

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number ST01423LA

This Certificate issued to Southwest United Industries, Inc.
422 S. St. Louis Ave.
Tulsa, Oklahoma 74120

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet A6WE and A22WE*

Original Product Type Certificate Number: A6WE and A22WE

Make: McDonnell Douglas

Model: MD-88, MD-90-30, MD-11

Description of Type Design Change: Use of High Velocity OXYFUEL (HVOF) Thermal Coating as specified in Southwest Aeroservice Master Data List SWA 32-300M, Rev N/C, dated December 23, 2002, in lieu of chrome plating for the following top assembly landing gear parts: MD-88: 5910447 NLG, 5930593 MLG, 5940496 NLG, and 5930999 MLG. MD-90-30: 5940495 NLG, 5940499 MLG, and 5940496 NLG. MD-11: NCG6001 NLG, NRG6715 MLG, NYG6208 CLG, and NCG6201 NLG.

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 4, 2001

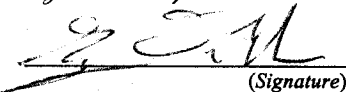
Date reissued: January 24, 2003

Date of issuance: December 13, 2002

Date amended: December 23, 2002,
January 24, 2003



By direction of the Administrator


(Signature)

Manager, Airframe Branch
Los Angeles Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both