



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

SAFO

Safety Alert for Operators

SAFO 19004
DATE: 11/5/19

Flight Standards Service
Washington, DC

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: Improper Overhaul Performed on Aircraft Accessories/Articles by Tandem Aviation, Inc., Hialeah, Florida.

Purpose: This SAFO alerts aircraft owners, operators, air agencies, and maintenance technicians of improper overhaul performed by Tandem Aviation, Inc., which previously held Federal Aviation Administration (FAA) Repair Station Certificate No. T91R901N.

Background: On March 7, 2019, the Federal Aviation Administration (FAA) revoked Tandem Aviation, Inc.'s FAA issued Title 14 Code of Federal Regulation (14 CFR) Part 145 Air Agency certificate. The revocation was a result of investigations that revealed that Tandem Aviation, Inc. failed to replace parts as required by the Original Equipment Manufacturer Overhaul Maintenance Manuals (OHM). In addition, Tandem Aviation, Inc., failed to use the test equipment required by the OHM, or an equivalent acceptable to the Administrator, while performing operational tests of these accessories/articles. Tandem Aviation, Inc. also falsified approval for return to service documents stating the required tests were completed when that statement was intentionally false.

Discussion: The improper overhaul includes aircraft Dunlop Air Compressor (part number AC61552), aircraft Telair Model 747 Power Drive Units (part numbers 126100-7 and 126100-107), Valcor Engineering Steering Actuator Assembly (part number 893954), and aircraft Dunlop Pneumatic Isolating Valve (part number ACM26230). Accessories/articles improperly approved for return to service do not comply with 14 CFR § 43.5, placing the flying public at risk. These findings also include other articles/parts overhauled and/or repaired by Tandem Aviation, Inc., from September 2016 to the present.

Recommended Action: Aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors should inspect their aircraft, aircraft records, and/or parts inventories for any accessories/articles approved for return to service as overhauled/repaired by Tandem Aviation, Inc., after September 2016. Any such accessories/articles discovered installed on an aircraft should be removed and an appropriate approval for return to service inspection/action accomplished. Any such accessories/articles in existing aircraft stock should be quarantined to prevent installation until eligibility for installation is determined.

Contact: Questions or comments regarding this SAFO should be directed to Rodney Edwards, Aviation Safety Inspector, at the South Florida Flight Standards District office via mail at 2895 S.W. 145th Avenue, Suite 120, Miramar, FL. 33027, or via telephone at (954) 641-6133.

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