

0. POTENTIAL FOR DISASTER - Story Preface

1. POTENTIAL FOR DISASTER

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This image depicts how the runway/taxiway at Tenerife Norte (TFN) airport appeared in March of 1977. The same air strip was used for airplanes to taxi and to take off. Image part of the crash investigation record. Ill-equipped to handle increasing traffic and jumbo jets, <u>Los Rodeos</u> (also called Tenerife Norte - TFN) had other potential problems <u>that spring day</u>:

• <u>Located</u> near mountains - like <u>Pico de Teide</u> - TFN's runway could be clear one minute and completely shrouded in clouds the next.

- The airport had no ground radar.
- Its air traffic controllers had thick Spanish accents.
- The center lights weren't working.
- The pilots who were flying into <u>Tenerife</u> were facing long delays, threatening their "legal" flying requirements.

Taken together, the events created a potential for disaster.

But there was something more.

Jacob van Zanten, the captain of KLM 4805, had spent the last months of his career working with pilots in a flight simulator. Pilots in <u>flight simulators</u> concentrate more on flying planes than communicating with ground control in airport towers.

The most deadly unintentional <u>crash</u> in the history of aviation occurred on the ground.

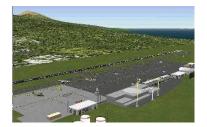
See Alignments to State and Common Core standards for this story online at:

http://www.awesomestories.com/asset/AcademicAlignment/POTENTIAL-FOR-DISASTER-Tenerife-Deadliest-Air-Acci dent

See Learning Tasks for this story online at:

http://www.awesomestories.com/asset/AcademicActivities/POTENTIAL-FOR-DISASTER-Tenerife-Deadliest-Air-Accid ent

Media Stream









Animation of Tenerife Airport in March of 1977 Image online, courtesy Tenerife Airport Disaster. View this asset at: http://www.awesomestories.com/asset/view/Animation-of-Tenerife-Airport-in-March-of-1977

North Tenerife Airport Located Near Mountain Image online, courtesy Tenerife Airport Disaster.

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<u>View of Tenerife's Mount Teide From the North</u> Photo by Jens Steckert. License - Creative Commons Attribution ShareAlike 2.5. View this asset at: <u>http://www.awesomestories.com/asset/view/View-of-Tenerife-s-Mount-Teide-From-the-North-</u>

<u>Flight Simulator</u> Image, courtesy NASA. View this asset at: <u>http://www.awesomestories.com/asset/view/Flight-Simulator</u>



Tenerife Crash Scene Image from crash investigation report. View this asset at: <u>http://www.awesomestories.com/asset/view/Tenerife-Crash-Scene</u>



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