

TECHNICAL REPORT OF U.S. ARMY AIRCRAFT ACCIDENT

PART XIII - FIRE (To be completed for all events involving fire)

For use of this form, see DA Pamphlet 385-40; the proponent agency is OCSA.

REQUIREMENTS CONTROL SYMBOL
CSOCS-309

1. FIRE STARTED (Check D - Definite S - Suspected)			D	S	4. IGNITION SOURCE (Continued)			D	S		
a. Inflight	<input type="checkbox"/>	<input type="checkbox"/>			i. Static Electricity	<input type="checkbox"/>	<input type="checkbox"/>				
b. Upon Impact (Less than 1 minute)	<input type="checkbox"/>	<input type="checkbox"/>			m. Other (Specify)	<input type="checkbox"/>	<input type="checkbox"/>				
c. Upon Impact (More than 1 minute)	<input type="checkbox"/>	<input type="checkbox"/>			n. Undetermined	<input type="checkbox"/>	<input type="checkbox"/>				
d. During Refueling	<input type="checkbox"/>	<input type="checkbox"/>			5. COMBUSTIBLE MATERIAL						
e. Other (Specify)	<input type="checkbox"/>	<input type="checkbox"/>			a. Main Fuel	<input type="checkbox"/>	<input type="checkbox"/>	D	S		
f. Undetermined	<input type="checkbox"/>	<input type="checkbox"/>			b. Auxiliary Fuel	<input type="checkbox"/>	<input type="checkbox"/>				
2. INDICATIONS OF FIRE (More than one may apply. Enter 1, 2, or 3 to show sequence)					c. Hydraulic Fluid	<input type="checkbox"/>	<input type="checkbox"/>				
					d. Engine Oil	<input type="checkbox"/>	<input type="checkbox"/>				
a. <input type="checkbox"/> Fire Warning System	d. <input type="checkbox"/> Smell	g. <input type="checkbox"/> Other (Specify)		e. Transmission Oil	<input type="checkbox"/>	<input type="checkbox"/>					
b. <input type="checkbox"/> Other Instruments	e. <input type="checkbox"/> Explosion (Sound)	f. Electrical Insulation			<input type="checkbox"/>	<input type="checkbox"/>					
c. <input type="checkbox"/> Sight	f. <input type="checkbox"/> External Commo	g. Acoustical Materials			<input type="checkbox"/>	<input type="checkbox"/>					
3. INITIAL AND PRINCIPAL LOCATION OF FIRE (Enter 1 to indicate initial location, 2 to indicate principal location)					h. Metal (Specify)	<input type="checkbox"/>	<input type="checkbox"/>				
					i. Explosives	<input type="checkbox"/>	<input type="checkbox"/>				
a. Engine Section				j. Upholstery Materials	<input type="checkbox"/>	<input type="checkbox"/>					
b. Transmission Section				k. Cargo	<input type="checkbox"/>	<input type="checkbox"/>					
c. Cockpit				l. External Material (Specify)	<input type="checkbox"/>	<input type="checkbox"/>					
d. Tail Assembly				m. Other (Specify)	<input type="checkbox"/>	<input type="checkbox"/>					
e. Passenger Section				n. Undetermined	<input type="checkbox"/>	<input type="checkbox"/>					
f. Baggage Compartment				6. FIRE EXTINGUISHING SYSTEM			a. Gnd	b. Aircraft			
g. External Stores				(1) No Effect When Discharged	<input type="checkbox"/>	<input type="checkbox"/>		Inst	Port		
h. Ammunition Stores				(2) Activated, But Did Not Discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
i. Avionic Section				(3) Reduced Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
j. APU				(4) Extinguished Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
k. Wheel Well				(5) Not Activated And Not Near Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
l. Wheel Brake				(6) Not Activated, But Near Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
m. Tail Pipe				(7) Not Installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
n. Instrument Panel				7. FIRE SMOKE DETECTION SYSTEM							
o. Battery Compartment				a. System Installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes	No	Undet	
p. Heater Compartment				b. Warning System Operated Properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
q. Fuel Cell (Specify)				c. Sensors Within Range of Smoke/Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
r. Wing				8. EFFECT OF EMER SHUTOFF PROCEDURE (Enter D, S, or U)							
s. Gun Turret				a. Extinguished Flame				Eng	Fuel	Elect	
t. Tail Boom				b. Reduced Fire							
u. Cargo Section				c. No Effects							
v. Tires				d. Not Accomplished							
w. Other (Specify)				e. Used Faulty Procedure							
x. Undetermined				9. GENERAL DATA							
4. IGNITION SOURCE			D	S	a. Est of Aircraft Fire Damage (Excl of impact damage)						
a. Exhaust Flames	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> 0-25% <input type="checkbox"/> 26-50% <input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%						
b. Sparks, Friction, e.g., Skidding	<input type="checkbox"/>	<input type="checkbox"/>			b. Fire Dimension: To Clear Fire, Aircraft Occupants Had To Move (feet):						
c. Electrical Sparks	<input type="checkbox"/>	<input type="checkbox"/>			c. Toxicity: Was There Evidence of Toxic Products?						
d. Hot Surfaces, e.g., Exhaust Ducts	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Yes <input type="checkbox"/> No						
e. Aircraft Subsystem	<input type="checkbox"/>	<input type="checkbox"/>			d. Distance To Nearest Available Military Firefighting Equipment						
f. Aircraft Occupant, e.g., Lighted Cigar	<input type="checkbox"/>	<input type="checkbox"/>			(1) Air Miles (NM):						
g. External of Aircraft, e.g., Grass Fire	<input type="checkbox"/>	<input type="checkbox"/>			(2) Road Miles (SM):						
h. Cargo	<input type="checkbox"/>	<input type="checkbox"/>			e. G-Force Activated Fire Extinguishing System Functioned As Designed						
i. Explosives	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA						
j. Short Circuit	<input type="checkbox"/>	<input type="checkbox"/>			10. REMARKS (Use additional sheet if required)						
k. Lightning	<input type="checkbox"/>	<input type="checkbox"/>									
11. CASE NO.		a. Date (YYYYMMDD)	b. Time	c. Acft Serial No.	12. OTHER ACFT SERIAL NO.						