



AIRCRAFT FIREFIGHTING AND RESCUE EXPERIENCES

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Belgrade "Nikola Tesla" Airport

Belgrade "Nikola Tesla" Airport first started with operation in 1910 when a flying field in Banjica was used as the first Belgrade airport. Since then until now, it kept changing location, growing and developing.

Today, Belgrade Airport is the biggest airport in Serbia and it has about 44.500 aircraft movements and about 2.650.000 passengers per year.

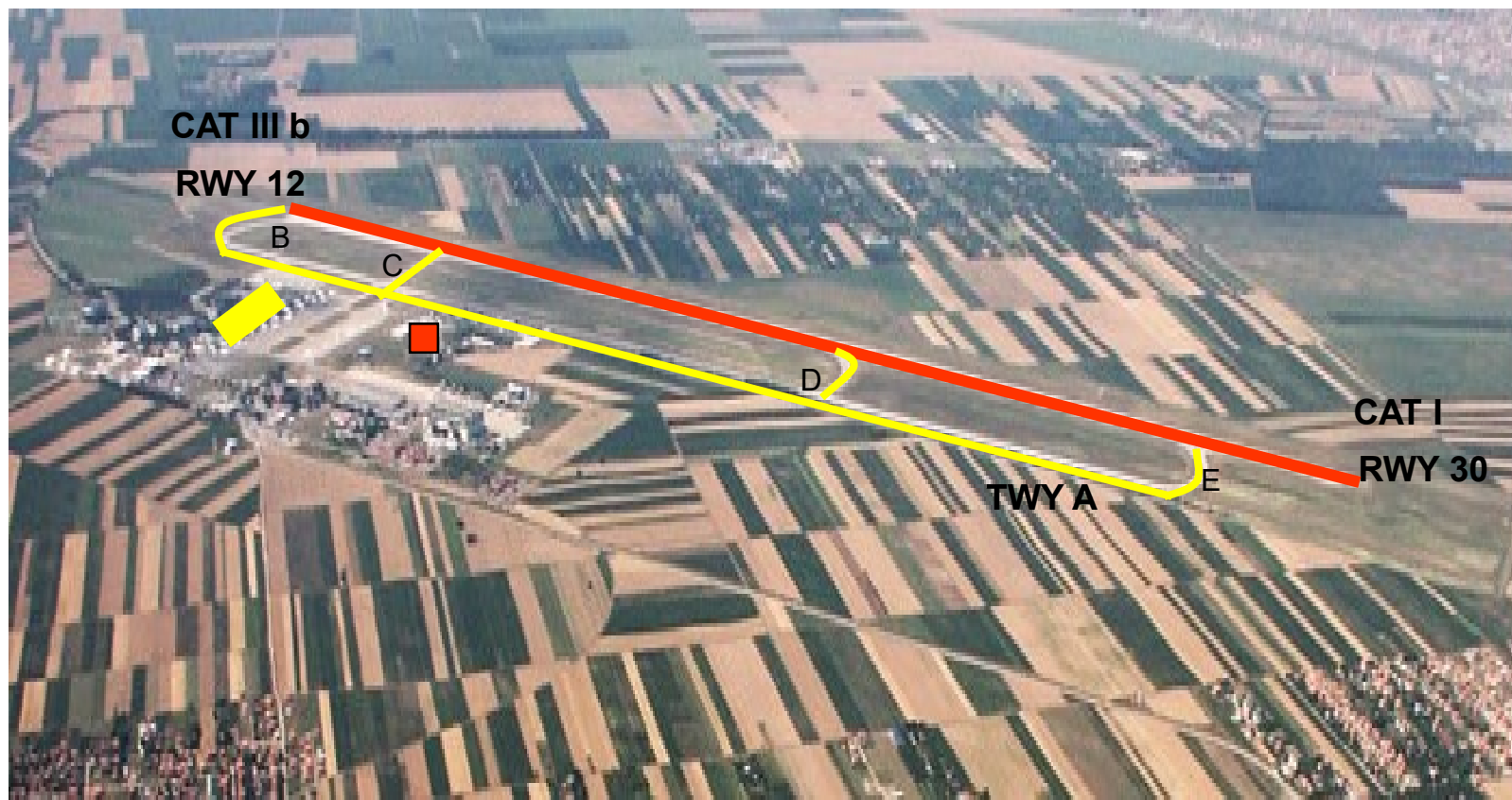


Traffic Figures	2007	2008
Number of Passengers	2.512.890	2.650.048
Aircraft Movements (Take Off / Landing)	43.448	44.454
Cargo + Mail (t)	7.926 + 879	8.129 + 1.031

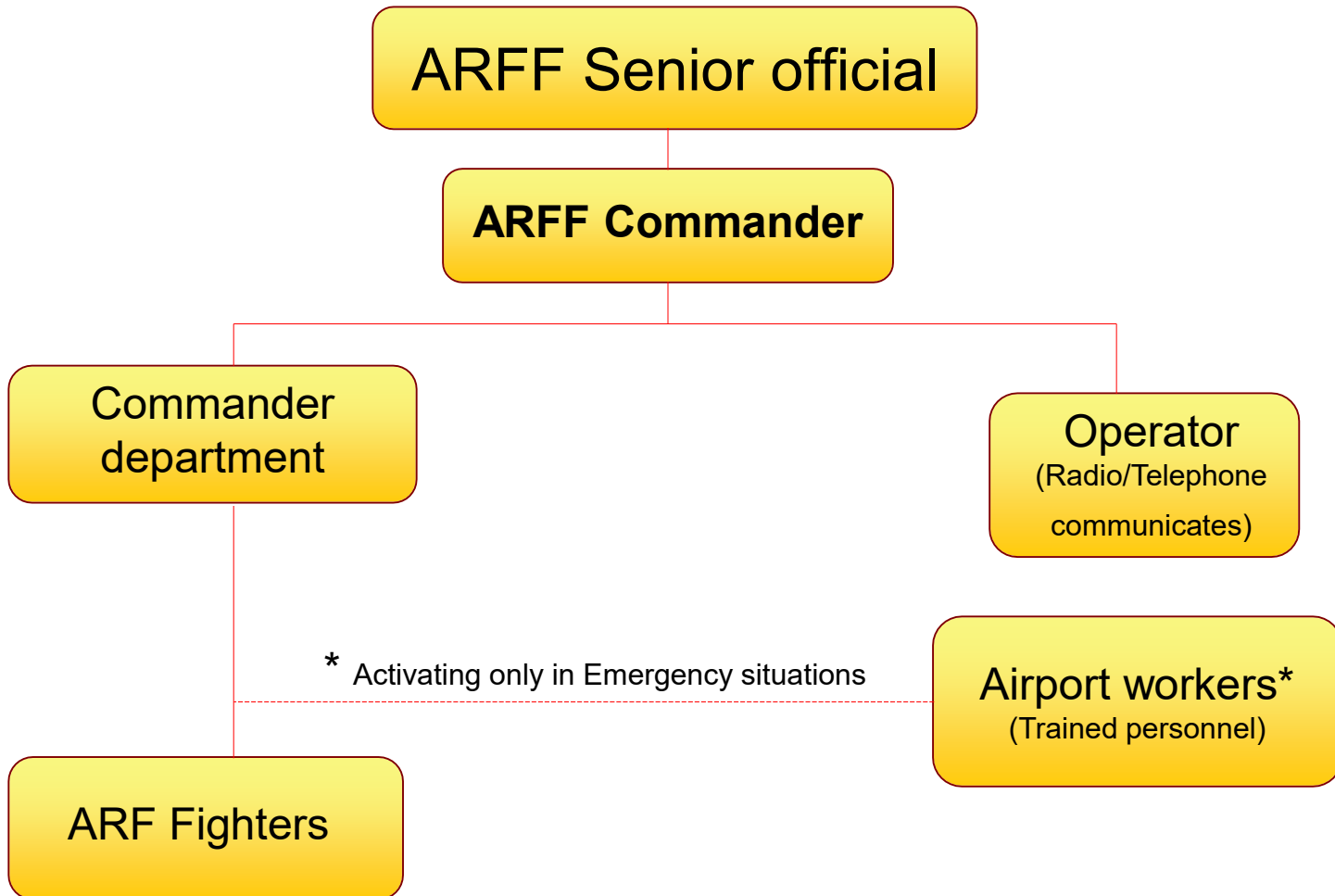
Belgrade "Nikola Tesla" Airport

RWY	BRG MAG	RWY (m)
12	119°	3 400 x 45 (ASPH 3.000 m, CONC 400 m)
30	299°	3 400 x 45 (CONC 400 m, ASPH 3.000 m)

Airport
Category
7



ARFF personnel



**Commander
dept.**

18.10.2008
UTC 05.00
LT= UTC+2

Operator
(Radio/Telephone
communicates)

**Rapid vehicle
“PANHTER”**

1+2 ARFF



**Main vehicle 1
“Scamel”**

1+1 ARFF



**Main vehicle 2
“Magirus”**

1+1 ARFF



Technical vehicle

1



ARFF vehicles

Preferences	Rapid vehicle “PANTHER”	ARFF vehicle 1 “SCAMEL”	ARFF vehicle 2 “MAGIRUS”
Water, qty (lit.)	12.500	10.000	3.500
Foam, qty (lit.)	1.500	1.000	500
Powder, qty (kg)	750	-	68
Shot range water flinger (m)	80 (1) 70 (2)	75	70
Pump capacity (l/min)	6.500	6.000	4.500



“PANTHER”



“SCAMEL”



“MAGIRUS”

Boeing 737-800



Main characteristics

Length 39,5 m

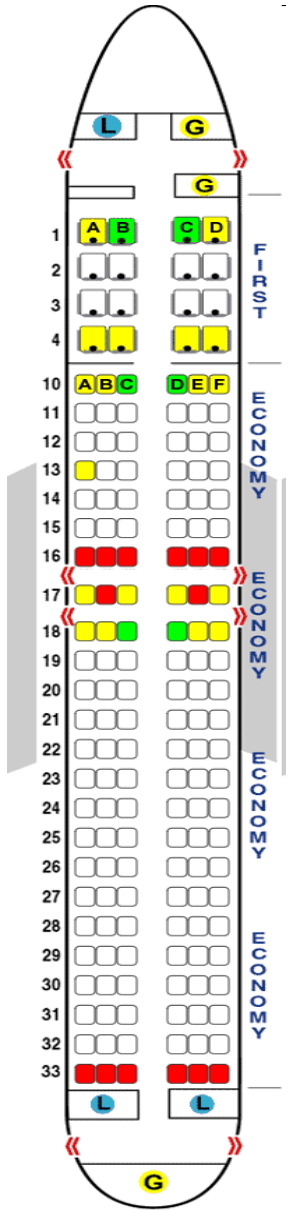
Height 12,6 m

Wingspan 34,3 m

Maximum fuel 26.020 lit.

Seating Capacity 189

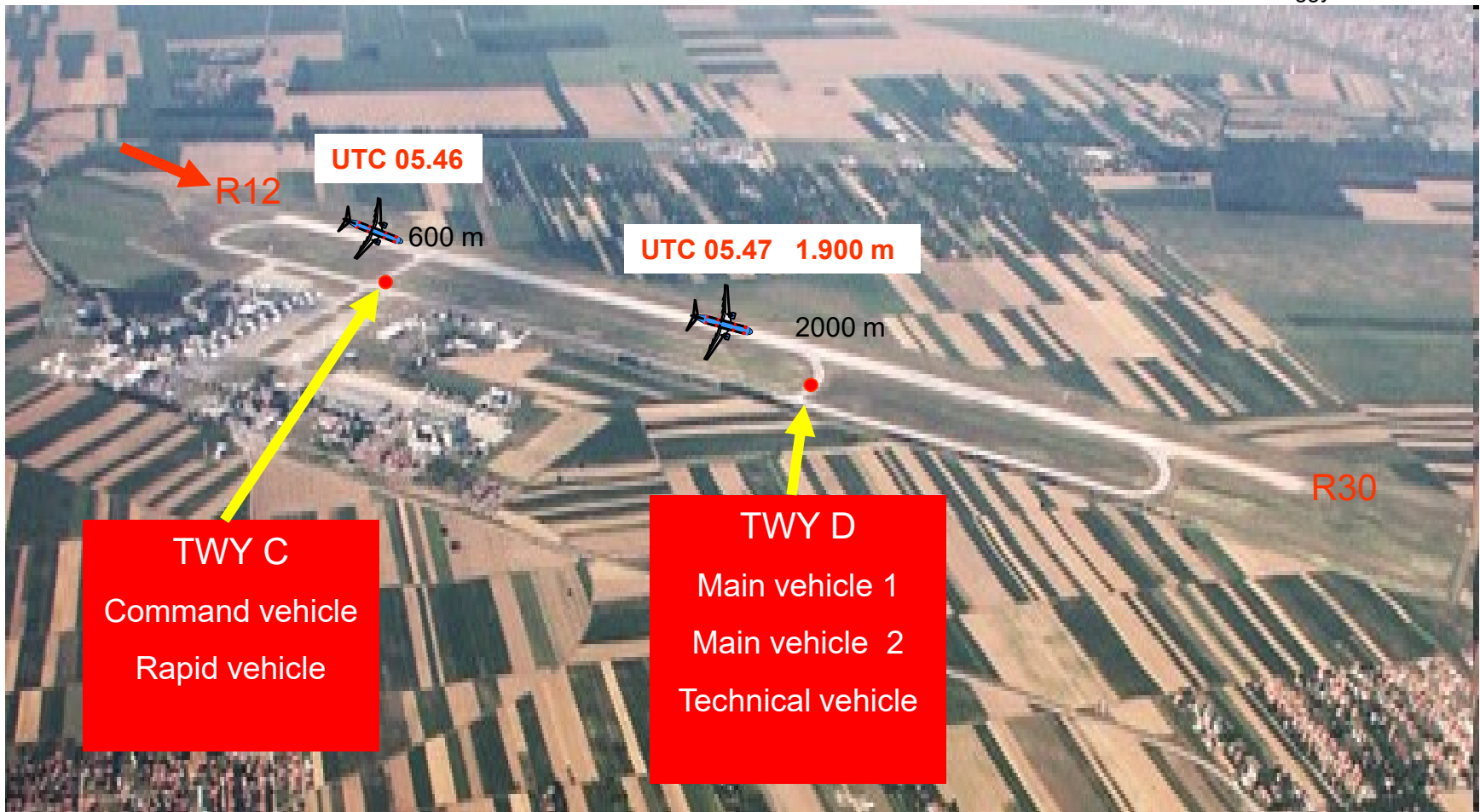
B 737-800

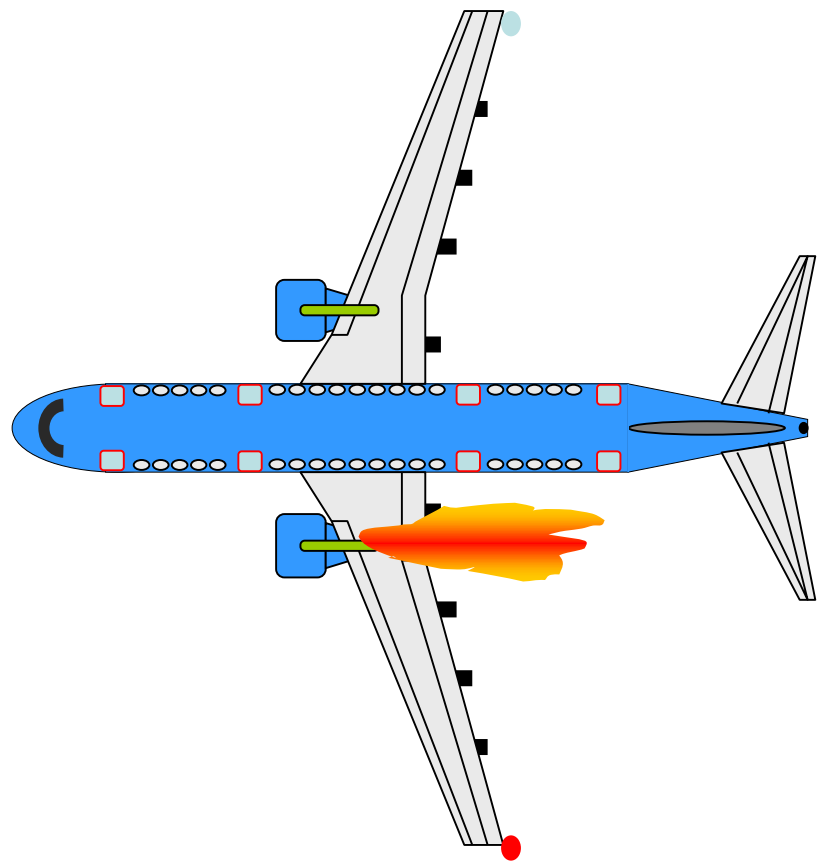


RWY 12 - 30



foggy and windless



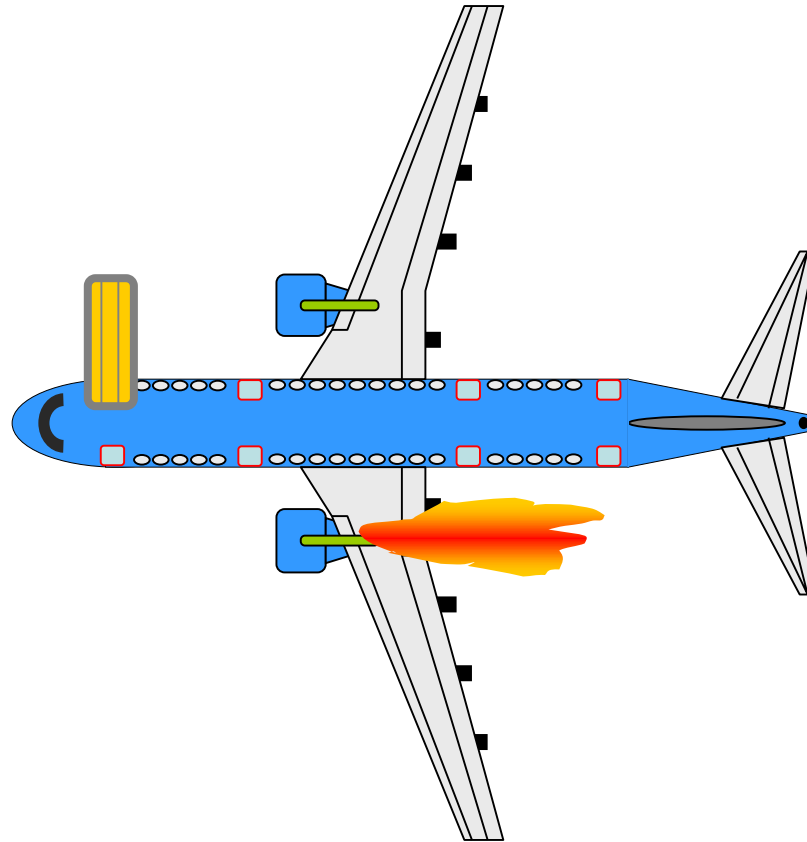


R 30

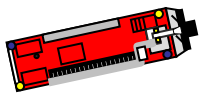
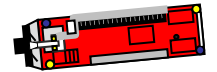
R 12

- Passengers onboard 182 adults, 1 child, and
- 6 crew members
- Fuel: 7.000 liters

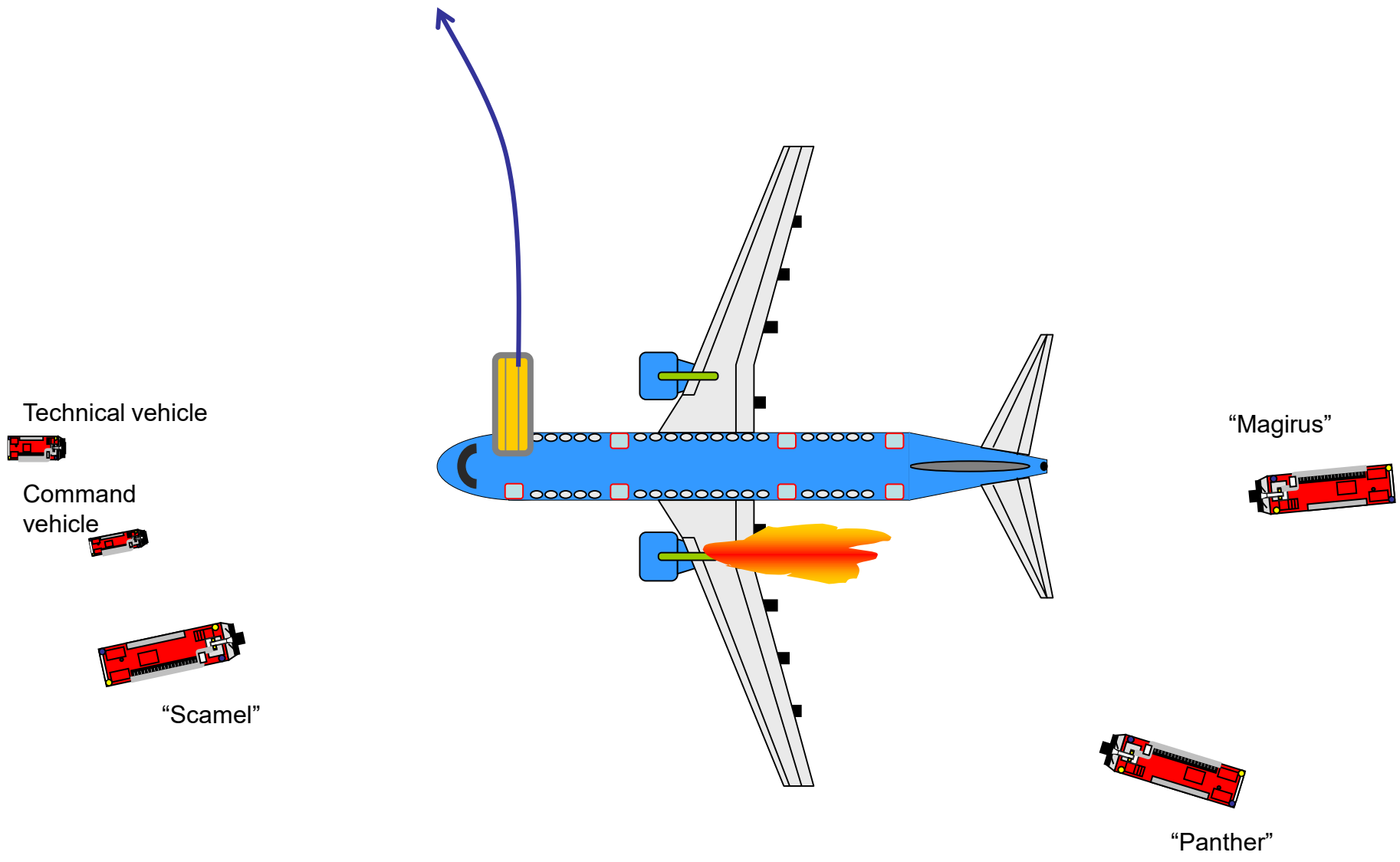
UTC 05.47

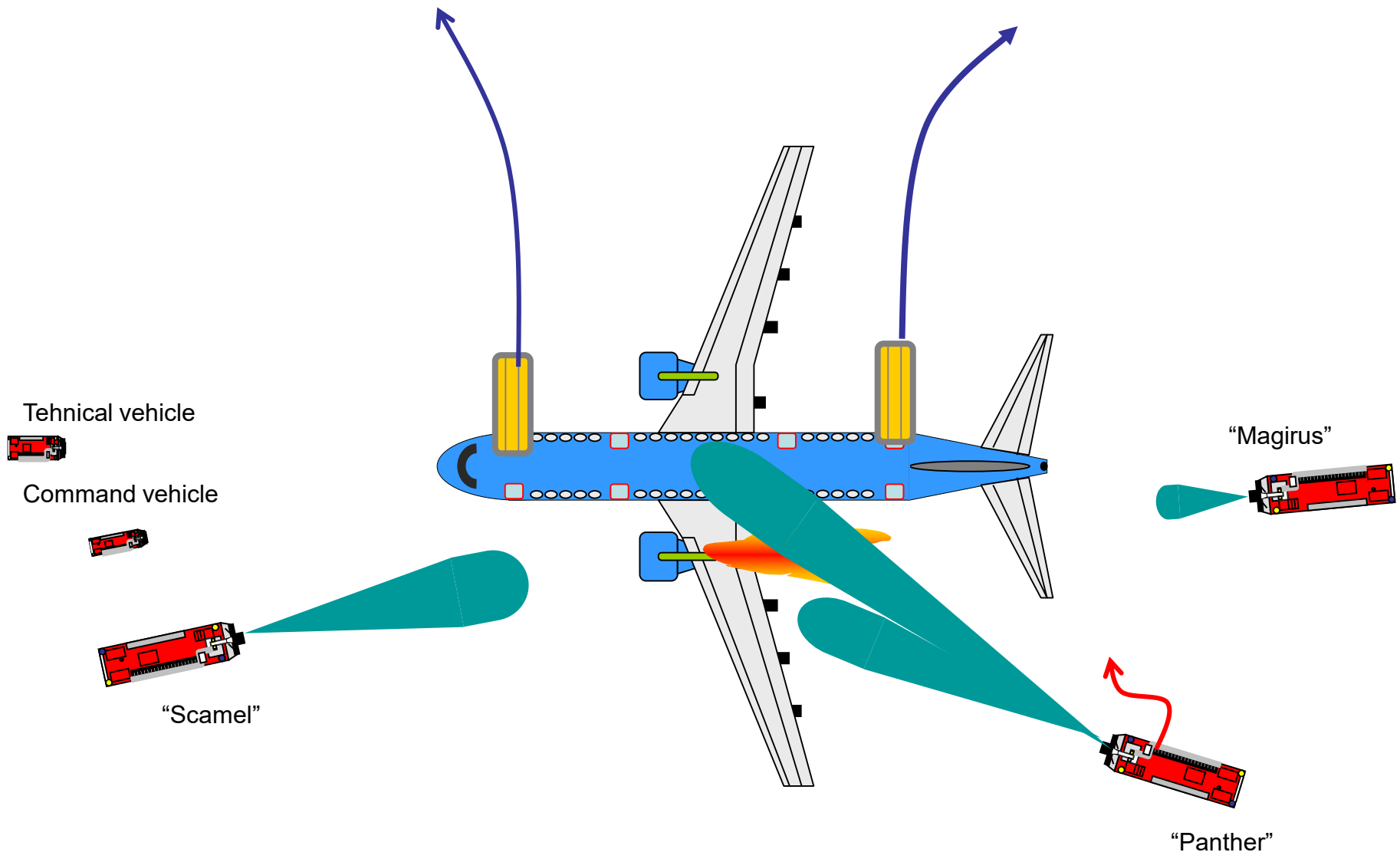


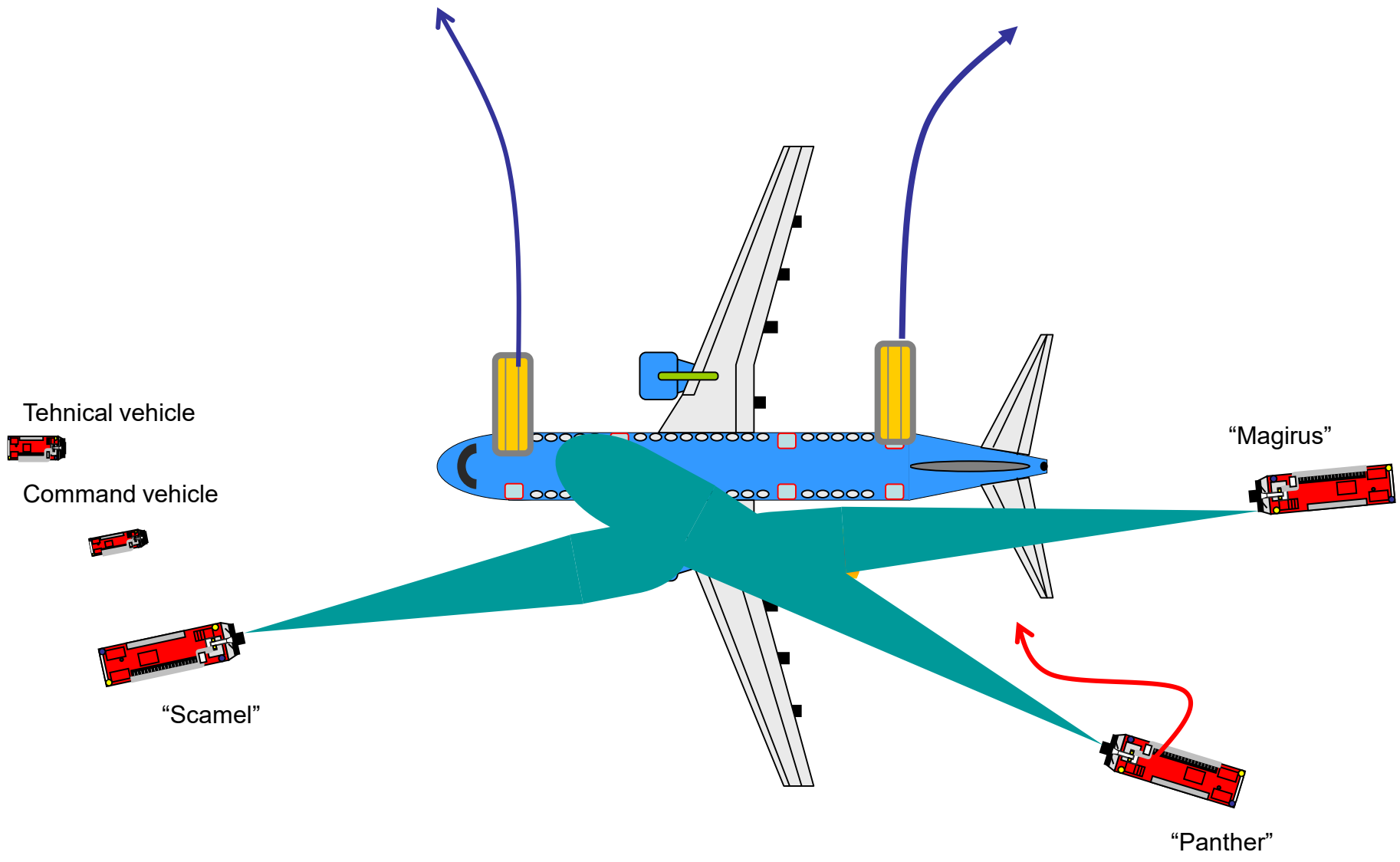
"Magirus"



"Scamel"







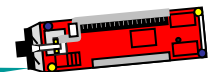
Tehnickal vehicle



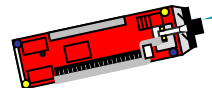
Command vehicle



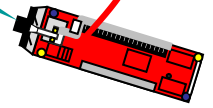
"Magirus"

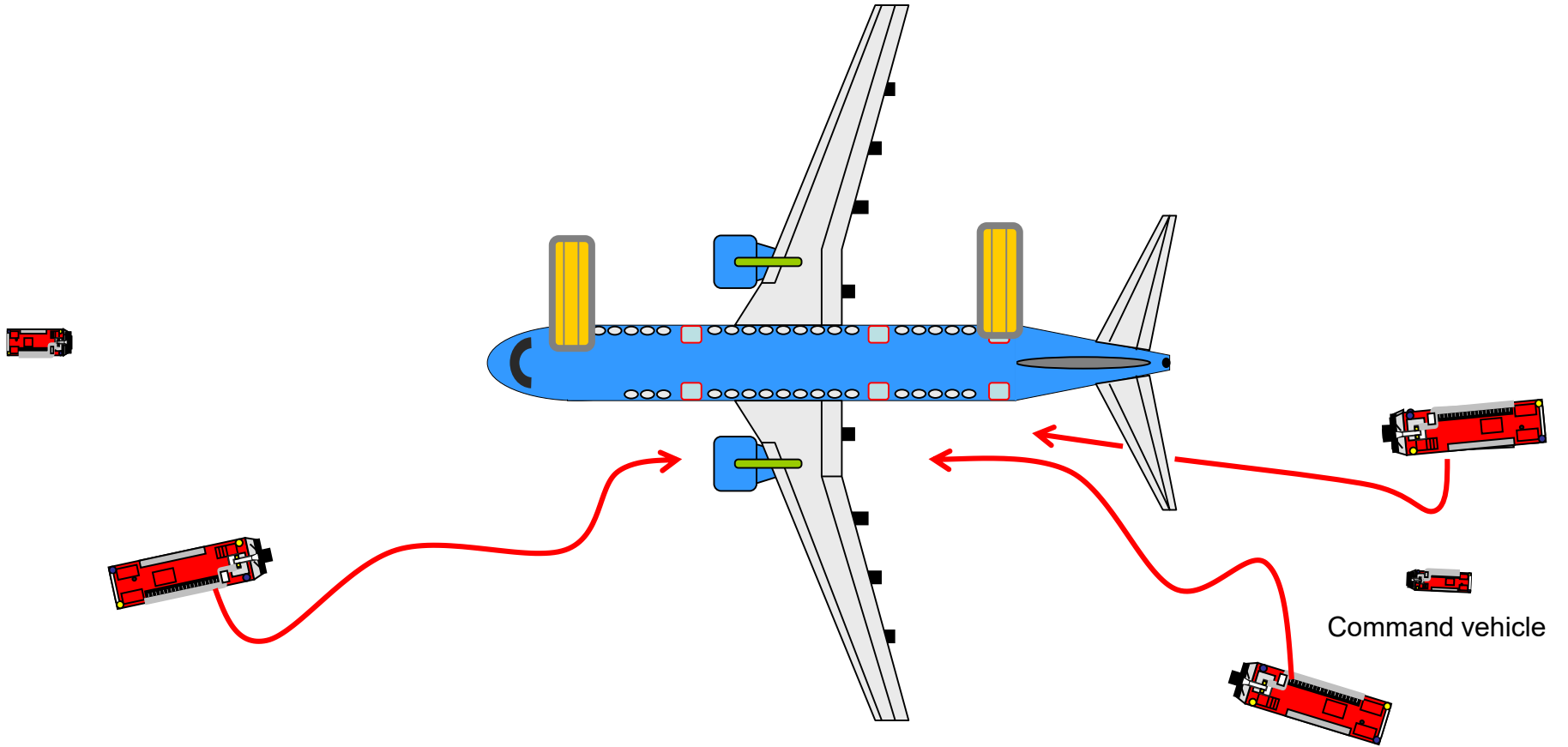


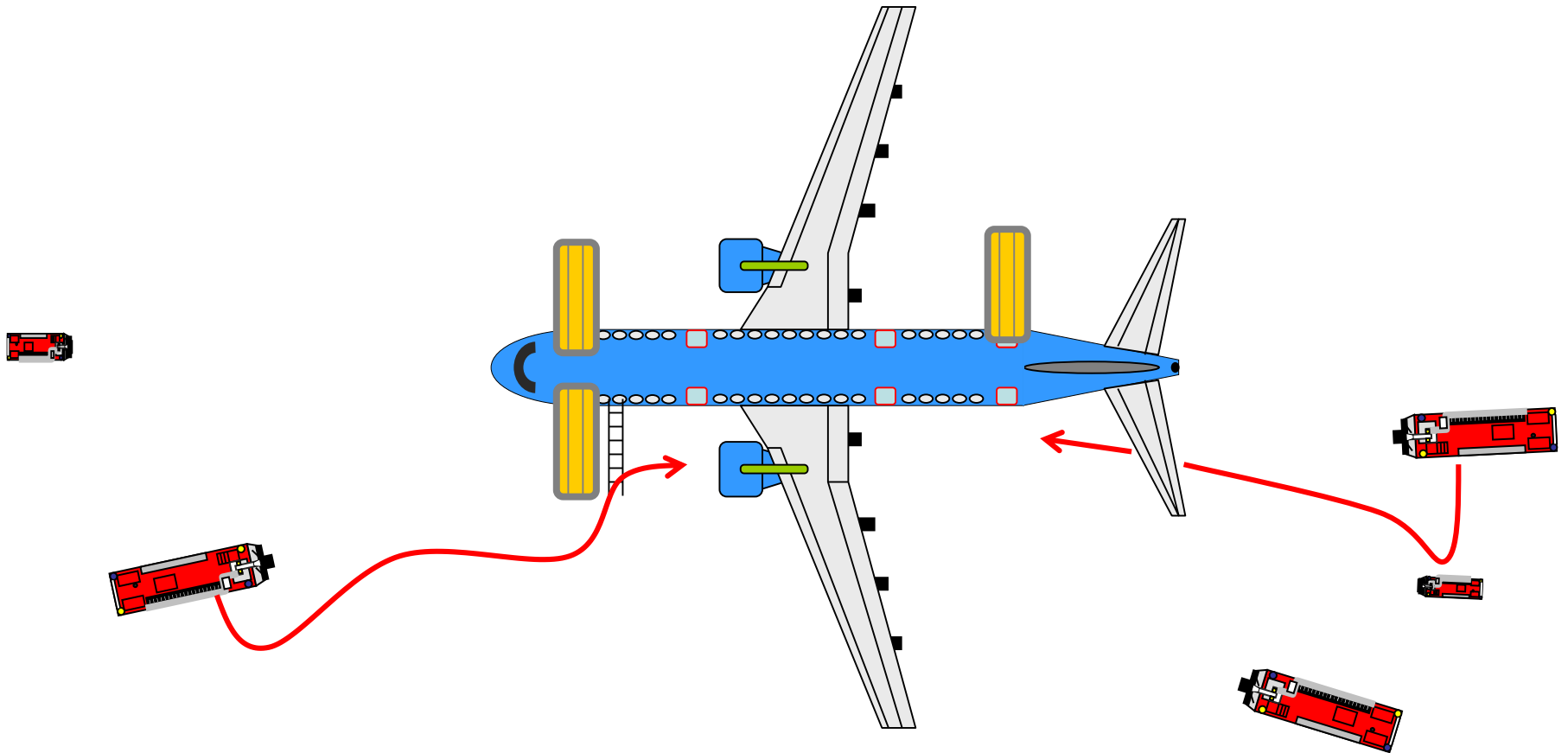
"Scamel"



"Panther"







Combi vehicle



LF

KLM.com



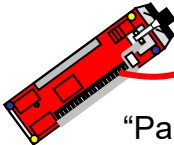


Combi vehicle

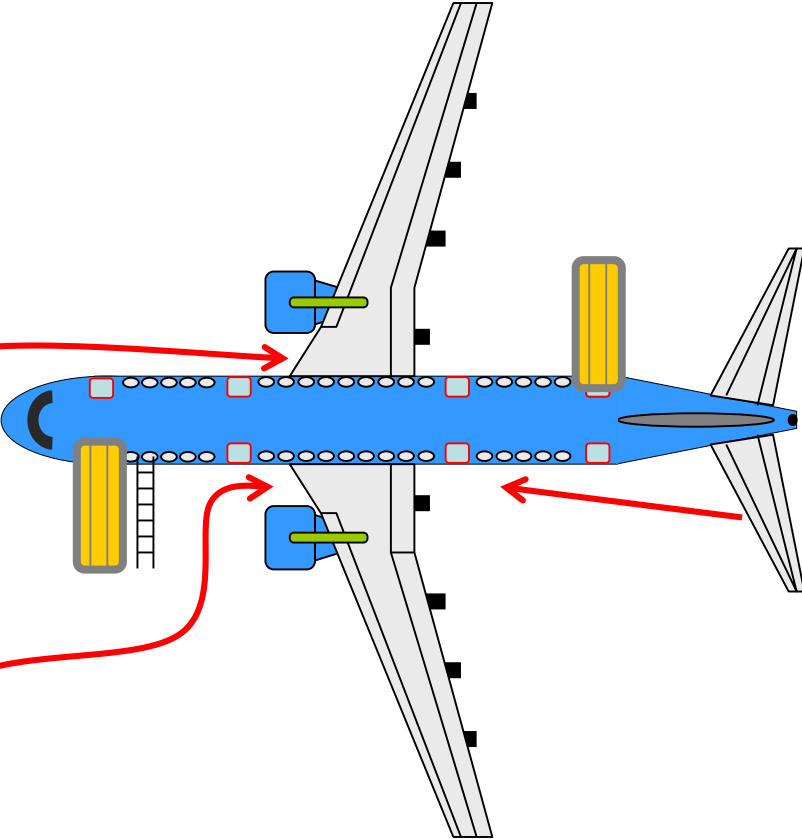
Tehchnical vehicle



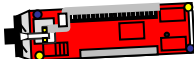
“Scamel”



“Panther”



“Magirus”





com

Dräger

SIEMENS





18.10.08 07:55



18.10.08 07:55

Conclusion

- The aircraft firefighting operation was performed in accordance with the ICAO standards and the stipulated firefighting tactics.
- In the firefighting action were engaged 10 professional firefighters, three firefighting vehicles, one commanding vehicle and one technical vehicle.
- In the rescue operation, in the capacity of the support staff of the firefighting brigade, were engaged eight airport workers who assisted during the evacuation process.
- During the evacuation process and fire fighting intervention nobody was hurt.
- The air traffic control and all airport services (firefighting and rescue service, police, medical service, airport workers, ground handling service) performed all their tasks very professionally, following the procedures stipulated in the Plan for emergency situations.
- At the end, about 600 liters of foam (STHAMEX 3% AFFF) and 16500 liters of water were used to extinguish the fire, cooled the engines and the landing gear.

Thank you!



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