

equivalent material. Metal-removing processes must not be used for visible corrosion cleaning. In addition, clean all surfaces to be inspected utilizing a cleaner, such as Magnaflux Spot Check Cleaner/Remover SKC-NF or equivalent, on the ID of the crankshaft bore. Let the cleaner/remover dry for 5 minutes minimum. Wipe clean with a lint-free cloth.

(2) Penetrant Application—Spray penetrant, such as ZYGLO ZL-22A Magnaflux Corp. or equivalent Type 1 with a penetrant sensitivity Level 3 or higher, on the ID bore.

(3) Penetrant Dwell—Allow a minimum of 10 minutes dwell. For dwell times exceeding 60 minutes the penetrant shall be reapplied to prevent drying.

(4) Penetrant Removal—Remove all bulk surface penetrant by wiping with a clean, dry lint-free cloth. Make a single wipe and then fold the cloth to provide a clean surface for succeeding wipes.

(i) Solvent Wipe—After the bulk of the surface penetrant has been removed, lightly moisten a fresh lint-free cloth with cleaner/remover and again wipe the surface. The cloth must not be saturated and the inspection surface must not be flooded with solvent. Excessive solvent will wash penetrant from defects.

(ii) During wiping, the inspection surface shall be illuminated with black light. Repeat the solvent wipe as necessary until no residual trace of penetrant remains on the inspection surface.

(5) Nonaqueous Developer (solvent suspended)—Following the cleaner/remover wipe apply nonaqueous developer by spraying a developer, such as Magnaflux Spot Check Developer SKD-NF or Form D-Nonaqueous equivalent, on the ID bore. Apply a thin uniform layer to the bore surface. The optimum coating thickness is indicated by the visibility of the part surface. If the metallic luster cannot be seen the developer is too thick.

(6) Dwell—Developer dwell is required to allow the developer time to draw entrapped penetrant from any small defects. The minimum development time shall be 10 minutes. The maximum dwell time for nonaqueous developer shall be 60 minutes.

(7) Inspection shall be performed within the allotted dwell time. Components that are not inspected within the allotted dwell time must be reprocessed.

(i) Examine crankshaft bore in a darkened enclosure under ultraviolet (black) light. Allow 1 minute for eyes to adapt to darkened environment prior to inspecting crankshaft bore. Use of photochromic lenses or permanent darkened lenses is prohibited.

(ii) During inspection make sure that the black light intensity is a minimum of 1200 microwatts/cm² at the bore surface. This can be accomplished by positioning the black light as close as necessary to the bore to achieve 1200 microwatts/cm². White light background shall not exceed 20 1×/m² (2 foot-candles). A photographic light meter may be used to determine the white light background reading.

(iii) Crankshaft bores having no crack indications are acceptable.

(iv) Magnification (10X maximum) and/or white light may be used to determine discontinuity type. Indications, on parts

exhibiting fluorescent background which interferes with evaluation of questionable indications, shall be evaluated as follows:

(A) Lightly wipe the area once with a soft brush or cotton swab applicator dampened with ethyl alcohol. Do not permit alcohol to flood the surface.

(B) After the alcohol evaporates from the surface, re-inspect. If an indication reappears, evaluate it immediately. If the indication does not reappear, reapply developer. The redevelopment time shall equal the original development time. Thereafter, re-inspect.

(8) After inspection, clean residual penetrants and developers from the crankshaft bore. Remove the lint-free cloth from the crankshaft bore prior to installing front crankshaft plug. Failure to do so may result in oil restriction within the engine and in turn cause engine failure. Reinstall the front crankshaft plug in accordance with Textron Lycoming MSB No. 505A, dated October 18, 1994. Failure to install the plug properly may result in engine oil loss and in turn cause engine failure.

(f) After accomplishing the initial visual inspection and, if necessary, the FPI, required by this AD, complete Appendix 1 of this AD and submit to the Manager, New York Aircraft Certification Office, FAA, Engine and Propeller Directorate, 10 Fifth St., Valley Stream, NY 11581; fax (516) 568-2716. Reporting requirements have been approved by the Office of Management and Budget and assigned OMB control number 2120-0056.

Appendix 1

Textron Lycoming Crankshaft Inspection Survey

AD DOCKET NO. 94-ANE-44

Date of Inspection _____

Inspector's Information

Name _____

Address _____

State _____ Zip Code _____

Telephone No. _____

Facsimile No. _____

Engine Model Number _____

Engine Serial Number (S/N) _____

Date of Manufacture _____ (M/D/YR)

Total Time (TT) _____ hrs

Time Since Major Overhaul (SMOH) _____ hrs

Crankshaft Part Number (located on prop flange) _____ S/N _____

Aircraft Make and Model _____

Frequency of Flights _____ per month
(average) Duration _____ hrs per Flight

How was aircraft being utilized? _____

Training, _____ Personal, _____ Banner

Towing, _____ Glider Towing, _____

Agricultural, Other (please explain) _____

Q _____

Propeller Make and Model _____

Has the aircraft ever experienced a propeller strike during service? _____ Yes _____ No

Was propeller ever removed for servicing or overhaul? _____ Yes _____ No

If yes, describe reason for removal in detail.

What was the condition of the crankshaft internal bore?

Corroded _____ Yes _____ No

If corroded, how many pits? _____ 1 to 5, _____ 6 to 10, _____ More than 10

Was a crack found? _____ Yes _____ No

If crack was found, complete the following:

_____ Distance from crankshaft end (Inches)

_____ Crack Length (Inches)

Comments:

(g) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, New York Aircraft Certification Office. The request should be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, New York Aircraft Certification Office.

Note 2: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the New York Aircraft Certification Office.

(h) 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.

Issued in Burlington, Massachusetts, on December 26, 1996.

Jay J. Pardee,

Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 97-32 Filed 1-2-97; 8:45 am]

BILLING CODE 4910-13-U

14 CFR Part 71

[Airspace Docket No. 96-AEA-16]

Proposed Establishment of Class E Airspace; Johnstown, NY

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking.

SUMMARY: This proposed rule would establish Class E Airspace at Johnstown, NY. The development of two new Standard Instrument Approach Procedures (SIAP) at Fulton County Airport based on the Global Positioning System (GPS) has made this proposal necessary. Additional controlled

airspace extending upward from 700 feet above the surface (AGL) is needed to accommodate these SIAPs and for Instrument Flight Rules (IFR) operations to the airport. The area would be depicted on aeronautical charts for pilot reference.

DATES: Comments must be received on or before January 30, 1997.

ADDRESSES: Send comments on the proposed rule in triplicate to: Manager, Operations Branch, AEA-530, Docket No. 96-AEA-16, F.A.A. Eastern Region, Federal Building #111, John F. Kennedy Int'l Airport, Jamaica, NY 11430. The official docket may be examined in the Office of the Assistant Chief Counsel, AEA-7, F.A.A. Eastern Region, Federal Building #111, John F. Kennedy International Airport, Jamaica, New York 11430.

An informal docket may also be examined during normal business hours in the Operations Branch, AEA-530, F.A.A. Eastern Region, Federal Building #111, John F. Kennedy International Airport, Jamaica, NY 11430.

FOR FURTHER INFORMATION CONTACT: Mr. Francis T. Jordan, Jr., Airspace Specialist, Operations Branch, AEA-530, F.A.A. Eastern Region, Federal Building #111, John F. Kennedy International Airport, Jamaica, New York 11430; telephone: (718) 553-4521.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested parties are invited to participate in this proposed rulemaking by submitting such written data, views, or arguments as they may desire. Comments that provide the factual basis supporting the views and suggestions presented are particularly helpful in developing reasoned regulatory decisions on the proposal. Comments are specifically invited on the overall regulatory, aeronautical, economic, environmental, and energy related aspects of the proposal. Communications should identify the airspace docket number and be submitted in triplicate to the address listed above. Commenters wishing the FAA to acknowledge receipt of their comments on this notice must submit with those comments a self-addressed, stamped postcard on which the following statement is made: "Comments to Airspace Docket No. 96-AEA-16". The postcard will be date/time stamped and returned to the commenter.

All communications received before the specified closing date for comments will be considered before taking action on the proposed rule. The proposal contained in this notice may be changed

in the light of comments received. All comments submitted will be available for examination in the Rules Docket both before and after the closing date for comments. A report summarizing each substantive public contact with the FAA personnel concerned with this rulemaking will be filed in the docket.

Availability of NPRMs

Any person may obtain a copy of this Notice of Proposed Rulemaking (NPRM) by submitting a request to the Office of the Assistant Chief Counsel, AEA-7, F.A.A. Eastern Region, Federal Building #111, John F. Kennedy International Airport, Jamaica, NY 11430. Communications must identify the notice number of this NPRM. Persons interested in being placed on a mailing list for future NPRMs should also request a copy of Advisory Circular No. 11-2A, which describes the application procedure.

The Proposal

The FAA is considering an amendment to Part 71 of the Federal Aviation Regulations (14 CFR part 71) to establish Class E airspace extending upward from 700 feet above the surface (AGL) at Johnstown, NY. A GPS RWY 10 SIAP and a GPS RWY 28 SIAP has been developed for Fulton County Airport. Additional controlled airspace extending upward from 700 feet above the surface (AGL) is needed to accommodate these SIAPs and for IFR operations at the airport. The area would be depicted on appropriate aeronautical charts. Class E airspace designations for airspace extending upward from 700 feet above the surface are published in Paragraph 6005 of FAA Order 7400.9D, dated September 4, 1996, and effective September 16, 1996, which is incorporated by reference in 14 CFR 71.1. The Class E airspace designation listed in this document would be published subsequently in the Order.

The FAA has determined that this proposed regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. Therefore, this proposed regulation—(1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. Since this is a routine matter that would only affect air traffic procedures and air navigation, it is certified that this proposed rule

would not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 71

Airspace, Incorporation by reference, Navigation (air).

The Proposed Amendment

In consideration of the foregoing, the Federal Aviation Administration proposes to amend 14 CFR part 71 as follows:

PART 71—[AMENDED]

1. The authority citation for Part 71 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40103, 40113, 40120, E.O. 10854; 24 FR 9565, 3 CFR 1959-1963 Comp., p. 389; 14 CFR 11.69.

2. The incorporation by reference in 14 CFR 71.1 of the Federal Aviation Administration Order 7400.9D, dated September 4, 1996, and effective September 16, 1996, is proposed to be amended as follows:

Paragraph 6005 Class E airspace areas extending upward from 700 feet or more above the surface of the earth.

* * * * *

AEA NY E5 Johnstown, NY [New]

Fulton County Airport, NY
(Lat. 42°59'54" N, long. 74°19'46" W)

That airspace extending upward from 700 feet above the surface within a 9.5-mile radius of Fulton County Airport, excluding that portion that coincides with the Albany, NY Class E airspace area.

* * * * *

Issued in Jamaica, New York, on December 18, 1996.

James K. Buckles,
Acting Manager, Air Traffic Division, Eastern Region.

[FR Doc. 97-78 Filed 1-2-97; 8:45 am]

BILLING CODE 4910-13-M

14 CFR Part 71

[Airspace Docket No. 96-AEA-15]

Proposed Establishment of Class E Airspace; Stuart, VA

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking.

SUMMARY: This proposed rule would establish Class E Airspace at Stuart, VA. The development of a new Standard Instrument Approach Procedure (SIAP) at Micro Airport based on the Global Positioning System (GPS) has made this proposal necessary. Additional controlled airspace extending upward