

THE ONE-STOP SUPPLIER FOR AVIATION SAFETY AND COMPLIANCE



Helideck
Monitoring Systems



HMS Verification
and Calibration



Helideck Audits
& Friction Testing



Helicopter Refuelling
Systems Supply



Helideck Visual Aids and
Perimeter Net Supply



Refuelling System Inspection,
Certification and Maintenance



Crew Competency
Training



Aviation
Consultancy



JET A-1 Tanks

JET A-1

JET A-1 Fuel
Supply

GLOBAL AVIATION SERVICES BACKED BY FOUR DECADES OF EXCELLENCE

SES Energy brings over 40 years of global experience, specialising in delivering comprehensive, end-to-end solutions for the offshore aviation, marine and renewables sectors.

From innovative helicopter refuelling systems to advanced helideck monitoring services and helideck compliance, our solutions are designed to enhance safety, streamline operations and ensure compliance to global and local regulations.

Our global team with multidisciplinary engineers - located across Europe, Americas, Middle East, Southeast Asia and Africa - enable us to deliver expert support services to your global operations.

ENHANCE HELIDECK MONITORING CAPABILITIES WITH ADVANCED WEATHER MEASUREMENT TECHNOLOGY

Industry-leading Vaisala sensors enhance our Helideck Monitoring System (HMS) and Scalable Aviation Weather Observation System (SAWOS) service. Providing accurate real-time data on helideck surfaces, airspace and weather conditions, we can maximise the opportunity for flights to be completed safely and seamlessly.

SENSOR SUPPLY

Thanks to our global partnership with Vaisala, our HMS and SAWOS systems are powered by intuitive sensors that provide precise meteorological data and environmental monitoring.

SAWOS

VAISALA

Service
Partner

INSPECTIONS, VERIFICATION AND CALIBRATION

SAWOS and HMS inspections are essential to ensure the accuracy of data and compliance for offshore helicopter operations, wind speed and direction monitoring, temperature and environmental factors.

Our technicians have undergone specialist training to install, inspect and recalibrate these critical systems. We offer system calibration, verification and maintenance either as standalone tasks or part of multi-scope offshore projects.

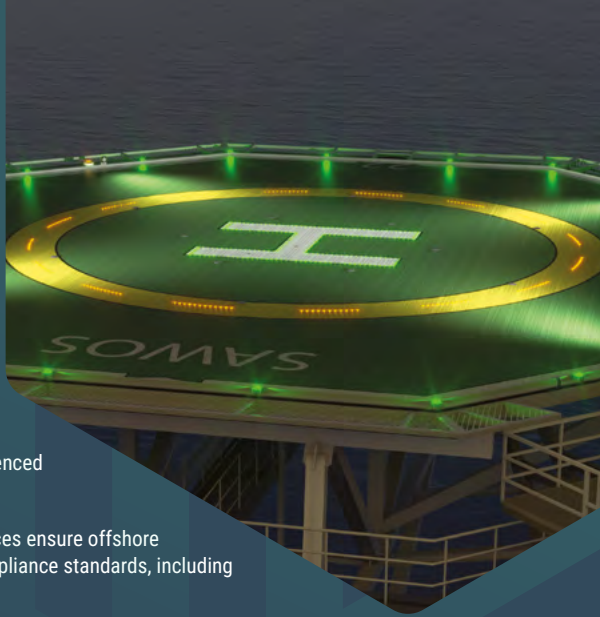
These solutions can be tailored around client needs to elevate safety and compliance whilst avoiding disruption to offshore operations.



HELIDECK AUDITS AND FRICTION TESTING

Ensure safe and efficient helicopter operations with a comprehensive evaluation by our experienced helideck specialists.

Our helideck auditing and friction testing services ensure offshore landing areas meet the highest safety and compliance standards, including UK CAA CAP437.



The core components of our helideck inspections include:

Documentation and Records

Review of all relevant documentation, including helideck operation manuals, maintenance logs and previous inspection reports to confirm compliance with inspection intervals.

Markings and Lighting

Inspection of all visual aids, including surface markings and lighting systems to ensure optimal visibility and adherence to aviation standards.

Firefighting Systems

Verification of the availability, accessibility and operational readiness of all fire suppression equipment.

Safety Provisions

Fit-for-purpose assessment of life-saving appliances, perimeter safety nets and other protective measures to confirm.

Perimeter Net Inspection and Testing

Assessment of the condition, tension and security of perimeter safety nets to ensure they remain effective in preventing personnel falls. Inspection includes checks for damage, degradation due to environmental exposure and compliance with CAP 437 requirements.

Surface Integrity

Examination of the helideck surface for signs of damage, verification of adequate friction levels to prevent skidding, and assessment of effective water drainage systems.

Obstacle Clearance

Evaluation of helideck surroundings to ensure approach and departure paths are free from obstructions or potential hazards.

Crew Competency and Training

Assessment of the knowledge, skills and competency of personnel responsible for helideck operations.

HELICOPTER REFUELLING SYSTEMS

As a trusted leader in the design, manufacture and support of helicopter refuelling systems, we are dedicated to delivering tailored solutions that meet the demanding needs of sectors including oil & gas, marine, aviation and renewables.

Our commitment to safety, performance and reliability is reflected in every project our highly skilled technicians undertake. Our services include:

Inspection and Maintenance

- Scheduled maintenance and inspections in line with international best practice
- Expert consultation and project support
- Equipment recertification and calibration services

Upgrades and Refurbishment

- Refurbishment and restoration of existing refuelling equipment
- Upgrades and modification of existing refuelling systems

Supply

- Helifuel system rentals
- Supply of custom gasoline and diesel refuelling arrangements
- Design and manufacture of standard and bespoke helicopter refuelling systems



Contact us now for more details:

Email: aviation.services@sesenergy.com

Tel: +44 1224 872707 | Tel: +47 53 74 77 00



Scan to find out
more