



DERS GROUP SERVICES LLC



**A SUMMARY PRESENTATION ON FAA NEW
AIRWORTHINESS RULE CHANGES AFFECTING
14 CFR Part 1 “DEFINITION”, 14 CFR Part 21
“CERTIFICATION PROCEDURES FOR PRODUCTS AND
PARTS”, 14 CFR Part 43 “MAINTENANCE, PREVENTIVE
MAINTENANCE, REBUILDING, AND ALTERATION”, 14
CFR Part 45 “IDENTIFICATION AND REGISTRATION
MARKING”.**

EFFECTIVE DATE APRIL 16, 2010

Dominick DaCosta – FAA DERT/ FAA DARF

Schedule Effective dates of finale rule.

➤ **180 days after publication in the Federal Register.**

- Federal Register: October 16, 2009 (Volume 74, Number 199)]. Therefore **April 16, 2010** is the effective date.

➤ **Compliance Dates: APRIL 16, 2010**

- Part 1, Definitions and Abbreviations
- Part 21, Subparts H (Airworthiness Certificates), I (Provisional Airworthiness Certificates), L (Export Airworthiness Approvals), and N (Approval of Engines, Propellers, Materials, Parts, and Appliances: Import)
- Part 45, 45.11 (Identification of Aircraft and Related Products), & 45.13 (Identification Data).

➤ **ALL Other Portions of the rules**

- 18 months after publication in the Federal Registry., therefore **April 16, 2011** is effective date for all else.

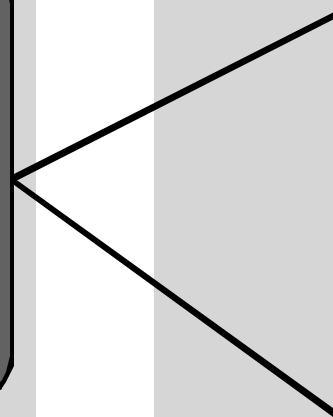
180 days

CFR 1, CFR 21,
CFR 43, CFR 45,

18 months

PAH Quality
System

PAH Quality
Manual



WHAT ARE THE KEY ELEMENTS OF EXISTING RULES AFFECTED?

14 CFR Part 1; “Definitions”

Part 21, subparts H, “AIRWORTHINESS CERTIFICATES”

Part 21, subpart I, “PROVISIONAL AIRWORTHINESS CERTIFICATES”

Part 21 subpart K, “APPROVAL OF MATERIALS, PARTS, PROCESSES, AND APPLIANCES”

Part 21, subpart L, “EXPORT AIRWORTHINESS APPROVALS”

Part 21, subpart N “APPROVAL OF ENGINES, PROPELLERS, MATERIALS, PARTS, AND APPLIANCES: IMPORT”,

Part 43, 43.2, and 43.3j Persons authorized to perform maintenance, preventive maintenance, rebuilding, and alterations

Part 45, subpart B,” IDENTIFICATION OF AIRCRAFT AND RELATED PRODUCTS”, 45.11 and 45.13

Associated Advisory Circulars and Orders

- **AC 21-42, Transition Document for 14 CFR Part 21**
- **AC 21-43, Production Under 14 CFR Part 21 Subparts F, G, K, and O**
- **AC 21-44, Issuance of Export Airworthiness Approvals Under 14 CFR Part 21 Subpart L**
- **AC 45-2, Identification and Registration Marking.**
- **Order 8120.17 Implementation of Changes to the Revised 14 CFR Part 21**
- **Order 8110.42D [Not Yet Released] PMA Procedures**
- **Order 8110.37E [Not Yet Released] DER Handbook**

In addition to these the FAA reports that additionally, there are approximately 20 other ACs and Orders which will change or be published over the next 18 months based on the new rules!

The Fun Has Just Begun!

SUMMARY OF PUBLISHED POLICIES

❖ **AC 21-42, Transition Document for 14 CFR Part 21, is designed to provide information concerning changes to the rule language. The intent of this AC is to briefly describe those changes in order to facilitate the transition to the new regulatory requirements.**

❖ **AC 21-43, Production Under 14 CFR Part 21 Subparts F, G, K, & O is designed to provide information concerning the issuance of production approvals, as well as production under TC only. This AC covers changes in the quality system, responsibility of the holder, privileges, etc.**

❖ **AC 21-44, Issuance of Export Airworthiness Approvals Under 14 CFR Part 21 Subpart L, is designed to provide information concerning changes in how we issue export airworthiness approvals.**

❖ **AC 45-2, Identification and Registration Marking, is designed to provide information concerning requirements for marking of aircraft, aircraft engines, or propellers with identification plates, and identifying aircraft with nationality and registration marks.**

❖ **Order 8120.17 Implementation of Changes to the Revised 14 CFR Part 21, This order is designed to assist aviation safety inspectors (ASI) with transitioning production approval holders' (PAH) quality systems into compliance with the revised 14 CFR part 21, Certification Procedures for Products, Articles, and Parts (part 21).**

The Affect on Production Approval Holders and the FAA

The approximately 1,700 PAHs will need to have their quality systems and manuals reviewed and approved prior to the 18 month compliance date. The FAA has 20 MIDO offices, and about 12 MISO offices which means each office will have to process 50 + PAH systems, and Quality Manuals within 18 months starting April 16, 2010.

**Do not procrastinate revise
Early!**

Summary

- **FIS will be phased out and replaced by a Production Certificate System that requires FAA approval vs Acceptance.**
- **All existing PAH FIS holder must be converted by April 16, 2011.**
- **All Quality Systems for new manufacturing will be “Approved” starting April 16, 2010.**
- **Though the FAA will have a “Scalable” allowance for approving a Quality System, and Quality Manual for all PAH the basic requirements will identical in compliance to the airworthiness rules.**
- **All PAH’s will have to have a Approved Quality System, and have “Continued Operation Safety” Responsibility for their articles.**

**For more information and developments on this transition
To the new rules: Visit the below FAA Sites**
http://www.faa.gov/aircraft/air_cert/production_approvals/14cfr_amendments/

Part 21 Transition Briefing

(File 5 of 5)

Segment 6 - Effective Date, Compliance Date, Related ACs and Orders

Presenter: Barbara Capron, Production and Airworthiness Division, AIR-200

Narration text: This segment reviews the effective date of the rule, as well as compliance dates, and discusses related Advisory Circulars and Orders.

Schedule

Effective date of final rule:

- 180 days after publication in the Federal Register

Compliance Dates:

- Part 1, Definitions and Abbreviations;
- Part 21, subparts H (Airworthiness Certificates), I (Provisional Airworthiness Certificates), L (Export Airworthiness Approvals), and N (Approval of Engines, Propellers, Materials, Parts, and Appliances: Import); and
- Part 45, §§ 45.11 (Identification of Aircraft and Related Products), & § 45.13 (Identification data) – 180 days after publication
- All other portions of the rule – 18 months after publication

Narration text:

Compliance Dates - In the NPRM, the FAA proposed an effective date of 18 months after the date of publication of the final rule in the Federal Register. Upon further review, and in response to comments, we have revised the effective date and compliance dates as follows:

The rule is effective 180 days after publication in the Federal Register; Compliance date for part 1; part 21, subparts H, I, L, and N; and part 45, subpart B, §§ 45.11 and 45.13 is 180 days after publication in the Federal Register; and
Compliance date for all other portions of the rule is 18 months after publication in the Federal Register.

180 Day Compliance Date - In reviewing part 1; part 21, subparts H, I, L, and N; and part 45, subpart B, §§ 45.11 and 45.13, we found the rule changes to be either relieving or cost neutral to industry. We further determined that they are stand-alone changes, and do not affect and are not affected by other changes to the rule. Therefore, we have chosen a compliance date of 180 days after publication of the rule in the Federal Register. During that 180 day period, we will provide necessary guidance and policy to industry on how compliance may be achieved with regard to

QUESTIONS

THANK YOU!