

ДИРЕКТИВА ЛЬОТНОЇ ПРИДАТНОСТІ AIRWORTHINESS DIRECTIVE

ДЕРЖАВНА АВІАЦІЙНА СЛУЖБА УКРАЇНИ
(ДЕРЖАВІАСЛУЖБА УКРАЇНИ)

STATE AVIATION ADMINISTRATION
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Нижченаведену Директиву льотної придатності видано Державіаслужбою України відповідно до
Авіаційних правил України, частини 21 (Part 21), розділу А, пункту 21.А.3В «Директиви льотної придатності»
The following Airworthiness Directive has been issued by the State Aviation Administration of Ukraine in accordance with the
Aviation Regulations of Ukraine Part 21, Section A, Subpart A, 21.A.3B "Airworthiness Directives"

April 20, 2017

ДЛП-0888-16-К (AD-0888-16-К)

An-148-100, An-158 airplanes and modifications

Improvement of fuselage frame 23 web cap testability

Type Certificate holder: ANTONOV Company (1, Akademika Tupoleva str., 03062, Kyiv, Ukraine).

Type Certificate Data Sheet: No. ТЛ 0036

1. Reason for issue of the Directive.

This Directive has been issued in connection with the detection of zones of high loads application on the skin and outer caps of frame 23 in the area of stringer 28 in An-148-100 and An-158 airplanes. This Directive was developed in result of analysis of the airplane loading in operating conditions based on the БУР-92А FDR data, measurement of acting stresses in structural components, development of a model and analysis of service life characteristics in respect of fatigue strength of fuselage structure critical areas taking into account the fatigue tests results.

The Directive provides for improvement of the conditions for inspection of the fuselage frame 23 web for condition in order to prevent unsafe condition of the airplane.

2. Applicability.

This Directive is applicable to the following airplane models: An-148-100 serial numbers 01-01, 01-09, 01-10, 03-08, 04-02, from 40-03 to 40-07, 40-09, 41-01, 41-04, 41-06, 41-07, from 41-09 to 43-07, An-158 serial numbers from 201-01 to 201-05, 205-06.

3. Corrective actions and compliance time.

3.1. The airplane fuselage in the area of frame 23 must be modified and non-destructive testing must be performed according to Service Bulletin No. 148-53-159, Rev.01 dated 05 Jan 2017.

3.2. Compliance time of the tasks in accordance with the conditions of Service Bulletin No. 148-53-159.

4. Effective date.

This Directive comes into force from 24 April 2017.

Chairman

O.V. Bilchuk