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LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

TERRA
CORPORATION - 1

Med hjemmel om lov om luftfart av 11. juni 1993 kap. IV § 4-1 og kap. XV § 15-4, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

95-018 KONTROLL/UTSKIFTING AV TRANSPONDER

Påbudet gjelder:

Terra Corporation Modell TRT 250 serie transpondere med del- og serienummer som beskrevet i vedlagte kopi av FAA AD 95-01-01.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 95-01-01.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av FAA AD 95-01-01, med virkning fra denne LDP's gyldighetsdato.

Referanse:

FAA AD 95-01-01.

Gyldighetsdato:

01.02.95.



AIRWORTHINESS DIRECTIVE

FLIGHT STANDARDS SERVICE
REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

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

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

95-01-01 TERRA CORPORATION: Amendment 39-9112. Docket No. 94-SW-03-AD.

Applicability: Model TRT 250 transponders, part number (P/N) 0900-0250-00, with serial numbers (S/N) 4194 and below, Modification Level (Mod Level) 4 and below; 3-inch ATI-mounted TRT 250 pushbutton transponders, P/N 0900-0250-20, with S/N 5324 and below, Mod Level 4 and below; and TRT 250 D digital display transponders, P/N 0900-0250-30, with S/N 1155 and below, Mod Level 1 and below.

Compliance: Required as indicated, unless accomplished previously.

To prevent failure of the transponder to respond properly to Mode S interrogations from Mode S ground stations and Traffic Collision Avoidance System (TCAS) II airborne equipment, which could result in loss of airspace separation, accomplish the following:

(a) Within 6 months after the effective date of this AD, remove the TRT 250 series transponder in accordance with the procedures stated in the Accomplishment Section of Terra Corporation Mandatory Service Bulletin No. SB-104 (SB-104), Revision 1, dated June 27, 1994, and determine the part number (P/N), serial number (S/N), and modification level (Mod Level).

(b) If the determination made in paragraph (a) reveals one of the affected part numbers, serial numbers, and modification levels indicated in this AD, replace the affected transponder with:

(1) A Terra Corporation transponder that has been modified in accordance with the provisions of SB-104, Revision 1, dated June 27, 1994;

(2) An unaffected Terra Corporation transponder; or,

(3) Another manufacturer's transponder that responds properly to Mode S interrogations from both an Air Traffic Control Radio Beacon System (ATCRBS)/Mode S ground station and TCAS II airborne equipment.

(c) If installing a replacement Terra Corporation transponder that has been modified in accordance with the provisions of SB-104, Revision 1, dated June 27, 1994, perform a ramp test in accordance with the Testing section of SB-104, Revision 1, dated June 27, 1994. Conduct the tests and checks required by section 91.413 of the Federal Aviation Regulations (14 CFR 91.413) prior to approving the aircraft for return to service.

(d) Installation of an affected Terra Corporation transponder that has been modified and tested in accordance with SB-104, Revision 1, dated June 27, 1994, or another transponder that responds properly to Mode S interrogations from both an ATCRBS/Mode S ground station and TCAS II airborne equipment constitutes terminating action for the requirements of this AD.

(e) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used when approved by the Manager, Airplane Certification Office, FAA, Rotorcraft Directorate. Operators shall submit their requests through an FAA Principal Avionics Inspector, who may concur or comment and then send it to the Manager, Airplane Certification Office.

NOTE: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Airplane Certification Office.

(f) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location where the requirements of this AD can be accomplished.

(g) The modification shall be done in accordance with Terra Corporation Mandatory Service Bulletin No. SB-104, Revision 1, dated June 27, 1994. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Terra Corporation, 3520 Pan American Freeway NE, Albuquerque, New Mexico, 87107-4796. Copies may be inspected at the FAA, Office of the Assistant Chief Counsel, 2601 Meacham Blvd., Room 663, Fort Worth, Texas; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(h) This amendment becomes effective on February 6, 1995.

FOR FURTHER INFORMATION CONTACT:

Mr. George R. Hash, Aerospace Engineer, Airplane Certification Office, FAA, Rotorcraft Directorate, 2601 Meacham Blvd., Fort Worth, Texas 76137, telephone (817) 222-5134, fax (817) 222-5959.