

ENGINE LOGISTICS



For the safe, secure movement of engines and other highly sensitive assets, managing risks and delivering on agreed standards

Financially and strategically valuable engines and other highly sensitive aerospace and aviation assets must be transported, monitored, and handled with specialist care, particularly during loading and unloading. Responsibilities are shared across several teams and operations must be meticulously orchestrated, coordinated, and monitored every step of the way.

TYPICAL BUSINESS CHALLENGES

- Ensuring timely delivery
- Maintaining environmental shipping conditions
- Managing risks
- Achieving extra visibility throughout the whole process
- Meeting all safety & regulatory requirements



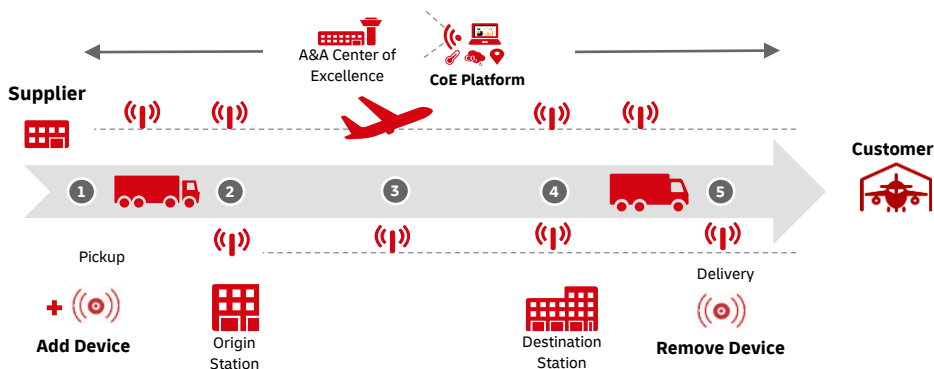
DHL SOLUTION

DHL goes the extra mile to keep your engine and oversized assets safe. Whether transportation is required for new aircraft assembly, MRO services, or equipment lease, this service meets exacting customer expectations. It provides extra end-to-end protection through the combination of secure equipment, technology, and practices including 24/7 real-time monitoring, visibility, and communication. Nothing is left to chance.

SOLVING YOUR BUSINESS CHALLENGES

- ✓ **Ensuring time-definite delivery** – selection of optimum airfreight route with preferred carriers; broadest range of route and carrier options; routine, critical, or AOG service levels; next flight out or within KPIs; turnkey ground, air, and customs brokerage services
- ✓ **Maintaining environmental shipping conditions** – Optional IoT device available to provide shock monitoring and real-time positioning via 24/7 geo-location, in addition to temperature and humidity control during handling and end-to-end shipment
- ✓ **Managing risks** – Subject-matter expertise, understanding, and experience; robust processes from pickup to proof of delivery with checklist-proofing at every control stage; real-time visibility 24/7; constant surveillance (including tarmac supervision on specific flights)¹, assessment, mitigation measures, and fast response to emerging threats
- ✓ **Achieving extra visibility throughout whole process** – DHL specialist service; actively monitoring for end-to-end visibility; milestone monitoring; minimizing touchpoints; planning to the finest level of detail; global footprint for all engine movement logistics; tracking purchase orders and materials changes
- ✓ **Meeting all safety & regulatory requirements** – HSE compliant; business ethics compliant; regulatory licenses; qualified ground and air carriers for safe handling procedures including hazardous material (HAZMAT) handling; clear accountability; complies with insurance requirements. Finally, our standard operating procedures are derived from our database of engine manufacturers' handling instructions.

SAFE AND SECURE MOVEMENT OF ENGINES AND OTHER HIGHLY SENSITIVE ASSETS



ENGINE LOGISTICS



KEY BENEFITS FOR YOUR BUSINESS



RESPONSIVENESS

Quick response supports customer commitments



CONSISTENCY

On-time performance; availability of airfreight space



FLEXIBILITY

Multiple routing, carrier, and service level options



EXPERTISE

Correct handling and routing to eliminate risk of damage

1) Subject to availability