

Zero fog delays

Your flight, on time, every time.

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Without a minimum level of visibility, **flights can not operate.**









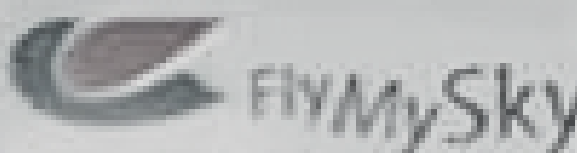

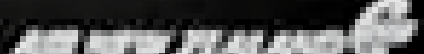



Fog is responsible for the largest number of fatalities per accident.



Image: Tenerife Disaster, two aircraft collided in fog killing 583 people.

For every flight disrupted each hour, another 4 flights are affected.

		NZ8031	New Plymouth	06:25	06:35	Delayed	49
			Wellington	06:30	06:30	Cancelled	
			Christchurch	06:35	06:35	Boarding	21
		NZ8611	Tauranga	06:35	06:35		46
		NZ5025	Napier	06:40	06:40		40
		NZ5063	Nelson	06:45	06:45		35
		FS69	Great Barrier Island	06:55	06:55		
		JQ253	Wellington	06:55	06:55	Check in	23
		NZ405	Wellington	07:00	07:00	Cancelled	

IMPACT OF FOG TO NEW ZEALAND AVIATION

90,000_{kgs}
Carbon
emissions

250,000
Passengers
disrupted

> \$97M_{pa}
Economic
impact

\$79M_{pa}
Direct cost
to Airlines

IMPACT OF FOG TO AVIATION **WORLDWIDE**

2.2M_T

Carbon
emissions

620M

Passengers
disrupted

\$70B_{pa}

Economic
impact

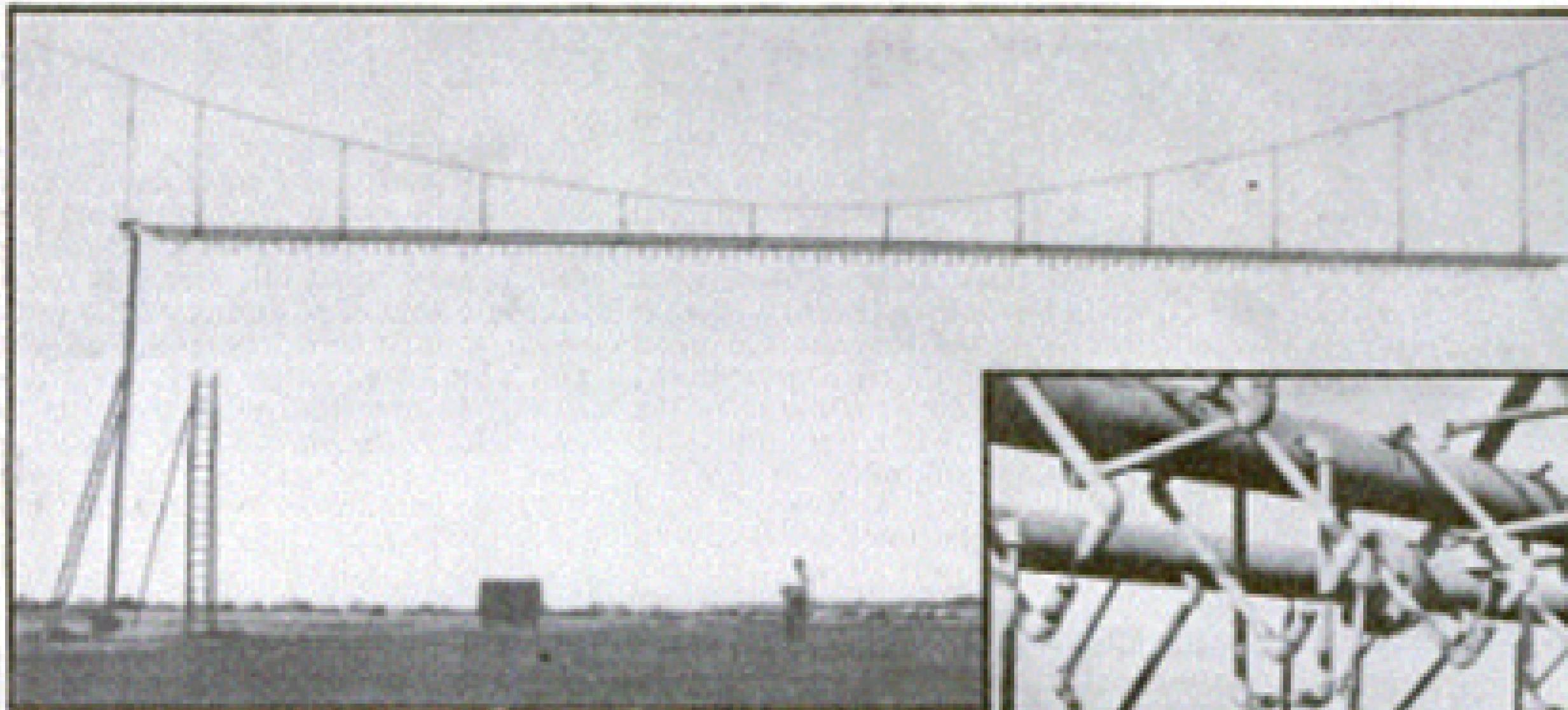
\$12B_{pa}

Direct cost
to Airlines

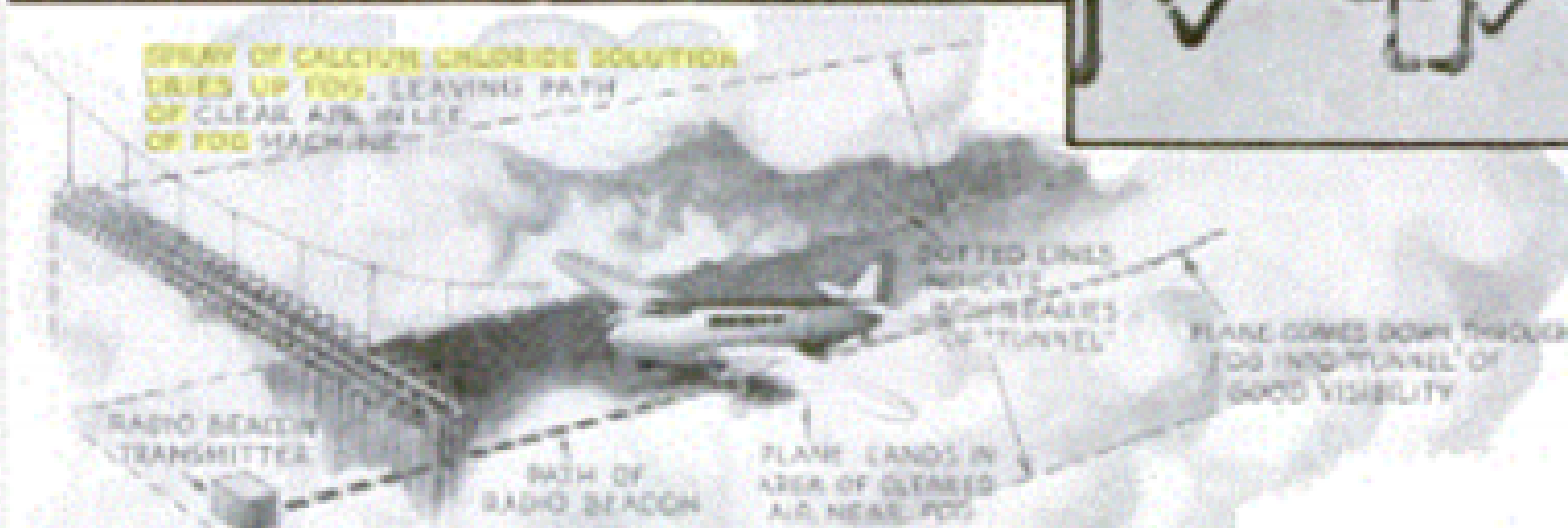
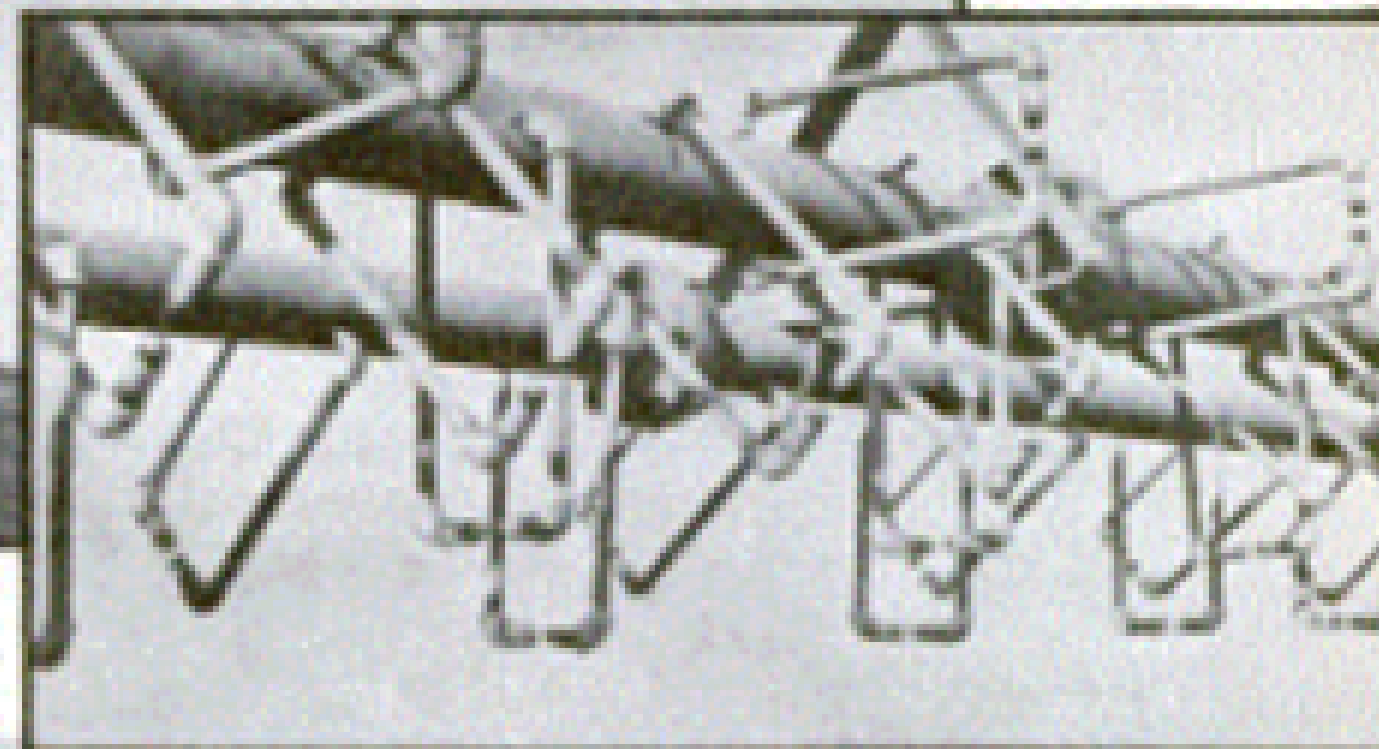




Fog Wiped Out by Chemical Spray



Left, general view of the fog dispeller. The horizontal pipe is 100 feet long and is thirty feet above the ground. Below, a close-up showing nozzles attached to pipe. A pump forces spray out through them.



Left, illustration showing how the new fog dispeller could be used by an airport to clear part of the field so an incoming plane could have good visibility for landing. A radio beam would guide plane until it was close to the ground and could glide into the cleared area.



Pyper Vision brings fog to the ground, empowering your flight to operate on time, every time.



AIRSPACE INTEGRATION TRIALS PROGRAM
Pyper Vision

**BVLOS
operations**
Controlled &
uncontrolled airspace

**Integration
of RPAS at
aerodromes**

**Scalability
of RPAS
certificates**



OUR VISION
Dependable
visibility behind
every operation.



PYPERVISION

Contact us today

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