

**04 September 2018**

**ALE DEMONSTRATES HEAVY TRANSPORT CAPABILITIES WITH CONAE SATELLITE DELIVERY**



ALE continues to demonstrate its excellent standards and capabilities by performing the lifting and transportation of an Argentine satellite, SAOCOM 1A, for CONAE to be launched in a Space-X rocket.

ALE was contracted to transport the satellite, weighing 12t, from its fabrication yard to Bariloche airport, where it was loaded into an Antonov plane, ready to be launched at Vandenberg air field. Using their long-standing experience, ALE worked with the most stringent risk management and quality control requirements throughout.

The transport operations required a complete shut-down of the 10km route, as well as civilian, Police and military escorts at 4am. The heavy transport solution involved a convoy of over 12 vehicles, requiring four semi-trailers and two trailers to carry this challenging load. The cargo was delivered with minimum accelerations, controlled temperature and moisture conditions.

Cooperation with the airplane's crew was critical to deliver on schedule and the Volga-Dneryp Antonov airplane was waiting on arrival.

The lifting operations were planned carefully in accordance with the client's standards and ALE lifted the satellite onto the skidding system, where it was skidded into the airplane.

"Despite weighing just 12t, which is relatively low for the typical loads we move, there was a huge amount of pressure, both politically and economically, as the satellite is so high-profile," explained Raul Anriquez, ALE's Project Manager.

"The client was fully satisfied with our logistics solution and acknowledged our professionalism throughout the project. This is a huge milestone in the country's space programme development and we are proud that ALE has successfully been part of it."

Once the rocket is launched, ALE will then perform the heavy transport of ancillary equipment within the USA and perform the maritime transportation of remaining components back to Chile and overland to Argentina. It is expected to be launched in the Falcon X rocket, belonging to Elon Musk's SpaceX company, by October 2018.

**ENDS**

*Issued by the ALE Press Office. For more information, please contact Sarah Maia, Group PR Officer, 01782 977 146 or [s.maia@ale-heavylift.com](mailto:s.maia@ale-heavylift.com).*

**Image 1: The ALE team transporting the SpaceX satellite.**

**Image 2: ALE loading the satellite into the plane.**

**NOTES FOR EDITORS:**

**ABOUT ALE**

ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE provides strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE has a presence in 40 countries worldwide. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2015, Environmental standard ISO 14001:2015, and Health and Safety Standard OHSAS 18001:2007. Further information can be found on the ALE website at [www.ale-heavylift.com](http://www.ale-heavylift.com).

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**ALE DEMUESTRA SU CAPACIDAD DE TRANSPORTE PESADO REALIZANDO EL  
TRANSPORTE DEL SATELITE DE LA CONAE**



ALE continúa demostrando su excelente nivel y capacidad al ejecutar el izado y transporte del satélite argentino, SAOCOM 1A, para la CONAE, el que será lanzado en un cohete Space-X.

ALE fue contratado para transportar el satélite, de 12t de peso, desde su lugar de fabricación hasta el aeropuerto de Bariloche, donde fue cargado en el avión Antonov, listo para su lanzamiento en la base aérea Vanderberg. Haciendo uso de su vasta experiencia, ALE trabajó con los más rigurosos requisitos de gerenciamiento de riesgos y control de calidad durante todo el proyecto.

Las operaciones de transporte requirieron el cierre total de 10km de ruta, así como escoltas civiles, policiales y militares a las 4 am. La solución de transporte pesado involucró una caravana de más de 12 vehículos, se necesitaron cuatro semi-trailers y dos trailers para realizar este desafío de carga. La pieza fue entregada con aceleraciones mínimas, condiciones de temperatura y humedad controladas.

La cooperación con la tripulación del avión fue crítica para la entrega según cronograma y el avión Volga-Dnerp Antonov estaba esperando al llegar al aeropuerto.

Las operaciones de izado fueron cuidadosamente planeadas de acuerdo con el estándar del cliente y ALE izó el satélite sobre el sistema de deslizamiento, donde fue deslizado hasta dentro del avión.

“Aunque solo pesó 12t, lo que es relativamente poco para las cargas típicas que movemos, hubo mucha presión, tanto política como económica, ya que el satélite es de muy alto perfil,” explicó Raúl Anriquez, Project Manager de ALE.

“El cliente quedó completamente satisfecho con nuestra solución logística y reconoció nuestro profesionalismo durante todo el proyecto. Esto es un hito muy importante en el desarrollo del programa espacial del país y estamos orgullosos de que ALE haya sido una parte exitosa de esto.”

Una vez que se lance el cohete, ALE realizará el transporte pesado del equipo auxiliar dentro de USA y ejecutará el transporte marítimo de los componentes remanentes hacia Chile y por tierra hacia Argentina. Se espera que sea lanzado en el cohete Falcon X, perteneciente a la empresa de Elon Musk, SpaceX, en octubre 2018.

**ENDS**

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