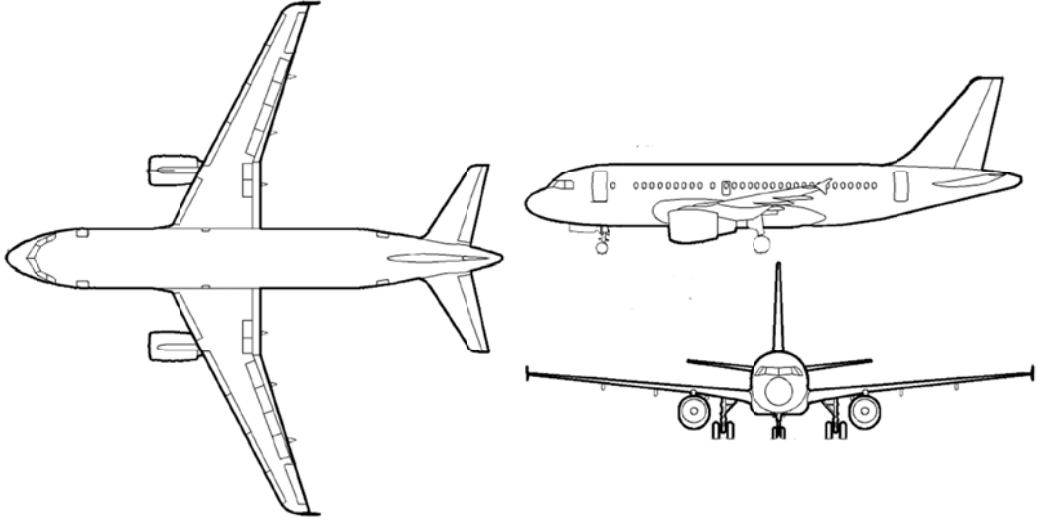
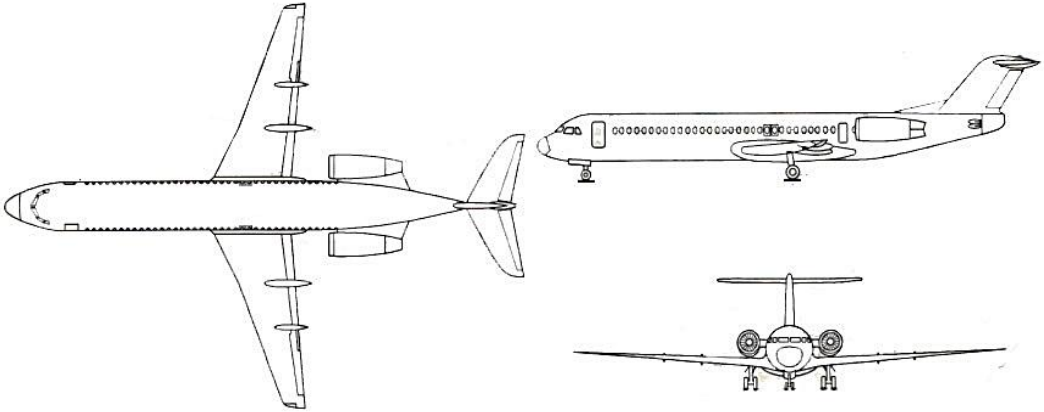
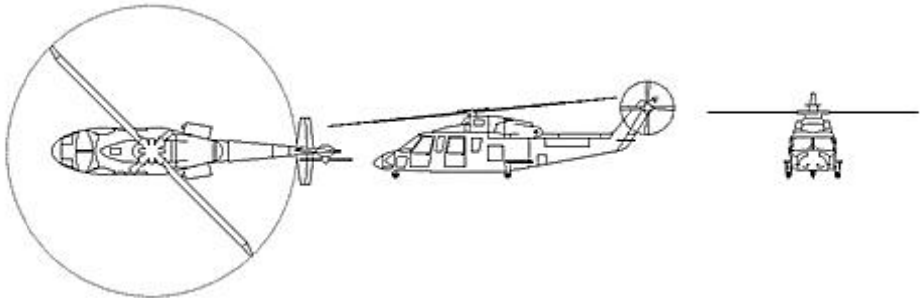


	LIGHTNING STRIKE RESEARCH PROGRAMME LSR – Lightning Strike Report	
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LSR Reference n°:	/20__	Airline:			
Aircraft Make:		Model:		People on board	Crew Pax
Date (dd/mm/yy):		Time (hh:mm):		A/C Weight:	(tons)
Flight Phase	Ground:	☐ Refuelling ☐ Taxiing out	☐ Towing ☐ Taxiing in	☐ Pushback ☐ Parked →	☐ at the finger ☐ on the apron
	Airborne:	☐ T/O run ☐ Descent	☐ Initial Climb ☐ Approach	☐ Climb ☐ Landing	☐ Cruise → ☐ Holding →
					Flight Level
					Flight Level
Runway / apron conditions	☐ Dry ☐ Damp ☐ Wet ☐ Flooded	☐ Dry snow ☐ Wet snow ☐ Slush	Coordinates: _____ _____ _____ _____		
Weather conditions when the lightning caught the aircraft	Visibility (Km)	Wind (dir/kts)	Clouds / Ceiling	SAT (°C)	QNH (mb)
	_____	_____	_____	_____	_____
	☐ Dawn	☐ Daylight	☐ Dusk/Twilight	☐ Night/Moonlight	☐ Night/Dark
	☐ RAIN ☐ L ☐ M ☐ H	☐ SNOW ☐ L ☐ M ☐ H	☐ ICING ☐ L ☐ M ☐ H	☐ FOG ☐ L ☐ M ☐ H	☐ TURBULENCE ☐ L ☐ M ☐ H
	☐ HAIL ☐ L ☐ M ☐ H	☐ VOLCANIC ASH ☐ L ☐ M ☐ H	☐ WINDSHEAR ☐ L ☐ M ☐ H	☐ St Elmo's fires before lightning ☐ L ☐ M ☐ H	
	☐ Clear sky area	☐ Within clouds	☐ Close to CBs →	Distance (NM) _____	Position of the CBs _____
Shape of echoes on the radar screen	☐ Finger ☐ Hook ☐ Other: _____	☐ U-shape ☐ Scalloped Edges	Radar colours shown ☐ Green ☐ Yellow ☐ Red ☐ Magenta	☐ Photo attached: _____	
Systems failures after lightning strike	System failed		Please, describe briefly how you recovered the faulty system(s)		
	☐ Engine(s) abnormal behavior:				
	☐ Generators resets:				
	☐ Computer failures:				
	☐ CBs tripped:				
	☐ IRs faults:				
	☐ Fuel pumps faults:				
	☐ Flight Controls faults:				
	☐ Radios/Avionics/Radar faults:				
☐ Other systems:					
Any unrecoverable system after reset?	☐ No ☐ Yes → Please detail: _____				
Passengers/Crew suffer any disease?	☐ No ☐ Yes → Please detail: _____				
Resulting aircraft damage?					

Inlet and outlet areas Use: ☐ inlet point ☒ outlet point X burned/melted areas	Wing Mounted Engines:  Tail Mounted Engines:  Rotorcraft: 		
Burned areas	☐ Melted metal ☐ Burned composite ☐ Evidence of fire	☐ Static dischargers burned out ☐ Holes in the fuselage ☐ Evidences of arcing	☐ Other (please detail):
Pilot's Remarks			

Thank you for your cooperation!