



## EASA Safety Information Bulletin

**SIB No.:** 2013-18  
**Issued:** 16 October 2013

- Subject:** **Laundering of Scrapped Jet Engine Parts**
- Ref. Publications:** Federal Aviation Administration (FAA) Safety Alert for Operators (SAFO) 11005 dated 11 July 2011.
- Applicability:** Engine parts, as identified in FAA SAFO11005 (attached as page 2 of this SIB).
- Description:** The FAA issued the referenced safety information document as information to owners, operators and maintenance technicians who purchased jet engine parts from a certain company, identified in FAA SAFO11005 (attached as page 2 of this SIB).
- After reviewing the available information and recognising that the FAA may not be the 'State of Design' authority for all the engine type designs for which the affected parts were intended, EASA concurs with the SAIB and the recommendations contained therein.
- This SIB is published to ensure that all affected persons who may have purchased the affected parts, and/or installed these on aircraft, registered in EASA Member States, are aware of these recommendations.
- At this time, the safety concern described in this SIB is not considered to be an unsafe condition that would warrant Airworthiness Directive (AD) action under EU [748/2012](#), Part 21.A.3B.
- Recommendation(s):** See FAA SAFO11005 (attached as page 2 of this SIB).
- Contact(s):** For further information contact the Safety Information Section, Executive Directorate, EASA. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).

This is information only. Recommendations are not mandatory.



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# SAFO

Safety Alert for Operators

SAFO 11005  
DATE: 7/1/11

Flight Standards Service  
Washington, DC

**[http://www.faa.gov/other\\_visit/aviation\\_industry/airline\\_operators/airline\\_safety/safo](http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/safo)**

*A SAFO contains important safety information and may include recommended action. SAFO content should be especially valuable to air carriers in meeting their statutory duty to provide service with the highest possible degree of safety in the public interest. Besides the specific action recommended in a SAFO, an alternative action may be as effective in addressing the safety issue named in the SAFO.*

**Subject:** Laundering of Scrapped Jet Engine Parts

**Purpose:** This SAFO alerts operators, owners and maintenance technicians that scrapped jet engine blades and vanes have been reintroduced into the aerospace system.

**Background:** From April 2005 through August 2009, Shelby Enterprises (of Suffern, New York) via parts brokers, Tara Aviation and Tara Technology (of Bailiwick of Guernsey, a British Crown Dependency in the English Channel and Ridgefield, N.J) reintroduced scrapped jet engine blades and vanes into the aerospace industry. Shelby Enterprises purchased used jet engine parts called “blades” and “vanes” from scrap metal dealers. Once purchased, the parts were grit blasted and blended at a metal shop – a violation of Federal Aviation Administration (FAA) regulations – to conceal that the parts had been scrapped. False paperwork was then generated to conceal to FAA repair stations and the purchasers of the aircraft parts that the parts were scrapped and had previously been rejected as non-repairable by other FAA repair stations.

**Discussion:** Scrapped jet engine blades and vanes may have been subjected to severe stress or heat (as in a major engine failure, fire or accident) and could pose a hazard to flight from an in-flight engine shutdown or contained/uncontained engine failures.

**Recommended Action:** Owners, operators, and maintenance technicians who purchased jet engine blades or vanes that were sourced through Shelby Enterprises, including Tara Aviation and Tara Technologies, should remove them from service.

**Contact:** Questions or comments regarding this SAFO should be directed to Thomas Mancuso or Fred Grill, Teterboro Flight Standards District Office, FAA, by telephone at (201) 556-6600 or by fax at (201) 556-6623.