TECHNICAL REPORT OF U.S. ARMY AIRCRAFT ACCIDENT

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

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

REQUIREMENTS CONTROL SYMBOL
CSOCS-309

1. FIRE STARTED *(Check D - Definite S - Suspected)*	D	S
a. Inflight		
b. Upon Impact *(Less than 1 minute)*		
c. Upon Impact *(More than 1 minute)*		
d. During Refueling		
e. Other *(Specify)*		
f. Undetermined		

2. INDICATIONS OF FIRE
(More than one may apply. Enter 1, 2, or 3 to show sequence)

a. ☐ Fire Warning System d. ☐ Smell g. ☐ Other *(Specify)*
b. ☐ Other Instruments e. ☐ Explosion *(Sound)*
c. ☐ Sight f. ☐ External Commo

3. INITIAL AND PRINCIPAL LOCATION OF FIRE *(Enter 1 to indicate initial location, 2 to indicate principal location)*	D	S
a. Engine Section		
b. Transmission Section		
c. Cockpit		
d. Tail Assembly		
e. Passenger Section		
f. Baggage Compartment		
g. External Stores		
h. Ammunition Stores		
i. Avionic Section		
j. APU		
k. Wheel Well		
l. Wheel Brake		
m. Tail Pipe		
n. Instrument Panel		
o. Battery Compartment		
p. Heater Compartment		
q. Fuel Cell *(Specify)*		
r. Wing		
s. Gun Turret		
t. Tail Boom		
u. Cargo Section		
v. Tires		
w. Other *(Specify)*		
x. Undetermined		

4. IGNITION SOURCE	D	S
a. Exhaust Flames		
b. Sparks, Friction, e.g., Skidding		
c. Electrical Sparks		
d. Hot Surfaces, e.g., Exhaust Ducts		
e. Aircraft Subsystem		
f. Aircraft Occupant, e.g., Lighted Cigar		
g. External of Aircraft, e.g., Grass Fire		
h. Cargo		
i. Explosives		
j. Short Circuit		
k. Lightning		

4. IGNITION SOURCE *(Continued)*	D	S
l. Static Electricity		
m. Other *(Specify)*		
n. Undetermined		

5. COMBUSTIBLE MATERIAL	D	S
a. Main Fuel		
b. Auxiliary Fuel		
c. Hydraulic Fluid		
d. Engine Oil		
e. Transmission Oil		
f. Electrical Insulation		
g. Acoustical Materials		
h. Metal *(Specify)*		
i. Explosives		
j. Upholstery Materials		
k. Cargo		
m. External Material *(Specify)*		
n. Other *(Specify)*		
o. Undetermined		

6. FIRE EXTINGUISHING SYSTEM	a. Gnd	b. Aircraft	
		Inst	Port
(1) No Effect When Discharged			
(2) Activated, But Did Not Discharge			
(3) Reduced Fire			
(4) Extinguished Fire			
(5) Not Activated And Not Near Fire			
(6) Not Activated, But Near Fire			
(7) Not Installed			

7. FIRE SMOKE DETECTION SYSTEM	Yes	No	Undet
a. System Installed			
b. Warning System Operated Properly			
c. Sensors Within Range of Smoke/Fire			

8. EFFECT OF EMER SHUTOFF PROCEDURE *(Enter D, S, or U)*	Eng	Fuel	Elect
a. Extinguished Flame			
b. Reduced Fire			
c. No Effects			
d. Not Accomplished			
e. Used Faulty Procedure			

9. GENERAL DATA

a. Est of Aircraft Fire Damage *(Excl of impact damage)*
☐ 0-25% ☐ 26-50% ☐ 51-75% ☐ 76-100%

b. Fire Dimension: To Clear Fire, Aircraft Occupants Had To Move *(feet):*

c. Toxicity: Was There Evidence of Toxic Products?
☐ Yes ☐ No

d. Distance To Nearest Available Military Firefighting Equipment
(1) Air Miles *(NM):* (2) Road Miles *(SM):*

e. G-Force Activated Fire Extinguishing System Functioned As Designed
☐ Yes ☐ No ☐ NA

10. REMARKS *(Use additional sheet if required)*

11. CASE NO.	a. Date *(YYMMDD)*	b. Time	c. Acft Serial No.	**12. OTHER ARCFT SERIAL NO.**