision b	best practices not
followed	
☐ Supervision o	oversight ratio
inadequate	
☐ Supervision i	intervention timeliness
inadequate	
	assignment beyond
member ability	



Physiological State				
Did a non-optimal physiological condition contribute to actions or behaviors that led to damage or injury/illness? \Box Y \Box N				
Question	Answer	Cause Category and Causal Factor	Justification What was the main source of the factor being present? What led to the individual(s) involved to operate in these conditions?	
Substance Effects:	□Y	TRAINING		
Did an individual use legal or illegal drugs, supplements, energy drinks or any other substance with measurable effect that interfered with performance? Fatigue: Did diminished physical/mental capability resulting from chronic or acute periods of prolonged	□N □Y □N	□ Training not a factor □ Training does not exist □ Training not received □ Training content inadequate □ Training standardization or delivery inadequate □ Training frequency inadequate □ Training frequency inadequate LABELS/PLACARDS/SIGNS □ Labels/placards/signs not a factor □ Labels/placards/signs not followed/Followed incorrectly □ Labels/placards/signs do not exist □ Labels/placards/signs content inadequate □ Labels/placards/signs condition inadequate □ Labels/placards/signs placement or visibility inadequate		
wakefulness, sleep deprivation, jet lag, shift work or poor sleep habits interfere with performance?				
Physical Strength and Coordination: Was the relative physical strength and/or coordination of the individual not adequate to support task demands? Nutrition/Diet/Hydration: Did an individual's nutrition,	□Y □N			
hydration, or dietary practices result in degraded performance?	□ IN	EQUIPMENT/TOOLS ☐ Equipment/tools not a factor		



☐ Equipment/Tools not used or used
incorrectly
☐ Equipment/Tools do not exist
☐ Equipment/Tools inadequate for
task
☐ Equipment/Tools condition
inadequate
☐ Equipment/Tools
malfunction/failure
☐ Equipment/Tools ergonomics
inadequate
PROCEDURES/CHECKLISTS
☐ Procedures/checklists not a factor
☐ Procedures/Checklists not
followed/Followed incorrectly
☐ Procedures/Checklists do not exist
☐ Procedures/Checklists access
inadequate
☐ Procedures/Checklists content or
sequence inadequate
☐ Procedures/Checklists format
inadequate
☐ Procedures/Checklists condition
inadequate
COMMUNICATION
☐ Communication not a factor
☐ Communication content or clarity
inadequate



	☐Communication timeliness
	inadequate
	☐Communication frequency
	inadequate
	☐ Communication means inadequate
	☐ Communication distribution
	inadequate
	REGULATION/STANDARDS/GUIDANCE
	☐ Regulation/Standards/Guidance
	not a factor
	☐ Regulation/Standards/Guidance
	not followed/followed incorrectly
	☐ Regulation/Standards/Guidance
	does do not exist
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	content inadequate
	☐ Regulation/Standards/Guidance
	restrictiveness inadequate
	☐ Regulation/Standards/Guidance
	access availability inadequate
	☐ Regulation/Standards/Guidance
	out of date
	HOUSEKEEPING
	☐ Housekeeping not a factor
	☐ Housekeeping not
	followed/followed incorrectly
	☐ Housekeeping does not exist



☐ Housekeeping content/clarity	
inadequate	
☐ Housekeeping availability/access	
inadequate	
FACILITY	
☐ Facility not a factor	
☐ Facility does not exist	
☐ Facility used improperly	
☐ Facility space inadequate	
☐ Facility storage/organization	
inadequate	
SUPERVISION	
☐ Supervision not a factor	
☐ Supervision not provided	
☐ Supervision does not exist	
☐ Supervision best practices not	
followed	
☐ Supervision oversight ratio	
inadequate	
☐ Supervision intervention timeliness	
inadequate	
☐ Supervision assignment beyond	
member ability	



Mental State			
Did an individual's non-optimal me	ntal or em	otional state, condition, or attitude creat	te an unsafe situation? \square Y \square N
Question	Answer	Cause Category and Causal Factor	Justification
Life stressors: Was an individual's performance affected by stressful life circumstances? Emotional state: Was an individual under the influence of a strong positive or negative emotion that interfered	□Y □N □Y □N	TRAINING Training not a factor Training does not exist Training not received Training content inadequate Training standardization or delivery inadequate	
with a task?		☐Training frequency inadequate	
Overconfidence: Did an individual overvalue or overestimate personal capability, the capability of others or the capability of aircraft/vehicles or equipment? Pressing: Did an individual knowingly commit to a course of action that excessively pressed the individual and/or their equipment beyond	□Y □N	LABELS/PLACARDS/SIGNS Labels/placards/signs not a factor Labels/placards/signs not followed/Followed incorrectly Labels/placards/signs do not exist Labels/placards/signs content inadequate Labels/placards/signs condition inadequate Labels/placards/signs placement or visibility inadequate	
reasonable limits (e.g., pushing self or equipment too hard)? Complacency: Did an individual succumb to a false sense of security or ignore hazards?	□Y □N	EQUIPMENT/TOOLS Equipment/tools not a factor Equipment/Tools not used or used incorrectly Equipment/Tools do not exist	



☐ Equipment/Tools inadequate for
task
☐ Equipment/Tools condition
inadequate
☐ Equipment/Tools
malfunction/failure
☐ Equipment/Tools ergonomics
inadequate
PROCEDURES/CHECKLISTS
☐ Procedures/checklists not a factor
☐ Procedures/Checklists not
followed/Followed incorrectly
☐ Procedures/Checklists do not exist
☐ Procedures/Checklists access
inadequate
☐ Procedures/Checklists content or
sequence inadequate
☐ Procedures/Checklists format
inadequate
☐ Procedures/Checklists condition
inadequate
COMMUNICATION
☐Communication not a factor
☐Communication content or clarity
inadequate
□Communication timeliness
inadequate



☐Communication frequency	
inadequate	
☐Communication means inadequate	
☐ Communication distribution	
inadequate	
REGULATION/STANDARDS/GUIDANCE	
☐ Regulation/Standards/Guidance	
not a factor	
☐ Regulation/Standards/Guidance	
not followed/followed incorrectly	
☐ Regulation/Standards/Guidance	
does do not exist	
☐ Regulation/Standards/Guidance	
content inadequate	
☐ Regulation/Standards/Guidance	
restrictiveness inadequate	
☐ Regulation/Standards/Guidance	
access availability inadequate	
☐ Regulation/Standards/Guidance	
out of date	
HOUSEKEEPING	
☐ Housekeeping not a factor	
☐ Housekeeping not	
followed/followed incorrectly	
☐ Housekeeping does not exist	
☐ Housekeeping content/clarity	
inadequate	



☐ Housekeeping availability/access	
inadequate	
FACILITY	
☐ Facility not a factor	
☐ Facility does not exist	
☐ Facility used improperly	
☐ Facility space inadequate	
☐ Facility storage/organization	
inadequate	
SUPERVISION	
☐Supervision not a factor	
☐Supervision not provided	
☐Supervision does not exist	
☐ Supervision best practices not	
followed	
☐Supervision oversight ratio	
inadequate	
☐ Supervision intervention timeliness	
inadequate	
☐ Supervision assignment beyond	
member ability	



Question	Answer	llar senses create a misperception of a ha	Justification
7		Cause Category and Causal Factor	Justilication
Motion/Balance Illusion:	□Y	TRAINING	
Did physical sensations of the	\square N	☐ Training not a factor	
ligaments, muscles, or joints		☐Training does not exist	
cause an individual to become		☐Training not received	
disoriented?		☐Training content inadequate	
Visual Illusion:	□Y	☐ Training standardization or delivery	
Did visual stimuli result in an	\square N	inadequate	
individual becoming disoriented?		☐Training frequency inadequate	
Perception of Changing	\Box Y		
Environment:	\square N	LABELS/PLACARDS/SIGNS	
Did an individual misperceive or		☐ Labels/placards/signs not a factor	
misjudge altitude, separation,		☐ Labels/placards/signs not	
speed, closure rate, road		followed/Followed incorrectly	
conditions, aircraft/vehicle		☐ Labels/placards/signs do not exist	
location or other operational		☐ Labels/placards/signs content	
conditions?		inadequate	
Misinterpreted/Misread	\Box Y	☐ Labels/placards/signs condition	
Instrument:	\square N	inadequate	
Did an individual read an		☐ Labels/placards/signs placement or	
instrument indication incorrectly?		visibility inadequate	
Spatial Disorientation:	□Y	visibility madequate	
Did an individual succumb to	\square N	EQUIPMENT/TOOLS	
forces that resulted in incorrectly		-	
sensing position, motion, or		☐ Equipment/tools not a factor	
attitude of an aircraft/vehicle?		☐ Equipment/Tools not used or used	
		incorrectly	
		☐ Equipment/Tools do not exist	



☐ Equipment/Tools inadequate for	
task	
☐ Equipment/Tools condition	
inadequate	
☐ Equipment/Tools	
malfunction/failure	
☐ Equipment/Tools ergonomics	
inadequate	
PROCEDURES/CHECKLISTS	
☐ Procedures/checklists not a factor	
☐ Procedures/Checklists not	
followed/Followed incorrectly	
☐ Procedures/Checklists do not exist	
☐ Procedures/Checklists access	
inadequate	
☐ Procedures/Checklists content or	
sequence inadequate	
☐ Procedures/Checklists format	
inadequate	
☐ Procedures/Checklists condition	
inadequate	
COMMUNICATION	
☐ Communication not a factor	
☐ Communication content or clarity	
inadequate	
☐ Communication timeliness	
inadequate	



☐Communication frequency	
inadequate	
☐Communication means inadequate	
☐Communication distribution	
inadequate	
REGULATION/STANDARDS/GUIDANCE	
☐ Regulation/Standards/Guidance	
not a factor	
☐ Regulation/Standards/Guidance	
not followed/followed incorrectly	
☐ Regulation/Standards/Guidance	
does do not exist	
☐ Regulation/Standards/Guidance	
content inadequate	
☐ Regulation/Standards/Guidance	
restrictiveness inadequate	
☐ Regulation/Standards/Guidance	
access availability inadequate	
☐ Regulation/Standards/Guidance	
out of date	
HOUSEKEEPING	
☐ Housekeeping not a factor	
☐ Housekeeping not	
followed/followed incorrectly	
☐ Housekeeping does not exist	
☐ Housekeeping content/clarity	
inadequate	



☐ Housekeeping availability/access	
inadequate	
FACILITY	
☐ Facility not a factor	
☐ Facility does not exist	
☐ Facility used improperly	
☐ Facility space inadequate	
☐ Facility storage/organization	
inadequate	
SUPERVISION	
☐Supervision not a factor	
☐Supervision not provided	
☐Supervision does not exist	
□Supervision best practices not	
followed	
☐Supervision oversight ratio	
inadequate	
□ Supervision intervention timeliness	
inadequate	
□Supervision assignment beyond	
member ability	



Awareness and Vigilance						
Did attention management affect i	id attention management affect individual performance in task accomplishment? \Box Y \Box N					
Question	Answer	Cause Category and Causal Factor	Justification What was the main source of the factor being present? What led to the individual(s) involved to operate in these conditions?			
Attention: Did an individual's reduced state	□Y □N	TRAINING ☐ Training not a factor				
of alertness or readiness lead to a perceived absence of a hazard?		☐Training does not exist ☐Training not received				
Fixation: Did an individual focus on a limited number of environmental cues to the exclusion of others?	□Y □N	☐ Training content inadequate ☐ Training standardization or delivery inadequate ☐ Training frequency inadequate				
Task Saturation: Did the quantity of information or activities affect an individual's mental resources available for processing information?	□Y □N	LABELS/PLACARDS/SIGNS □ Labels/placards/signs not a factor □ Labels/placards/signs not				
Confusion: Did an individual experience bewilderment, lack of clear thinking, or perceptual disorientation that led to their inability to maintain a cohesive and orderly awareness of events? Habit Transfer:	□Y □N	followed/Followed incorrectly Labels/placards/signs do not exist Labels/placards/signs content inadequate Labels/placards/signs condition inadequate Labels/placards/signs placement or visibility inadequate				
Did an individual revert to a previously learned behavior that	□Y □N	EQUIPMENT/TOOLS				



was not appropriate for the task		☐ Equipment/tools not a factor	
or situation?		☐ Equipment/Tools not used or used	
		incorrectly	
	□ Y	☐Equipment/Tools do not exist	
Distraction:	\square N	☐ Equipment/Tools inadequate for	
Did an individual experience an		task	
environment cue that led to an		☐ Equipment/Tools condition	
interruption of attention or a		inadequate	
redirection of attention?		☐Equipment/Tools	
		malfunction/failure	
		☐ Equipment/Tools ergonomics	
		inadequate	
		PROCEDURES/CHECKLISTS	
		☐ Procedures/checklists not a factor	
		☐ Procedures/Checklists not	
		followed/Followed incorrectly	
		☐ Procedures/Checklists do not exist	
		☐ Procedures/Checklists access	
		inadequate	
		☐ Procedures/Checklists content or	
		sequence inadequate	
		☐ Procedures/Checklists format	
		inadequate	
		☐ Procedures/Checklists condition	
		inadequate	
		COMMUNICATION	
		☐Communication not a factor	



☐Communication content or clarity	
inadequate	
☐Communication timeliness	
inadequate	
☐Communication frequency	
inadequate	
☐Communication means inadequate	
☐Communication distribution	
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☐ Housekeeping not a factor	
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inadequate	
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inadequate	
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☐Supervision not a factor	
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☐Supervision does not exist	
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followed	
☐Supervision oversight ratio	
inadequate	
☐Supervision intervention timeli	ness
inadequate	
□Supervision assignment beyon	d
member ability	



Teamwork			
Did interactions among individuals	, crews, an	d teams involved in the preparation and	execution of a mission/sortie and/or activity create a
hazard? □Y □N			
Question	Answer	Cause Category and Causal Factor	Justification
Crew/Team Leadership: Did crew/team leadership's actions or inactions lead to a breakdown in team/crew function or capability?	□Y □N	TRAINING ☐ Training not a factor ☐ Training does not exist ☐ Training not received	
Task Delegation: Did a team's/crew's distribution of tasks lead to overloading on any individual member?	□Y □N	☐ Training content inadequate ☐ Training standardization or delivery inadequate ☐ Training frequency inadequate	
Rank/Position Intimidation: Did actual or perceived rank or role intimidation degrade individual or team/crew performance?	□Y □N	LABELS/PLACARDS/SIGNS □ Labels/placards/signs not a factor □ Labels/placards/signs not followed/Followed incorrectly	
Assertiveness: Did an individual's lack of assertiveness, persistence, or untimeliness result in critical information not being conveyed?	□Y □N	☐ Labels/placards/signs do not exist ☐ Labels/placards/signs content inadequate ☐ Labels/placards/signs condition inadequate	
Mission/Activity Planning/Briefing: Did an individual's or team's/crew's non-completion of preparatory tasks associated with the planning or briefing of a	□Y □N	□ Labels/placards/signs placement or visibility inadequate EQUIPMENT/TOOLS □ Equipment/tools not a factor □ Equipment/Tools not used or used incorrectly □ Equipment/Tools do not exist	



mission/activity contribute to the	☐ Equipment/Tools inadequate for	
outcome?	task	
	☐ Equipment/Tools condition	
	inadequate	
	☐ Equipment/Tools	
	malfunction/failure	
	☐ Equipment/Tools ergonomics	
	inadequate	
	PROCEDURES/CHECKLISTS	
	☐ Procedures/checklists not a factor	
	☐ Procedures/Checklists not	
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	☐ Procedures/Checklists do not exist	
	☐ Procedures/Checklists access	
	inadequate	
	☐ Procedures/Checklists content or	
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	☐ Procedures/Checklists format	
	inadequate	
	☐ Procedures/Checklists condition	
	inadequate	
	COMMUNICATION	
	\square Communication not a factor	
	☐Communication content or clarity	
	inadequate	
	☐ Communication timeliness	
	inadequate	



☐Communication frequency	
inadequate	
☐Communication means inadequate	
☐Communication distribution	
inadequate	
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☐ Regulation/Standards/Guidance	
not a factor	
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HOUSEKEEPING	
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inadequate	



☐ Housekeeping availability/access	
inadequate	
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☐ Facility not a factor	
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· · · · · · · · · · · · · · · · · · ·	
member ability	
	inadequate FACILITY Facility not a factor Facility does not exist Facility used improperly Facility space inadequate Facility storage/organization inadequate SUPERVISION Supervision not a factor Supervision not provided Supervision does not exist Supervision best practices not followed Supervision oversight ratio inadequate Supervision intervention timeliness inadequate Supervision assignment beyond