NASA ASRS

https://asrs.arc.nasa.gov/report/electronic.html







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ELECTRONIC REPORT SUBMISSION (ERS)

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▶ General Report Form
 ▶ ATC Report Form
 ▶ Maintenance Report Form
 ▶ Cabin Report Form
 ▶ UAS/Drone Report Form
 e.g. Pilot, Dispatcher, Ground Ops, & Other
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 e.g. Repairman, Mechanic, Inspector
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4 Steps to Report Electronically

- Review the ERS Frequently Asked Questions (FAQ). Browser settings and mobile device compatibility details are in the <u>ERS FAQ</u> and are important to the success of your report submission. Be sure your computer is secure and clear of vulnerabilities (see <u>Online Security Tips</u>).
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Thank you for your contribution to aviation safety!



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(e.g. B737, Not "N	(#", Flt#", etc.):		FAR Part:	Aircraft:		F	AR Part:	
Operator	air carrier air taxi corporate	fractional FBO government	military personal other:	air carrier air taxi corporate	☐ fractional ☐ FBO ☐ governm		military persona other:	
Mission	passenger personal	☐ cargo/freight ☐ training	ferry other:	passenger personal	cargo/fre		ferry other:	
Flight Plan	□ VFR □ IFR	□ SVFR □ DVFR	none	□VFR □IFR	□SVFR □DVFR		none	
Flight Phase	taxi parked takeoff initial climb	climb cruise descent initial approach	final approach missed/GAR landing other:	taxi parked takeoff initial climb	climb cruise descent initial app		final app missed/ landing other:	GAR
Route in Use	direct SID (ID):	STAR (ID): oceanic vectors aircraft were involved, ple	visual approach none other:	direct SID (ID):	oceanic vectors		visual ap none other:	
		OCATION			CONFLIC	_		
	(single	e value) MSL .		Estimated miss distant Was evasive action tal		z	vert _	ONo
Airport		ATC Fac	25.00.000	Was TCAS a factor?		OTA	ORA	ONo
Intersection		NAVAID		Did terrain warning sys	stem activate?	Reset	OYes	O No

NASA ARC 277B (May 2009)

GENERAL

OMB No. 2700-0172

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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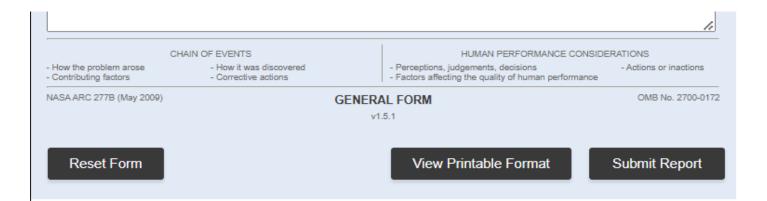
NASA AVIATION SAFETY REPORTING SYSTEM POST OFFICE BOX 189 MOFFETT FIELD, CA 94035-0189



CHAIN OF EVENTS	Page 2 of 3	HUMAN PERFORMANCE CONSIDERATIONS

NASA ARC 277B (May 2009)

	DESCRIBE	EVENT/SITUATION	ON (continued)
		Done 2 of 2	
- How the problem arose	- How it was discovered	Page 3 of 3	HUMAN PERFORMANCE CONSIDERATIONS - Perceptions, judgments, decisions - Actions or inactions - Factors affecting the quality of human performance
 How the problem arose Contributing factors 	 How it was discovered Corrective actions 		- rerespons, judgments, deusions - Actions or inactions



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ATC FORM

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Do you have pilot expe	ience? O No O Yes	hours Instrument Rated
AIRSPACE	CONDITIONS / WEATHER ELEMENT	TS LIGHT / VISIBILITY
Class A Class B Class C Class D Class E Class G TFR	(Select Condition) ✓ Fog Snow Hail Thunderstorm Haze/Smoke Turbulence Icing Windshear Rain Other:	Ceiling: feet Visibility: miles
	AIRCRAFT	1
Primary Aircraft Type		(Make / Model, e.g. B737, NOT N#, Flt#, etc)
Operator FAR Part	(Select FAR Part) ✔ Other:	
Operator	(Select Operator) ✔ Other:	
Mission	(Select Mission) ✔ Other:	
Flight Plan	(Select Flight Plan) 🗸	
Flight Phase	(Select Flight Phase) ✔ Other:	
Route in Use IF MORE THAN ON	Direct Visual Approach Oceanic None Vectors Other:	Airway (ID): STAR (ID): SID (ID): Add Aircraft
LOC	CATION Reset	CONFLICTS Reset
Altitude:	single value) O MSL O AGL	Entimated mice distance in fact

Altitude:	(single value)	O MSL O	AGL		Estimated miss distance in fee	t:		
Distance:	and/or	Radial: (bearing)	fre	om:	Horzontal	Vertical		
Airport		O ATC Fac			Was evasive action taken?		O Yes	O No
					Was TCAS a factor?	O TA	O RA	O No
Intersection		NAVAID			Did terrain warning system act	tivate?	O Yes	O No
		D	ESCRIBE EVI	ENT	SITUATION			
Keeping in mind the topics sh problem, and what can be dor				and ar	nything else you think is important. Include	what you bel	ieve really cau	ised the
								11
	OLIANIO	EL/ELITO			III MAN DEDEADA	CONGRES	TIONIC	
- How the problem arose	CHAIN OF	EVENTS How it was discovered		- P	HUMAN PERFORMANCE erceptions, judgements, decisions		HONS - Actions or ins	actions
- Contributing factors		Corrective actions		-F	actors affecting the quality of human perfo			
NASAARC 277A (May 2009)			ATC I		RM		OMB No.	2700-0172
			v1	.5.1				
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Reset Form					View Printable Format	S	ubmit Re	port
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	CHAIN OF EVENTS	HUMAN PERFORMANCE CONSIDE	ERATIONS
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NASAARC 277A (May 2009)		ATC FORM	OMB No. 2700-01
ASAARC 277A (May 2009)		ATC FORM v1.5.1	OMB No. 270

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MAINTENANCE FORM

DO NOT REPORT AIRCRAFT ACCIDENTS AND CRIMINAL ACTIVITIES ON THIS FORM.
ACCIDENTS AND CRIMINAL ACTIVITIES ARE NOT INCLUDED IN THE ASRS PROGRAM AND SHOULD NOT BE SUBMITTED TO NASA. ALL IDENTITIES CONTAINED IN THIS REPORT WILL BE REMOVED TO ASSURE COMPLETE REPORTER ANONYMITY. IDENTIFICATION STRIP: Please fill in all blanks to ensure return of strip. NO RECORD WILL BE KEPT OF YOUR IDENTITY. This section will be returned to you. TELEPHONE NUMBERS where we may reach you for further details of this occurrence. HOME HOURS OTHER HOURS TYPE OF EVENT/SITUATION NAME (required) ADDRESS/POBOX (required) DATE OF OCCURRENCE (MM/DD/YYYY) MM/DD/YYYY ADDRESS LINE 2 LOCAL TIME (24 HR. CLOCK) [HH:MM] (required) STATE ZP (required) HH:MM PLEASE FILL IN APPROPRIATE SPACES AND CHECK ALL ITEMS WHICH APPLY TO THIS EVENT OR SITUATION. EXPERIENCE Describe your □ NDT Inspection Authority Other: qualifications □ P Repairman Avionics What is your technician / Technician Avionics Lead Technician maintenance experience in Repairman Other Inspector years? FACTORS Reset Location Was training a factor? O No O Yes I was instructing I was receiving training What other factors may Lighting ■ Work cards Briefing have contributed? Weather Manuals Other: Check items which were Inspection O Yes O No Installation Yes No involved in the event Testing O Yes O No Scheduled maintenance O Yes O No Repair O Yes O No MEL O Yes O No Other Logbook entry O Yes O No Fault isolation O Yes O No Component / System / Sub-system involved:

Fault isolation	○ Yes ○ No
Component / System /	
Sub-system involved:	
Was maintenance deferred?	When was problem detected?
○ Yes ○ No	Routine inspection While aircraft was in service at gate
	☐ In-flight ☐ Pre-flight
	□ Taxi □ Other:
	CONSEQUENCES / OUTCOME
☐ Flight delay ☐ Gate ret	urn Improper service In-flight shut down
☐ Flight cancellation ☐ Air turn b	
Other:	
AIRCRAFT / AIRWORTHINESS STATUS	MISSION REPORTER ORGANIZATION
Aircraft released for service	Passenger Training (Select Organization)
Aircraft records completed	Personal Ferry (Select Organization)
 Aircraft required documents aboard 	☐ Cargo / Freight Other:
 Not released for service 	Other:
Unknown	
TYPE OF A	AIRCRAFT (MAKE / MODEL) AND ENGINE TYPE
Type of Aircraft	Series ATA Code
Aircraft zone	Engine model Other
Keeping in mind the topics shown below, discuss those wh problem, and what can be done to prevent a recurrence, o	DESCRIBE EVENT/SITUATION sich you feel are relevant and anything else you think is important, include what you believe really caused the recornect the attraction.
	4
CHAIN OF EVENTS - How the problem arose - Contributing factors - Corrective actic	HUMAN PERFORMANCE CONSIDERATIONS - Perceptions, judgaments, decisions - Factors affecting the quality of human performance
- Contributing factors - Corrective action NASA ARC 277D (May 2009)	MAINTENANCE FORM OMB No. 2700-0172
Reset Form	View Printable Format Submit Report

NASA has established an Aviation Safety Reporting System (ASRS) to identify issues in the aviation system which need to be

	ds completed red documents aboard for service	Personal Cargo / Freig	☐ Ferry	Other:	
	TYPE OF	AIRCRAFT (MAKE	/ MODEL) AND ENGIR	NE TYPE	
Type of Aircraft		Series	, , , , , , , , , , , , , , , , , , , ,	ATA Code	
Aircraft zone		Engine model		Other	
		DESCRIBE EV	/ENT/SITUATION	_	
	lopics shown below, discuss those van be done to prevent a recurrence.		and anything else you think is i	mportant. Include what	you believe really caused the
		N	larrative - D	escribe E	vent / Situation
- How the problem as			- Perceptions, judgements,		- Actions or inactions
- Contributing factors NASA ARC 277D (M			- Factors affecting the quali ANCE FORM	y of human performance	OMB No. 2700-0172
			1.5.1		
Reset For	m		View Printable	Format	Submit Report

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NOTE: Aircraft accidents should not be reported on this form. Such events should be filed with the National Transportation Safety Board as required by NTSB Regulation 830.5 (49CFR830.5).

Paperwork Reduction Act Statement - This information collection meets the requirements of 44 U.S.C. § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget control number. The OMB control number for this information collection is 2700-0172. We estimate that it will take about 30 minutes to read the instructions, gather the facts, and answer the questions. You may send comments on our time estimate above to: P.O. Box 189 Moffett Field, CA 94035-0189.

Thank you for your contribution to aviation safety.

ELECTRONIC REPORT SUBMISSION (ERS)

Securely send any of the following Aviation Safety reports to ASRS via the internet. For information on reporter confidentiality, immunity policy, and other program information please refer to the pages found under Program Information.

To report electronically, select an ASRS Report Form:



4 Steps to Report Electronically

- Review the ERS Frequently Asked Questions (FAQ). Browser settings and mobile device compatibility details are in the <u>ERS FAQ</u> and are important to the success of your report submission. Be sure your computer is secure and clear of vulnerabilities (see <u>Online Security Tips</u>).
- Click on the button above for the appropriate electronic ASRS form read the ASRS policy and then click on "Continue to Report."
- 3. Fill out the form on the computer. To print a copy for your records, you must print it BEFORE clicking Submit. Keep the copy in a secure location. The NASA ASRS team suggests that you do not save your completed report to a shared (e.g., company) computer.
- 4. After you click the Submit button at the bottom of the page, a verification code will appear for your submission. Retain this verification code for future reference. If you do not receive a verification code, refer to the <u>ERS FAQ</u> to ensure proper settings are enabled. If issue cannot be resolved, contact ASRS by using the contact form on the <u>Contact Us</u> page, and select "Electronic Report Submission" as your topic.

NOTE: The identification strip at the top of your report will be printed, date stamped and returned to you by U.S. Mail as proof of submission. Forms submitted

Report to ASRS

- ▶ Electronic Report Submission (ERS)
- Download & Print for US Mail

- Frequently Asked Questions (FAQ)
- Online Security Tips
- Contact ERS



NASA AVIATION SAFETY REPORTING SYSTEM

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CARIN FORM

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IDENTIFICATION STRIP: Please fill in all blanks to ensure return NO RECORD WILL BE KEPT OF YOUR IDENTITY. This section		
TELEPHONE NUMBERS where we may reach you for fu	urther details of this occurrence.	NASA
HOME HOURS		
OTHER HOURS		TYPE OF EVENT/SITUATION
NAME (required)		
ADDRESSPOBOX (required)		DATE OF OCCURRENCE (MM/DD/YYYY)
ADDRESS LINE 2		LOCAL TIME (24 HR. CLOCK) [HH:MM]
CITY (required) STATE	ZP (required)	HH:MM
REPORTER Reset	ACES AND CHECK ALL ITEMS WHICH APPLY	X TO THIS EVENT OR SITUATION.
O Flight Attendant (FA)		al years as Flight Attendant
O FA in charge		FA with your current airline
Off-Duty FA Other:	Number of aircraft types cu	
	Percent of duty time in past yes FLIGHT INFORMATION	ar on aircraft type involved %
Type of Aircraft Make / Model:	PEIGHT INFORMATION	(e.g. 8737) NOT "N#", Fit #, etc.
Number of seats	Number of exi	its: Floor level
Number of pax on board		Window
Number in cabin crew		Tailcone
Flight Segment Flight origin	Tim	e since takeoff hrs / mins
Flight origin Destination	Nearest city (be since takeoff hrs / mins & state (if horsen)
Flight origin		
Flight origin Destination Departure time Cabin Activity	Nearest city in Mean City in Me	& state (if kmown)
Flight origin Destination Departure time Cabin Activity (Check all that apply) Boarding Bewe	Nearest city (
Flight origin Destination Departure time Cabin Activity (Check all that apply) Boarding Bewe	Nearest city (& state (if kmown)
Flight origin Destination Departure time Cabin Activity Gheck all that apply) Boarding Bewell Deplaning Meal	Nearest city in Nearest city i	& state (if known)
Flight origin Destination Departure time	Nearest city in Nearest city i	& state (If known) Other: HER LIGHTING Reset Cloudy CABIN OUTSIDE
Flight origin Destination Departure time	Nearest city in the service all service Tray service pecify HASE WEATH Clear Rain Turbulence	& state (# kmown) Other: LIGHTING Reset Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night
Flight origin Destination Department Department	Nearest city in the service of the s	& state (If kmown) Other: LIGHTING Reset Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night Ice Low
Flight origin Destination Department Department	Nearest city in the service all service Tray service pecify HASE WEATH Clear Rain Turbulence	& state (# kmown) Other: LIGHTING Reset Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night
Flight origin Destination Department Department	Nearest city in the service of the s	& state (If kmown) Other: LIGHTING Reset Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night Ice Low
Flight origin Destination Departure time	Nearest city in the service of the s	& state (If kmown) Other: LIGHTING Reset Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night Ice Low
Flight origin Destination Departure time Departure time Departure time Departure time Departure time Departure time Deplaning Bewere Deplaning Mea Safety related duties, sy OPERATOR FLIGHT PI (Select Operator)	Nearest city in the service of the s	& state (If kmown) Other: LIGHTING Reset Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night Ice Low
Flight origin Destination Departure time Deplaning Mea Safety related duties, sy Departure time Safety related duties, sy OPERATOR FLIGHT PI (Select Operator)	PHYMM (Local Time) erage service	Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night Low Off e involved in the event? Yes No
Plight origin Destination Departure time Departure time Departure time Departure time Departure time Departure time Deplaning Bewere Deplaning Mea Safety related duties, sy OPERATOR FLIGHT PI (Select Operator)	PHYMM (Local Tirre) PHYMM (Local Tirre) PHYMM (Local Tirre) Perage service al service Tray service pecify HASE Clear Rain Turbulence Thunderstorm Unknown T CHARACTERISTICS Reset Pes No Was fire / smoke Pes No Was there an ever result of this ever	Cloudy CABIN OUTSIDE Fog High Daylight Snow Medium Night Low Off e involved in the event? Yes No

			author iteset		
Reporter's location in aircraft at time	of event				1
					1
Reporter's activity at time	of event]
Was a passenger directly involved in the event?	O Yes	○ No	Was fire / smoke involved in the event?	O Yes	○ No
Did this event result in an injury?	O Yes	○ No	Was there an evacuation during or as a Yes result of this event?	○ No	
to passenger?	O Yes	O No			
to crew?	O Yes	○ No			
	DES	CRIBE EV	ENT/SITUATION		
Keeping in mind the topics shown below, discuss those which you feel are relevant and anything else you think is important. Include what you believe really caused the problem, and what can be done to prevent a recurrence, or connect the situation.					
processin, and what can be done to prevent a recur	rence, or correct to	W MILWICH.			
					10
CHAIN OF EVENT	s		HUMAN PERFORMANCE CONSIDE	RATIONS	
	was discovered ive actions		Perceptions, judgements, decisions Factors affecting the quality of human performance	- Adions or it	nactiona
	rve actions				
NASA ARC 277C (May 2009)			NFORM	OMB No	. 2700-0172
		V1	.5.1		
8 45			V 8:411 5 4		
Reset Form			View Printable Format	Submit Re	port

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UAS FORM

For immediate action of	UNSAFE or UNAUTHORIZED drone op	erations contact local authorities.			
ACCIDENTS AND CRIMINAL ACTIV	REPORT UAS ACCIDENTS AND CRIMINAL ACTIVIT ITIES ARE NOT INCLUDED IN THE ASRS PROGRAM D IN THIS REPORT WILL BE REMOVED TO ASSURI	I AND SHOULD NOT BE SUBMITTED TO NASA.			
IDENTIFICATION STRIP: Please fill in all blanks to NO RECORD WILL BE KEPT OF YOUR IDENTITY.	ensure return of strip. This section will be returned to you.				
TELEPHONE NUMBERS where we may reach	you for further details of this occurrence.				
HOME OTHER	HOURS	TYPE OF EVENT / SITUATION (select all that apply) Airspace Incursion / Excursion Collision (aircraft, person, object) Deviation (altitude, procedure)			
		Equipment Issue			
NAME (required)		(Use Command/Ctrl to multi-select)			
		Other: Event / Situation			
ADDRESSPOBOX (required)					
ADDRESS LINE 2		MM/DD/YYYY MM/DD/YYYY			
arr (required)	STATE ZP (required)	LOCAL TIME (24 HR. CLOCK) [HH:MM]			
PLEASE FILL IN APPROP	PRIATE SPACES AND CHECK ALL ITEMS WHICH AP	PLY TO THIS EVENT OR SITUATION.			
	REPORTER Reset				
How were you involved in the UAS operation?	○ Single Person Crew ○ Multi-Pe	erson Crew O Not Involved (e.g. eyewitness)			
If part of a Multi-Person crew tell us:	Crew Size: (total including rep	porter)			
	Role at time of event: (select all that apply)				
	Person Manipulating Controls (ground control station / remote control transmitter) Remote Pilot in Command (RPIC)				
	☐ Visual Observer				
	Other Crew Member:				
Reporter Location	Outdoor / Field Station	O Repair Facility			
	O Indoor / Ground Control Station	Other:			
Time manipulating controls of UAS	Total Time to Date in all UAS N	Make / Models: hrs (e.g. 14.25)			
(Estimated Time, round to nearest quarter hour)	Time Last 90 Days in all UAS Make / Models: hrs (e.g. 9.50)				
	Time to Date in UAS Make / Model involved in event: hrs (e.g. 0.75)				
Manned aircraft flight experience (if applicable)		Total Time: hrs			
FAA Certificates / Ratings held	Remote Pilot / Part 107	☐ Flight Instructor - Manned			

Instrument - Manned

FAA Certificates / Ratings held	Remote Pilot / Part	107 Flight Instructor - Manned		
	☐ Private - Manned	☐ Instrument - Manned		
	Commercial - Manne	ed Multiengine - Manned		
	ATP - Manned	□ N/A (non-certificated recreational flyer)		
	Other:			
	O other.			
WEATHER ELEMENTS		LIGHT / VISIBILITY		
At event location:		(Select Light)		
☐ Clear ☐ Icing	Turbulence	(Scient Light)		
☐ Fog ☐ Rain	☐ Wind	Cloud Ceiling: feet		
☐ Hail ☐ Snow	☐ Windshear	Oloud Colling.		
☐ Haze / Smoke ☐ Thunde	rstorm	VE-11-171-		
Other:		Visibility: miles		
AIRSPA	CE	AIRSPACE AUTHORIZATION PROVIDER Reset		
☐ Class A ☐ Class E		O Authorized Third Party (e.g. USS / UTM App, LAANC provider)		
☐ Class B ☐ Class G		FAA Authorization (e.g., FAA Drone Zone, Fixed Flying Site LOA)		
☐ Class C ☐ Special Use	(e.g. MOA, Restricted, Prohibited)	N/A (e.g. class G airspace)		
	light Restriction (TFR)			
,.		Other:		
	UAS INVOLVE	ED IN EVENT Reset		
UAS Make / Model / Series —				
(or write "Homebuilt")	(do not include registration or serial number)			
•••••				
Weight Category ((Select Weight Category) (at takeoff with payload)			
•				
Configuration (onfiguration (Select Configuration) V Other:			
	,			
How many UASs were you				
controlling? (at time of event)				
Rule Flying Under (Select Rule Flying Under) ✓ Other:				
Airworthiness Approval				
Certification	Standard AC Special	AC Special Authorization / Section 44807		
(if applicable)				
	Were you operating under any Waivers / Exemptions / Authorizations?			
Exemptions / Authorizations FA	R Section Number / Other:			
17	art Coolion Humber / Other.			
Operator (Select Operation Type)	✓ Other:		

Operator	(Select Operation Type)	✓ Other:	
Mission	(Select Mission)	✓ Other:	
Flight Operated As	VLOS (Visual Line of Sight) BVLOS (Beyond VLOS)	With Visual Observer? ○ Yes ○ No	
UAS Control Mode (at time of event)	O Autonomous / Fully Automate O Waypoint Flying	ed O Manual Control O Transitioning Between Modes	
Flight Phase (at time of event)	(Select Flight Phase)	∨ Other:	
Was the UAS flying in, near	r or over: (select all that apply)		
Aerial Show / Event (e.g.	fireworks, airshow)	☐ Natural Disaster	
Aircraft / UAS		☐ No Drone Zone	
Airport / Aerodrome / He	liport	Open Space / Field	
☐ Critical Infrastructure		People / Populated Areas (e.g. residential)	
Crowds (e.g. sporting event,	concert, festival)	Private Property	
Emergency Services (e.g.	g. police, fire)	Recreational Club / Fixed Flying Site	
Indoors / Confined Spac	es	Other:	
Moving Vehicles (e.g. highways, busy streets, bridges)			
IF MORE THAN ONE AIRCRAFT OR UAS WAS INVOLVED, PLEASE ADD ADDITIONAL AIRCRAFT / UAS. Add Aircraft / UAS			
IF MORE THAN ONE AIRCRAF	FT OR UAS WAS INVOLVED, PLEASE ADD A	DDITIONAL AIRCRAFT / UAS. Add Aircraft / UAS	
IF MORE THAN ONE AIRCRAF		DDITIONAL AIRCRAFT / UAS. Add Aircraft / UAS NEAR MISS CONFLICTS Reset	
UAS LOCATION Altitude: feet	N Reset AGL (above ground level)	NEAR MISS CONFLICTS Reset Estimated miss distance from UAS / Aircraft:	
UAS LOCATION Altitude: feet	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles)	NEAR MISS CONFLICTS Reset Estimated miss distance from UAS / Aircraft: Horizontal: feet Vertical: feet How was the UAS / Aircraft conflict avoided?	
UAS LOCATION Altitude: feet Closest Airport: St	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles)	NEAR MISS CONFLICTS Reset	
UAS LOCATION Altitude: feet Closest Airport: St	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles) tate: Distance: (nautical miles)	NEAR MISS CONFLICTS Reset	
O Closest Airport: St	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles) tate: Distance: (nautical miles) CONTRIBUTION ributed: (select all that apply)	NEAR MISS CONFLICTS Reset	
UAS LOCATION Altitude: feet Closest Airport: St Closest VOR/NAVAID: St What factors may have contr Airspace Authorization /	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles) tate: Distance: (nautical miles) CONTRIBUTION ributed: (select all that apply)	NEAR MISS CONFLICTS Reset	
UAS LOCATION Altitude: feet Closest Airport: St Closest VOR/NAVAID: St What factors may have contr Airspace Authorization /	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles) tate: Distance: (nautical miles) CONTRIBUTION Tibuted: (select all that apply) Flight Planning App (e.g. lost link, frequency interference)	NEAR MISS CONFLICTS Reset	
UAS LOCATION Altitude:	N Reset AGL (above ground level) MSL (mean sea level) tate: Distance: (nautical miles) tate: Distance: (nautical miles) CONTRIBUTION Tibuted: (select all that apply) Flight Planning App (e.g. lost link, frequency interference) obstructions, lighting, fire)	NEAR MISS CONFLICTS Reset	

	activated			
CONTRIBUTING FACTORS				
What factors may have contributed: (select all that apply)				
Airspace Authorization / Flight Planning App	☐ Human Factors (e.g. fatigue, confusion, situational awareness)			
☐ Command and Control (e.g. lost link, frequency interference)	☐ Software and Automation (e.g. geofencing, return to home)			
☐ Environment (e.g. terrain, obstructions, lighting, fire)	UA Equipment (e.g. components, sensors, payload)			
FAA Regulation Misinterpretation / Unaware	☐ Weather Conditions (e.g. wind gust, lightning)			
Ground Control Station / Remote Control Transmitter (e.g. hardware failure, interface / display)	Other:			
DESCRIBE EVE	ENT / SITUATION			
Keeping in mind the topics shown below, discuss those which you feel are relevant a problem, and what can be done to prevent a recurrence, or correct the situation.	and anything else you think is important. Include what you believe really caused the			
	ently updated and/or any third party software).			
CHAIN OF EVENTS - How it was discovered - Contributing factors - Contributing factors	HUMAN PERFORMANCE CONSIDERATIONS - Perceptions, judgements, decisions - Actions or inactions - Factors affecting the quality of human performance			
	FORM OMB No. 2700-0172			
Reset Form	View Printable Format Submit Report			

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CHAIN OF EVENTS HUMAN PERFORMANCE CONSIDERATIONS - How the problem arose - How it was discovered - Perceptions, judgements, decisions - Actions or inactions - Contributing factors - Corrective actions - Factors affecting the quality of human performance NASAARC 277U (February 2021) OMB No. 2700-0172 **UAS FORM** v1.5.1 View Printable Format Submit Report Reset Form

From the NASA Aviation Safety Reporting System:

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Section 91.25 of the Federal Aviation Regulations (14 CFR 91.25) prohibits reports filed with NASA from being used for FAA enforcement purposes. This report will not be made available to the FAA for civil penalty or certificate actions for violations of the Federal Air Regulations. Your identity strip, stamped by NASA, is proof that you have submitted a report to the Aviation Safety Reporting System. We can only return the strip to you if you have provided a mailing address. Equally important, we can often obtain additional useful information if our safety analysts can talk with you directly by telephone. For this reason, we have requested telephone numbers where we may reach you.

NOTE: Aircraft accidents should not be reported on this form. Such events should be filed with the National Transportation Safety Board as required by NTSB Regulation 830 (49CFR830).

Paperwork Reduction Act Statement - This information collection meets the requirements of 44 U.S.C. § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget control number. The OMB control number for this information collection is 2700-0172. We estimate that it will take about 30 minutes to read the instructions, gather the facts, and answer the questions. You may send comments on our time estimate above to: P.O. Box 189 Moffett Field, CA 94035-0189.

Thank you for your contribution to aviation safety.