



# **AIRCRAFT** **ASSET MANAGEMENT**

**SGS**

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# 01 INTRODUCTION TO SGS

## SGS IN THE WORLD

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognized as the global benchmark for quality and integrity. With more than 97,000 employees, SGS operates a network over 2,600 offices and laboratories around the world.

## GLOBAL SERVICES TAILORED TO INDIVIDUAL INDUSTRIES

**INSPECTION:** a comprehensive range of world-leading inspection and verification services, such as checking the condition and weight of traded goods at transshipment, help you to control quantity and quality, and meet all relevant regulatory requirements across different regions and markets.

**VERIFICATION:** ensure that products and services comply with global standards and local regulations. Combining global coverage with local knowledge, unrivalled experience and expertise in virtually every industry, SGS covers the entire supply chain from raw materials to final consumption.

**TESTING:** global network of testing facilities, staffed by recognized and experienced personnel, enable you to reduce risks, shorten time to market and test the quality, safety and performance of your products against relevant health, safety and regulatory standards.

**CERTIFICATION:** demonstrate that your products, processes, systems or services are compliant with either national or international standards and regulations or customer defined standards, through certification.

## SGS VALUES

PASSION

INTEGRITY

ENTREPRENEURSHIP

INNOVATIVE SPIRIT







## 02 SGS TRANSPORTATION

SGS is an independent advisor for services in transition within the rail, automotive and marine sectors. With our clients full trust, SGS is helping the transportation industry to ensure safety, quality, reliability and compliance.

We offer you a broad range of specialized transportation services to help your operations run safely and efficiently. We create confidence in the delivery of services, and help you understand and manage the risks of complex value chains.

Enhance the reputation of your business by delivering your products and services on time and within budget.

Gain fast, accurate testing for the aerospace supply chain, including component testing to ensure compliance with both international and OEM requirements.

Show your company's compliance with national and international regulations, industry specifications and client requirements.

**SGS DRIVING A SAFER,  
CLEANER AND MORE  
EFFICIENT INDUSTRY**





## 03 SGS AIRCRAFT ASSET MANAGEMENT

In order to facilitate aircraft transitions for operators and lessors, SGS now offers Aircraft Asset Management, a new product within our Aerospace division.

We provide technical consulting and advisory services in the areas of aircraft and engine asset management and safety regulations. Our services cover the entire lifecycle of an aviation asset, as well as the surrounding regulations.

Our clients are lessors and financiers, airlines, corporate aircraft owners, aircraft manufacturers and MROs, as well as aviation authorities and regulators.

**SGS AIRCRAFT ASSET MANAGEMENT INCLUDES A RANGE OF PRODUCTS BASICALLY GROUPED INTO 7 CATEGORIES:**

- Technical Assistance Records Audits
- Aircraft End of Lease Technical Assistance
- Performance Assistance Services
- Certificates Review Services
- Leasing Contract Review & Interpretation
- Aircraft Asset Appraisal & Value Optimization
- Airworthiness Services

**SGS IS THE BEST PARTNER TO SUPPORT YOUR AIRCRAFT MANAGEMENT PROCESS WITH:**

**HIGHLY EXPERIENCED EXPERT TEAMS**

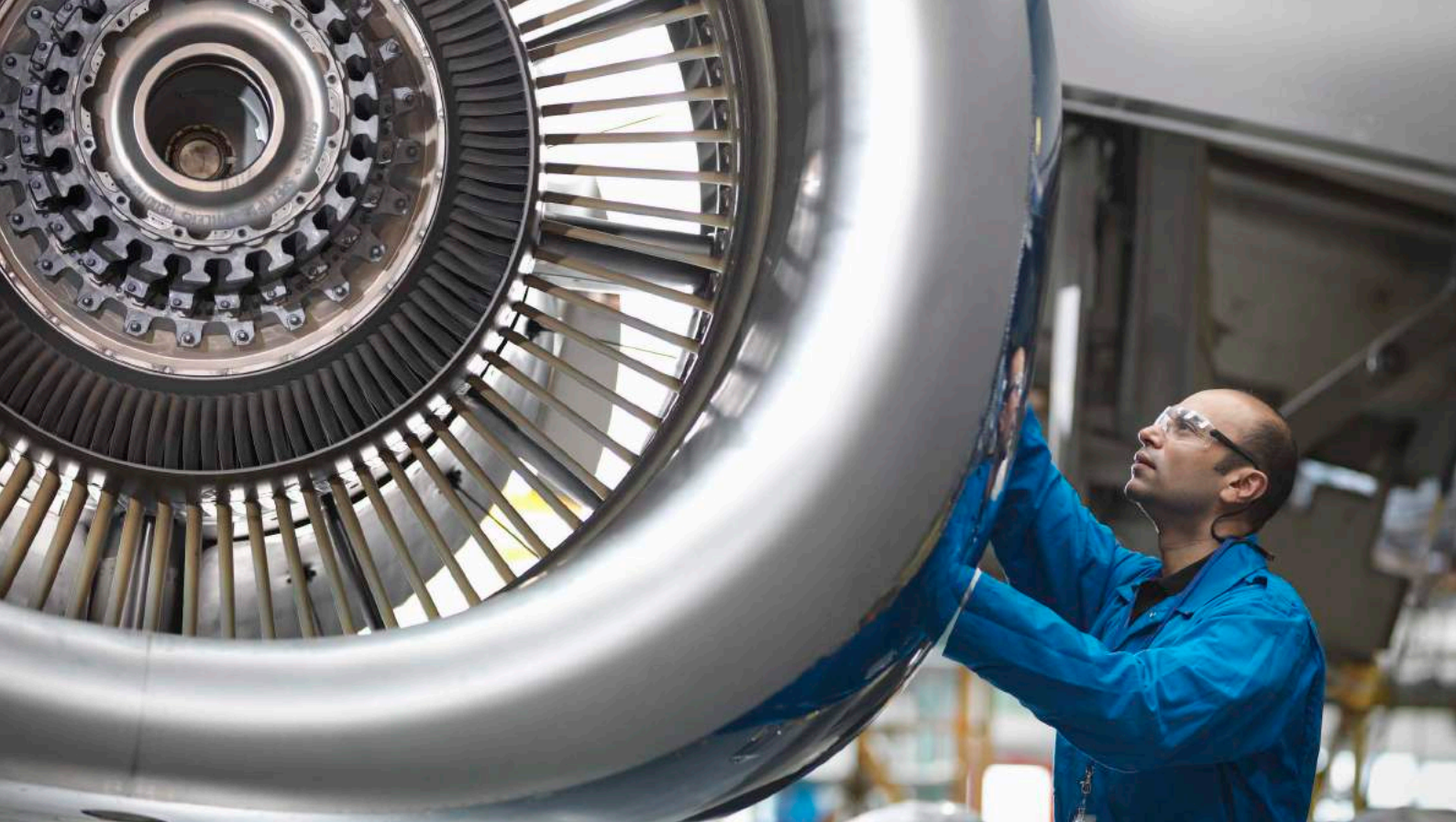
**A WORLDWIDE NETWORK**

**DEDICATED SUPPORT AND FULL, COMPREHENSIVE PROGRAMME MANAGEMENT**

**A NEW AERONAUTICAL GLOBAL SERVICE FROM SGS**







## 04 SCOPE OF SERVICES

### TECHNICAL ASSISTANCE RECORDS AUDITS

#### SGS RECORDS AUDIT SERVICES

The records review is the most time-consuming element of the redelivery process. SGS will carry out the audit separately from the aircraft inspections and will collect all aircraft records to ensure they comply with the terms and conditions set by the lease agreement and the regulatory authorities:

- Aircraft and components traceability review. LLPs back to birth
- Status of airframe, engines, APU, landing gear and components
- Status of applicable SB's & AD's
- Status of maintenance programme
- Status of certificates
- Status of manuals
- Status of major repairs, modifications and alterations
- Statement – stamped & signed
- Novations and mid-term lessor audits

### AIRCRAFT END OF LEASE TECHNICAL ASSISTANCE

SGS Experts will examine the physical condition of the aircraft including the main airframe units and its components, systems and cabin interiors:

- Physical inspection of the aircraft so as to evaluate the physical condition of the airframe structure, components, systems and cabin interiors
- Visual inspection of principal airframe units, systems, components and cabins
- Visual inspections of certified modifications & repairs
- Engine & APU borescope physical inspection
- Technical Representative Support

Other SGS services:

- NDT services inspections with H24x7 response
- Laser tracker measurements for structural damages
- Repair map assessment
- Engine data review and engine LLPs audits
- Technical audits & safety
- On site factory inspection. FAL





## PERFORMANCE ASSISTANCE SERVICES

### AIRCRAFT PERFORMANCE ASSESSMENTS TESTING

SGS experts will demonstrate that the operation of the aircraft and all its systems are satisfactory and compliant with the terms and conditions of the lease to the operator and the lessor.

### SYSTEMS FUNCTIONAL & OPERATIONAL TEST.

Flight Test :

- Production Aircraft Test Manual (PATM)
- Customer Acceptance Manual (CAM)
- In Service Aircraft Test Manual (ISATM)

Engine power assurance run & condition trend monitoring.

## CERTIFICATES REVIEW SERVICES

- SGS ensures the compliance with local regulatory authority requirements and where cross-border transfers are concerned, compliance with the next lessee's regulatory requirements
- EASA Form 1 or FAA Form 8130-3 certification on all fitted components
- Supplemental Type Certificate (STCs)
- ARC options
- Current Airworthiness Certificate and Export Certificate
- Noise Limitation Certificate

Our experts are familiar with the relevant topics, structures, manuals and procedures. We can help you to obtain all types of certificates, such as; Part 145 (maintenance approval), military standards (EMAR/PERAM), Air Operator's Certificates (AOC) and Approved Training Operation certification.

### SGS ADDED VALUE:

**SGS LEAN DIVISION: WITH MORE THAN 700 SUCCESSFUL PROJECTS PERFORMED, CAN IMPROVE YOUR DELIVERY PROCESS AND METHODOLOGY, SAVING YOUR TIME AND MONEY.**





## LEASING CONTRACT REVIEW & INTERPRETATION

SGS offers consultancy and support for contract negotiations, when drafting the contract we assist you in the negotiations and advise on the conditions.

Our professional aviation team works to provide the latest insights, advising on asset values and trends, industry cycles and how to best maintain the value of your investment:

- Aircraft leasing contract review and compliance planning
- Delivery/redelivery process management
- Acceleration of delivery of process
- Negotiation on technical evaluation disputes between lessor and lessee
- Economical conditions contract interpretation
- Negotiations on penalties and reconciliations
- Maintenance reserves review and final agreement development
- Legal and litigation support for disputes
- MRO contract management
- MRO support

## AIR-WORTHINESS SERVICES

- Focal Point AMOS/TRAX/ FLYDOCS lay-out
- Engineering Support
- Technical Records Support

## AIRCRAFT ASSET APPRAISAL & VALUE OPTIMIZATION

### VALUATIONS & APPRAISALS

Using our knowledge, databases, owner calculations and maintenance cost experience, our experts are able to determine the adjusted market value of your assets.

Valuation is often a debated and complicated subject. We are able to deliver independent valuations for clients by coordinating effective:

- Engine value appraisal
- Aircraft and engine market value
- Air-worthiness evaluation
- Purchase/lease contract support
- Aircraft end of life management
- Aircraft part out management
- Fleet management services, including network development optimization
- Aircraft value appraisal

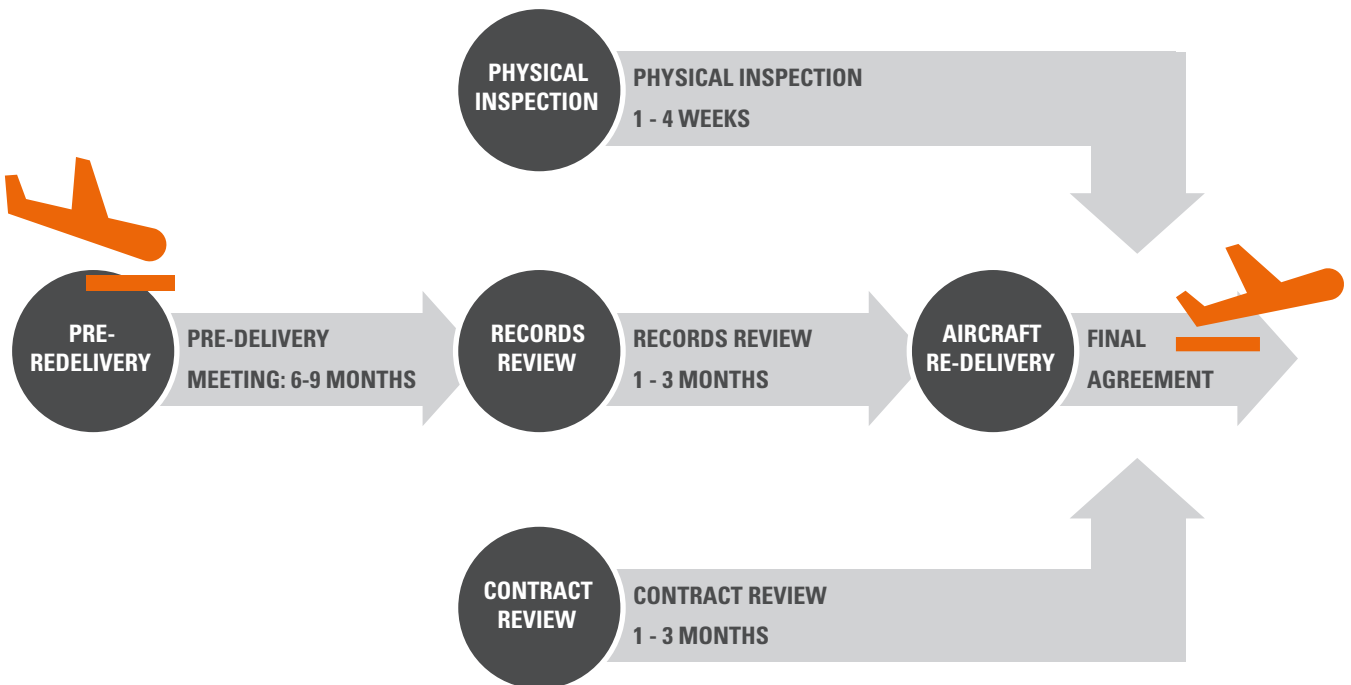
**SGS THINKING GLOBALLY, ACTING LOCALLY**







# 05 PRE-REDELIVERY SCHEDULE EVENTS





# 06 CONTACTS

## FOR MORE INFORMATION, PLEASE CONTACT

SGS  
C/Trespaderne 29, Edificio Barajas 1  
28042 Madrid. Spain  
T: +34 91 313 80 00

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Valentin Pérez Ocón  
Manager Development Aerospace  
MRO  
Mobile: +34 619 489 315  
[valentin.perezocon@sgs.com](mailto:valentin.perezocon@sgs.com)

Jorge Sánchez Mogollón  
Technical Director  
Aircraft Asset Management  
Mobile: +34 608 59 70 32  
[jorge.sanchezmogollon@sgs.com](mailto:jorge.sanchezmogollon@sgs.com)





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**WHEN YOU NEED TO BE SURE**

